

Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Laboratory Identifier: 1108070

Received: 8/3/2011 16:13

Sampled by: Kevin Cain

Client: POSILLICO DEVELOPMENT

1750 New Highway

Farmingdale,

NY 11735

Project: Harbor Isle

Island Park,

NY

Manager: Ellis Koch

Respectfully submitted,

Juan R.Cuba - Technical Director

NYS Lab ID # 10969

NJ Cert. # 73812

CT Cert. # PH0645

PA Cert. #002

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Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-1

Client Sample ID: 8/3 trip blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 8/8/2011

Type: Trip Blank

Collected: 8/3/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3972-1451	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3972-1451	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3972-1451	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3972-1451	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3972-1451	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3972-1451	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3972-1451	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3972-1451	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3972-1451	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3972-1451	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3972-1451	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3972-1451	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3972-1451	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3972-1451	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3972-1451	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3972-1451	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3972-1451	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3972-1451	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3972-1451	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3972-1451	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3972-1451	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3972-1451	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3972-1451	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3972-1451	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3972-1451	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3972-1451	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3972-1451	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3972-1451	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3972-1451	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3972-1451	1.82	ND	ug/L	U
67-64-1	Acetone	C3972-1451	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3972-1451	7.65	ND	ug/L	U



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Analyzed Date: 8/8/2011

Type: Trip Blank

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Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3972-1451	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3972-1451	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3972-1451	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3972-1451	0.50	ND	ug/L	U
75-25-2	Bromoform	C3972-1451	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3972-1451	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3972-1451	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3972-1451	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3972-1451	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3972-1451	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3972-1451	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3972-1451	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3972-1451	0.94	ND	ug/L	U
67-66-3	Chloroform	C3972-1451	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3972-1451	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3972-1451	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3972-1451	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3972-1451	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3972-1451	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3972-1451	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3972-1451	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3972-1451	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3972-1451	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3972-1451	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3972-1451	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3972-1451	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3972-1451	0.33	ND	ug/L	U
95-47-6	o-xylene	C3972-1451	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3972-1451	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3972-1451	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3972-1451	0.36	ND	ug/L	U
100-42-5	Styrene	C3972-1451	0.39	ND	ug/L	U



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Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3972-1451	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3972-1451	0.37	ND	ug/L	U
994-05-8	TAME	C3972-1451	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3972-1451	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3972-1451	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3972-1451	0.59	ND	ug/L	U
108-88-3	Toluene	C3972-1451	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3972-1451	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3972-1451	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3972-1451	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3972-1451	106.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3972-1451	89.6 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3972-1451	92.2 %	(80 - 117)	
2037-26-5	TOLUENE-D8	C3972-1451	103.0 %	(92 - 111)	



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Sample: 1108070-2

Client Sample ID: 8/3 field blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 8/8/2011

Type: Field Blank

Collected: 8/3/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3972-1452	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3972-1452	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3972-1452	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3972-1452	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3972-1452	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3972-1452	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3972-1452	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3972-1452	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3972-1452	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3972-1452	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3972-1452	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3972-1452	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3972-1452	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3972-1452	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3972-1452	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3972-1452	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3972-1452	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3972-1452	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3972-1452	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3972-1452	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3972-1452	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3972-1452	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3972-1452	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3972-1452	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3972-1452	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3972-1452	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3972-1452	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3972-1452	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3972-1452	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3972-1452	1.82	ND	ug/L	U
67-64-1	Acetone	C3972-1452	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3972-1452	7.65	ND	ug/L	U



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Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3972-1452	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3972-1452	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3972-1452	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3972-1452	0.50	ND	ug/L	U
75-25-2	Bromoform	C3972-1452	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3972-1452	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3972-1452	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3972-1452	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3972-1452	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3972-1452	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3972-1452	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3972-1452	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3972-1452	0.94	ND	ug/L	U
67-66-3	Chloroform	C3972-1452	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3972-1452	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3972-1452	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3972-1452	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3972-1452	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3972-1452	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3972-1452	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3972-1452	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3972-1452	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3972-1452	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3972-1452	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3972-1452	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3972-1452	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3972-1452	0.33	ND	ug/L	U
95-47-6	o-xylene	C3972-1452	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3972-1452	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3972-1452	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3972-1452	0.36	ND	ug/L	U
100-42-5	Styrene	C3972-1452	0.39	ND	ug/L	U



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Matrix: Liquid

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Analyzed Date: 8/8/2011

Type: Field Blank

Collected: 8/3/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3972-1452	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3972-1452	0.37	ND	ug/L	U
994-05-8	TAME	C3972-1452	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3972-1452	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3972-1452	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3972-1452	0.59	ND	ug/L	U
108-88-3	Toluene	C3972-1452	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3972-1452	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3972-1452	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3972-1452	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3972-1452	106.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3972-1452	92.5 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3972-1452	92.5 %	(80 - 117)	
2037-26-5	TOLUENE-D8	C3972-1452	102.0 %	(92 - 111)	



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9/9/2011

Volatiles - EPA 8260B

Sample: **1108070-3**

Client Sample ID: SB-38B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3974-1494	60.1	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C3974-1494	74.4	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C3974-1494	65.8	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C3974-1494	72.9	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3974-1494	67.2	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	C3974-1494	42.9	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	C3974-1494	52.9	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	C3974-1494	51.5	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C3974-1494	51.5	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C3974-1494	77.2	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3974-1494	50.0	2280	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	C3974-1494	64.3	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	C3974-1494	62.9	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	C3974-1494	40.0	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	C3974-1494	67.2	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C3974-1494	70.1	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	C3974-1494	71.5	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	C3974-1494	74.4	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C3974-1494	61.5	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C3974-1494	54.3	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	C3974-1494	65.8	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C3974-1494	57.2	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	C3974-1494	84.4	ND	ug/Kg	U
78-93-3	2-Butanone	C3974-1494	275	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C3974-1494	71.5	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	C3974-1494	51.5	ND	ug/Kg	U
591-78-6	2-Hexanone	C3974-1494	319	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	C3974-1494	74.4	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	C3974-1494	48.6	175	ug/Kg	J
108-10-1	4-Methyl-2-pentanone	C3974-1494	260	ND	ug/Kg	U
67-64-1	Acetone	C3974-1494	418	ND	ug/Kg	U
107-13-1	Acrylonitrile	C3974-1494	1090	ND	ug/Kg	U



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Sample: 1108070-3

Client Sample ID: SB-38B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	C3974-1494	61.5	ND	ug/Kg	U
108-86-1	Bromobenzene	C3974-1494	52.9	ND	ug/Kg	U
74-97-5	Bromochloromethane	C3974-1494	75.8	ND	ug/Kg	U
75-27-4	Bromodichloromethane	C3974-1494	71.5	ND	ug/Kg	U
75-25-2	Bromoform	C3974-1494	52.9	ND	ug/Kg	U
74-83-9	Bromomethane	C3974-1494	84.4	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C3974-1494	60.1	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C3974-1494	74.4	ND	ug/Kg	U
75-15-0	Carbon disulfide	C3974-1494	57.2	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	C3974-1494	62.9	ND	ug/Kg	U
108-90-7	Chlorobenzene	C3974-1494	68.6	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	C3974-1494	67.2	ND	ug/Kg	U
75-00-3	Chloroethane	C3974-1494	134	ND	ug/Kg	U
67-66-3	Chloroform	C3974-1494	65.8	ND	ug/Kg	U
74-87-3	Chloromethane	C3974-1494	72.9	ND	ug/Kg	U
124-48-1	Dibromochloromethane	C3974-1494	61.5	ND	ug/Kg	U
74-95-3	Dibromomethane	C3974-1494	67.2	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C3974-1494	70.1	ND	ug/Kg	U
100-41-4	Ethylbenzene	C3974-1494	58.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C3974-1494	77.2	ND	ug/Kg	U
98-82-8	Isopropylbenzene	C3974-1494	62.9	ND	ug/Kg	U
108-38-3	m,p-xylene	C3974-1494	123	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C3974-1494	71.5	ND	ug/Kg	U
75-09-2	Methylene Chloride	C3974-1494	55.8	ND	ug/Kg	U
104-51-8	n-Butylbenzene	C3974-1494	61.5	ND	ug/Kg	U
103-65-1	n-Propylbenzene	C3974-1494	58.6	ND	ug/Kg	U
91-20-3	Naphthalene	C3974-1494	47.2	ND	ug/Kg	U
95-47-6	o-xylene	C3974-1494	52.9	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	C3974-1494	55.8	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	C3974-1494	55.8	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	C3974-1494	51.5	ND	ug/Kg	U
100-42-5	Styrene	C3974-1494	55.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-3

Client Sample ID: SB-38B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	C3974-1494	38.6	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C3974-1494	52.9	ND	ug/Kg	U
994-05-8	TAME	C3974-1494	110	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	C3974-1494	62.9	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C3974-1494	1280	ND	ug/Kg	U
127-18-4	Tetrachloroethene	C3974-1494	84.4	ND	ug/Kg	U
108-88-3	Toluene	C3974-1494	64.3	ND	ug/Kg	U
79-01-6	Trichloroethene	C3974-1494	65.8	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	C3974-1494	74.4	ND	ug/Kg	U
75-01-4	Vinyl Chloride	C3974-1494	61.5	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	C3974-1494	116.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	C3974-1494	102.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	C3974-1494	88.0 %	(75 - 159)	
2037-26-5	TOLUENE-D8	C3974-1494	103.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3974-1495	63.4	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C3974-1495	78.5	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C3974-1495	69.5	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C3974-1495	77.0	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3974-1495	71.0	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	C3974-1495	45.3	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	C3974-1495	55.9	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	C3974-1495	54.4	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C3974-1495	54.4	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C3974-1495	81.5	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3974-1495	52.8	2850	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	C3974-1495	67.9	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	C3974-1495	66.4	96.9	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	C3974-1495	42.3	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	C3974-1495	71.0	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C3974-1495	74.0	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	C3974-1495	75.5	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	C3974-1495	78.5	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C3974-1495	64.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C3974-1495	57.4	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	C3974-1495	69.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C3974-1495	60.4	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	C3974-1495	89.1	ND	ug/Kg	U
78-93-3	2-Butanone	C3974-1495	290	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C3974-1495	75.5	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	C3974-1495	54.4	ND	ug/Kg	U
591-78-6	2-Hexanone	C3974-1495	337	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	C3974-1495	78.5	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	C3974-1495	51.3	351	ug/Kg	J
108-10-1	4-Methyl-2-pentanone	C3974-1495	275	ND	ug/Kg	U
67-64-1	Acetone	C3974-1495	441	ND	ug/Kg	U
107-13-1	Acrylonitrile	C3974-1495	1160	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	C3974-1495	64.9	ND	ug/Kg	U
108-86-1	Bromobenzene	C3974-1495	55.9	ND	ug/Kg	U
74-97-5	Bromochloromethane	C3974-1495	80.0	ND	ug/Kg	U
75-27-4	Bromodichloromethane	C3974-1495	75.5	ND	ug/Kg	U
75-25-2	Bromoform	C3974-1495	55.9	ND	ug/Kg	U
74-83-9	Bromomethane	C3974-1495	89.1	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C3974-1495	63.4	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C3974-1495	78.5	ND	ug/Kg	U
75-15-0	Carbon disulfide	C3974-1495	60.4	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	C3974-1495	66.4	ND	ug/Kg	U
108-90-7	Chlorobenzene	C3974-1495	72.5	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	C3974-1495	71.0	ND	ug/Kg	U
75-00-3	Chloroethane	C3974-1495	142	ND	ug/Kg	U
67-66-3	Chloroform	C3974-1495	69.5	ND	ug/Kg	U
74-87-3	Chloromethane	C3974-1495	77.0	ND	ug/Kg	U
124-48-1	Dibromochloromethane	C3974-1495	64.9	ND	ug/Kg	U
74-95-3	Dibromomethane	C3974-1495	71.0	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C3974-1495	74.0	ND	ug/Kg	U
100-41-4	Ethylbenzene	C3974-1495	61.9	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C3974-1495	81.5	ND	ug/Kg	U
98-82-8	Isopropylbenzene	C3974-1495	66.4	ND	ug/Kg	U
108-38-3	m,p-xylene	C3974-1495	130	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C3974-1495	75.5	ND	ug/Kg	U
75-09-2	Methylene Chloride	C3974-1495	58.9	ND	ug/Kg	U
104-51-8	n-Butylbenzene	C3974-1495	64.9	ND	ug/Kg	U
103-65-1	n-Propylbenzene	C3974-1495	61.9	ND	ug/Kg	U
91-20-3	Naphthalene	C3974-1495	49.8	ND	ug/Kg	U
95-47-6	o-xylene	C3974-1495	55.9	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	C3974-1495	58.9	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	C3974-1495	58.9	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	C3974-1495	54.4	191	ug/Kg	J
100-42-5	Styrene	C3974-1495	58.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	C3974-1495	40.8	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C3974-1495	55.9	ND	ug/Kg	U
994-05-8	TAME	C3974-1495	116	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	C3974-1495	66.4	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C3974-1495	1350	ND	ug/Kg	U
127-18-4	Tetrachloroethene	C3974-1495	89.1	ND	ug/Kg	U
108-88-3	Toluene	C3974-1495	67.9	ND	ug/Kg	U
79-01-6	Trichloroethene	C3974-1495	69.5	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	C3974-1495	78.5	ND	ug/Kg	U
75-01-4	Vinyl Chloride	C3974-1495	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
17060-07-0	1,2-DICHLOROETHANE-D4	C3974-1495	114.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	C3974-1495	102.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	C3974-1495	83.2 %	(75 - 159)	
2037-26-5	TOLUENE-D8	C3974-1495	105.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3973-1476	116	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C3973-1476	144	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C3973-1476	127	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C3973-1476	141	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3973-1476	130	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	C3973-1476	83.1	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	C3973-1476	102	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	C3973-1476	99.7	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C3973-1476	99.7	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C3973-1476	150	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3973-1476	96.9	16200	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	C3973-1476	125	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	C3973-1476	122	36300	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	C3973-1476	77.6	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	C3973-1476	130	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C3973-1476	136	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	C3973-1476	138	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	C3973-1476	144	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C3973-1476	119	7560	ug/Kg	
541-73-1	1,3-Dichlorobenzene	C3973-1476	105	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	C3973-1476	127	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C3973-1476	111	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	C3973-1476	163	ND	ug/Kg	U
78-93-3	2-Butanone	C3973-1476	532	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C3973-1476	138	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	C3973-1476	99.7	ND	ug/Kg	U
591-78-6	2-Hexanone	C3973-1476	618	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	C3973-1476	144	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	C3973-1476	94.2	2620	ug/Kg	
108-10-1	4-Methyl-2-pentanone	C3973-1476	504	ND	ug/Kg	U
67-64-1	Acetone	C3973-1476	809	ND	ug/Kg	U
107-13-1	Acrylonitrile	C3973-1476	2120	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	C3973-1476	119	756	ug/Kg	J
108-86-1	Bromobenzene	C3973-1476	102	ND	ug/Kg	U
74-97-5	Bromochloromethane	C3973-1476	147	ND	ug/Kg	U
75-27-4	Bromodichloromethane	C3973-1476	138	ND	ug/Kg	U
75-25-2	Bromoform	C3973-1476	102	ND	ug/Kg	U
74-83-9	Bromomethane	C3973-1476	163	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C3973-1476	116	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C3973-1476	144	ND	ug/Kg	U
75-15-0	Carbon disulfide	C3973-1476	111	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	C3973-1476	122	ND	ug/Kg	U
108-90-7	Chlorobenzene	C3973-1476	133	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	C3973-1476	130	ND	ug/Kg	U
75-00-3	Chloroethane	C3973-1476	260	ND	ug/Kg	U
67-66-3	Chloroform	C3973-1476	127	ND	ug/Kg	U
74-87-3	Chloromethane	C3973-1476	141	ND	ug/Kg	U
124-48-1	Dibromochloromethane	C3973-1476	119	ND	ug/Kg	U
74-95-3	Dibromomethane	C3973-1476	130	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C3973-1476	136	ND	ug/Kg	U
100-41-4	Ethylbenzene	C3973-1476	114	3010	ug/Kg	
87-68-3	Hexachlorobutadiene	C3973-1476	150	ND	ug/Kg	U
98-82-8	Isopropylbenzene	C3973-1476	122	3270	ug/Kg	
108-38-3	m,p-xylene	C3973-1476	238	2120	ug/Kg	J
1634-04-4	Methyl t-butyl ether	C3973-1476	138	ND	ug/Kg	U
75-09-2	Methylene Chloride	C3973-1476	108	ND	ug/Kg	U
104-51-8	n-Butylbenzene	C3973-1476	119	8740	ug/Kg	
103-65-1	n-Propylbenzene	C3973-1476	114	9260	ug/Kg	
91-20-3	Naphthalene	C3973-1476	91.4	23500	ug/Kg	
95-47-6	o-xylene	C3973-1476	102	470	ug/Kg	J
105-05-5	p-Diethylbenzene	C3973-1476	108	22900	ug/Kg	
622-96-8	p-Ethyltoluene	C3973-1476	108	2460	ug/Kg	
135-98-8	sec-Butylbenzene	C3973-1476	99.7	4130	ug/Kg	
100-42-5	Styrene	C3973-1476	108	ND	ug/Kg	U



Environmental Quality Services, Inc.

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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	C3973-1476	74.8	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C3973-1476	102	ND	ug/Kg	U
994-05-8	TAME	C3973-1476	213	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	C3973-1476	122	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C3973-1476	2470	ND	ug/Kg	U
127-18-4	Tetrachloroethene	C3973-1476	163	ND	ug/Kg	U
108-88-3	Toluene	C3973-1476	125	660	ug/Kg	J
79-01-6	Trichloroethene	C3973-1476	127	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	C3973-1476	144	ND	ug/Kg	U
75-01-4	Vinyl Chloride	C3973-1476	119	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3973-1476	114.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	C3973-1476	102.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	C3973-1476	89.7 %	(75 - 159)	
2037-26-5	TOLUENE-D8	C3973-1476	103.0 %	(74 - 136)	



Environmental Quality Services, Inc.

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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5823	2.69	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5823	3.04	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5823	3.51	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5823	3.69	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5823	3.04	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5823	3.33	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5823	2.16	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5823	3.10	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5823	2.81	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5823	4.15	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5823	2.34	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5823	1.99	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5823	2.16	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5823	2.69	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5823	3.45	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5823	2.75	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5823	3.39	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5823	3.45	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5823	2.57	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5823	3.10	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5823	3.04	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5823	2.81	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5823	3.45	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5823	13.0	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5823	3.74	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5823	3.10	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5823	11.6	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5823	2.92	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5823	2.75	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5823	12.6	ND	ug/Kg	U
67-64-1	Acetone	B3277-5823	15.2	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3277-5823	40.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5823	3.10	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5823	2.98	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5823	3.39	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5823	2.75	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5823	2.81	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5823	2.87	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5823	2.63	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5823	2.98	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5823	2.75	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3277-5823	3.28	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5823	3.57	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5823	5.15	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5823	4.09	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5823	3.45	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5823	2.92	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5823	2.69	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5823	4.62	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5823	2.16	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5823	3.04	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5823	2.81	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5823	2.57	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5823	5.26	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5823	3.04	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5823	5.50	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5823	2.81	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5823	2.69	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5823	2.63	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5823	2.28	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5823	2.69	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5823	2.46	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5823	2.63	ND	ug/Kg	U
100-42-5	Styrene	B3277-5823	2.52	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5823	2.69	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5823	2.46	ND	ug/Kg	U
994-05-8	TAME	B3277-5823	3.69	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5823	3.10	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5823	31.5	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5823	2.63	ND	ug/Kg	U
108-88-3	Toluene	B3277-5823	2.81	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5823	2.87	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5823	3.28	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5823	3.98	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	B3277-5823	97.3 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5823	96.3 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5823	107.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5823	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5824	1.16	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5824	1.31	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5824	1.51	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5824	1.59	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5824	1.31	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5824	1.44	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5824	0.93	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5824	1.34	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5824	1.21	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5824	1.79	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5824	1.01	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5824	0.86	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5824	0.93	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5824	1.16	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5824	1.49	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5824	1.18	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5824	1.46	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5824	1.49	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5824	1.11	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5824	1.34	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5824	1.31	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5824	1.21	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5824	1.49	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5824	5.59	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5824	1.61	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5824	1.34	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5824	4.99	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5824	1.26	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5824	1.18	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5824	5.42	ND	ug/Kg	U
67-64-1	Acetone	B3277-5824	6.55	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3277-5824	17.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5824	1.34	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5824	1.29	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5824	1.46	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5824	1.18	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5824	1.21	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5824	1.23	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5824	1.13	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5824	1.29	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5824	1.18	39.6	ug/Kg	
56-23-5	Carbon Tetrachloride	B3277-5824	1.41	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5824	1.54	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5824	2.22	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5824	1.76	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5824	1.49	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5824	1.26	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5824	1.16	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5824	1.99	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5824	0.93	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5824	1.31	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5824	1.21	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5824	1.11	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5824	2.27	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5824	1.31	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5824	2.37	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5824	1.21	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5824	1.16	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5824	1.13	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5824	0.98	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5824	1.16	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5824	1.06	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5824	1.13	ND	ug/Kg	U
100-42-5	Styrene	B3277-5824	1.08	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5824	1.16	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5824	1.06	ND	ug/Kg	U
994-05-8	TAME	B3277-5824	1.59	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5824	1.34	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5824	13.6	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5824	1.13	ND	ug/Kg	U
108-88-3	Toluene	B3277-5824	1.21	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5824	1.23	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5824	1.41	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5824	1.71	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	B3277-5824	99.5 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5824	99.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5824	106.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5824	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3275-5782	0.57	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3275-5782	0.64	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3275-5782	0.74	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3275-5782	0.77	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3275-5782	0.64	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3275-5782	0.70	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3275-5782	0.46	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3275-5782	0.65	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3275-5782	0.59	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3275-5782	0.87	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3275-5782	0.49	12.0	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	B3275-5782	0.42	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3275-5782	0.46	2.26	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	B3275-5782	0.57	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3275-5782	0.73	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3275-5782	0.58	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3275-5782	0.71	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3275-5782	0.73	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3275-5782	0.54	1.62	ug/Kg	J
541-73-1	1,3-Dichlorobenzene	B3275-5782	0.65	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3275-5782	0.64	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3275-5782	0.59	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3275-5782	0.73	ND	ug/Kg	U
78-93-3	2-Butanone	B3275-5782	2.73	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3275-5782	0.79	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3275-5782	0.65	ND	ug/Kg	U
591-78-6	2-Hexanone	B3275-5782	2.44	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3275-5782	0.62	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3275-5782	0.58	14.7	ug/Kg	
108-10-1	4-Methyl-2-pentanone	B3275-5782	2.64	ND	ug/Kg	U
67-64-1	Acetone	B3275-5782	3.20	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3275-5782	8.60	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3275-5782	0.65	ND	ug/Kg	U
108-86-1	Bromobenzene	B3275-5782	0.63	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3275-5782	0.71	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3275-5782	0.58	ND	ug/Kg	U
75-25-2	Bromoform	B3275-5782	0.59	ND	ug/Kg	U
74-83-9	Bromomethane	B3275-5782	0.60	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3275-5782	0.55	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3275-5782	0.63	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3275-5782	0.58	9.09	ug/Kg	
56-23-5	Carbon Tetrachloride	B3275-5782	0.69	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3275-5782	0.75	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3275-5782	1.08	ND	ug/Kg	U
75-00-3	Chloroethane	B3275-5782	0.86	ND	ug/Kg	U
67-66-3	Chloroform	B3275-5782	0.73	ND	ug/Kg	U
74-87-3	Chloromethane	B3275-5782	0.62	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3275-5782	0.57	ND	ug/Kg	U
74-95-3	Dibromomethane	B3275-5782	0.97	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3275-5782	0.46	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3275-5782	0.64	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3275-5782	0.59	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3275-5782	0.54	ND	ug/Kg	U
108-38-3	m,p-xylene	B3275-5782	1.11	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3275-5782	0.64	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3275-5782	1.16	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3275-5782	0.59	2.40	ug/Kg	J
103-65-1	n-Propylbenzene	B3275-5782	0.57	ND	ug/Kg	U
91-20-3	Naphthalene	B3275-5782	0.55	16.7	ug/Kg	
95-47-6	o-xylene	B3275-5782	0.48	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3275-5782	0.57	7.49	ug/Kg	
622-96-8	p-Ethyltoluene	B3275-5782	0.52	2.26	ug/Kg	J
135-98-8	sec-Butylbenzene	B3275-5782	0.55	6.58	ug/Kg	
100-42-5	Styrene	B3275-5782	0.53	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3275-5782	0.57	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3275-5782	0.52	ND	ug/Kg	U
994-05-8	TAME	B3275-5782	0.77	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3275-5782	0.65	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3275-5782	6.63	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3275-5782	0.55	ND	ug/Kg	U
108-88-3	Toluene	B3275-5782	0.59	ND	ug/Kg	U
79-01-6	Trichloroethene	B3275-5782	0.60	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3275-5782	0.69	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3275-5782	0.84	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	B3275-5782	103.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3275-5782	98.7 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3275-5782	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3275-5782	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3973-1479	141	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C3973-1479	175	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C3973-1479	155	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C3973-1479	171	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3973-1479	158	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	C3973-1479	101	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	C3973-1479	124	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	C3973-1479	121	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C3973-1479	121	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C3973-1479	181	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3973-1479	118	11600	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	C3973-1479	151	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	C3973-1479	148	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	C3973-1479	94.1	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	C3973-1479	158	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C3973-1479	165	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	C3973-1479	168	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	C3973-1479	175	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C3973-1479	144	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C3973-1479	128	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	C3973-1479	155	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C3973-1479	134	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	C3973-1479	198	ND	ug/Kg	U
78-93-3	2-Butanone	C3973-1479	645	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C3973-1479	168	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	C3973-1479	121	ND	ug/Kg	U
591-78-6	2-Hexanone	C3973-1479	749	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	C3973-1479	175	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	C3973-1479	114	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C3973-1479	612	ND	ug/Kg	U
67-64-1	Acetone	C3973-1479	981	ND	ug/Kg	U
107-13-1	Acrylonitrile	C3973-1479	2570	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	C3973-1479	144	ND	ug/Kg	U
108-86-1	Bromobenzene	C3973-1479	124	ND	ug/Kg	U
74-97-5	Bromochloromethane	C3973-1479	178	ND	ug/Kg	U
75-27-4	Bromodichloromethane	C3973-1479	168	ND	ug/Kg	U
75-25-2	Bromoform	C3973-1479	124	ND	ug/Kg	U
74-83-9	Bromomethane	C3973-1479	198	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C3973-1479	141	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C3973-1479	175	ND	ug/Kg	U
75-15-0	Carbon disulfide	C3973-1479	134	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	C3973-1479	148	ND	ug/Kg	U
108-90-7	Chlorobenzene	C3973-1479	161	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	C3973-1479	158	ND	ug/Kg	U
75-00-3	Chloroethane	C3973-1479	316	ND	ug/Kg	U
67-66-3	Chloroform	C3973-1479	155	ND	ug/Kg	U
74-87-3	Chloromethane	C3973-1479	171	ND	ug/Kg	U
124-48-1	Dibromochloromethane	C3973-1479	144	ND	ug/Kg	U
74-95-3	Dibromomethane	C3973-1479	158	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C3973-1479	165	ND	ug/Kg	U
100-41-4	Ethylbenzene	C3973-1479	138	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C3973-1479	181	ND	ug/Kg	U
98-82-8	Isopropylbenzene	C3973-1479	148	452	ug/Kg	J
108-38-3	m,p-xylene	C3973-1479	289	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C3973-1479	168	ND	ug/Kg	U
75-09-2	Methylene Chloride	C3973-1479	131	ND	ug/Kg	U
104-51-8	n-Butylbenzene	C3973-1479	144	2380	ug/Kg	
103-65-1	n-Propylbenzene	C3973-1479	138	1180	ug/Kg	J
91-20-3	Naphthalene	C3973-1479	111	ND	ug/Kg	U
95-47-6	o-xylene	C3973-1479	124	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	C3973-1479	131	2190	ug/Kg	
622-96-8	p-Ethyltoluene	C3973-1479	131	351	ug/Kg	J
135-98-8	sec-Butylbenzene	C3973-1479	121	1420	ug/Kg	J
100-42-5	Styrene	C3973-1479	131	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	C3973-1479	90.7	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C3973-1479	124	ND	ug/Kg	U
994-05-8	TAME	C3973-1479	259	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	C3973-1479	148	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C3973-1479	3000	ND	ug/Kg	U
127-18-4	Tetrachloroethene	C3973-1479	198	ND	ug/Kg	U
108-88-3	Toluene	C3973-1479	151	ND	ug/Kg	U
79-01-6	Trichloroethene	C3973-1479	155	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	C3973-1479	175	ND	ug/Kg	U
75-01-4	Vinyl Chloride	C3973-1479	144	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	C3973-1479	109.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	C3973-1479	105.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	C3973-1479	87.6 %	(75 - 159)	
2037-26-5	TOLUENE-D8	C3973-1479	106.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3275-5783	0.51	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3275-5783	0.57	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3275-5783	0.66	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3275-5783	0.69	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3275-5783	0.57	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3275-5783	0.63	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3275-5783	0.41	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3275-5783	0.58	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3275-5783	0.53	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3275-5783	0.78	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3275-5783	0.44	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3275-5783	0.37	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3275-5783	0.41	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3275-5783	0.51	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3275-5783	0.65	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3275-5783	0.52	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3275-5783	0.64	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3275-5783	0.65	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3275-5783	0.48	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3275-5783	0.58	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3275-5783	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3275-5783	0.53	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3275-5783	0.65	ND	ug/Kg	U
78-93-3	2-Butanone	B3275-5783	2.44	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3275-5783	0.70	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3275-5783	0.58	ND	ug/Kg	U
591-78-6	2-Hexanone	B3275-5783	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3275-5783	0.55	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3275-5783	0.52	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3275-5783	2.37	ND	ug/Kg	U
67-64-1	Acetone	B3275-5783	2.86	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3275-5783	7.69	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3275-5783	0.58	ND	ug/Kg	U
108-86-1	Bromobenzene	B3275-5783	0.56	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3275-5783	0.64	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3275-5783	0.52	ND	ug/Kg	U
75-25-2	Bromoform	B3275-5783	0.53	ND	ug/Kg	U
74-83-9	Bromomethane	B3275-5783	0.54	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3275-5783	0.50	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3275-5783	0.56	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3275-5783	0.52	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3275-5783	0.62	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3275-5783	0.67	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3275-5783	0.97	ND	ug/Kg	U
75-00-3	Chloroethane	B3275-5783	0.77	ND	ug/Kg	U
67-66-3	Chloroform	B3275-5783	0.65	ND	ug/Kg	U
74-87-3	Chloromethane	B3275-5783	0.55	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3275-5783	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	B3275-5783	0.87	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3275-5783	0.41	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3275-5783	0.57	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3275-5783	0.53	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3275-5783	0.48	ND	ug/Kg	U
108-38-3	m,p-xylene	B3275-5783	0.99	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3275-5783	0.57	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3275-5783	1.03	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3275-5783	0.53	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3275-5783	0.51	ND	ug/Kg	U
91-20-3	Naphthalene	B3275-5783	0.50	2.71	ug/Kg	J
95-47-6	o-xylene	B3275-5783	0.43	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3275-5783	0.51	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3275-5783	0.46	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3275-5783	0.50	ND	ug/Kg	U
100-42-5	Styrene	B3275-5783	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3275-5783	0.51	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3275-5783	0.46	ND	ug/Kg	U
994-05-8	TAME	B3275-5783	0.69	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3275-5783	0.58	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3275-5783	5.93	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3275-5783	0.50	ND	ug/Kg	U
108-88-3	Toluene	B3275-5783	0.53	ND	ug/Kg	U
79-01-6	Trichloroethene	B3275-5783	0.54	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3275-5783	0.62	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3275-5783	0.75	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	B3275-5783	105.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3275-5783	99.7 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3275-5783	102.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3275-5783	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3275-5784	0.53	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3275-5784	0.60	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3275-5784	0.70	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3275-5784	0.73	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3275-5784	0.60	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3275-5784	0.66	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3275-5784	0.43	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3275-5784	0.61	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3275-5784	0.56	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3275-5784	0.82	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3275-5784	0.46	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3275-5784	0.39	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3275-5784	0.43	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3275-5784	0.53	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3275-5784	0.68	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3275-5784	0.55	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3275-5784	0.67	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3275-5784	0.68	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3275-5784	0.51	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3275-5784	0.61	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3275-5784	0.60	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3275-5784	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3275-5784	0.68	ND	ug/Kg	U
78-93-3	2-Butanone	B3275-5784	2.58	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3275-5784	0.74	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3275-5784	0.61	ND	ug/Kg	U
591-78-6	2-Hexanone	B3275-5784	2.30	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3275-5784	0.58	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3275-5784	0.55	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3275-5784	2.49	ND	ug/Kg	U
67-64-1	Acetone	B3275-5784	3.02	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3275-5784	8.11	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3275-5784	0.61	ND	ug/Kg	U
108-86-1	Bromobenzene	B3275-5784	0.59	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3275-5784	0.67	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3275-5784	0.55	ND	ug/Kg	U
75-25-2	Bromoform	B3275-5784	0.56	ND	ug/Kg	U
74-83-9	Bromomethane	B3275-5784	0.57	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3275-5784	0.52	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3275-5784	0.59	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3275-5784	0.55	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3275-5784	0.65	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3275-5784	0.71	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3275-5784	1.02	ND	ug/Kg	U
75-00-3	Chloroethane	B3275-5784	0.81	ND	ug/Kg	U
67-66-3	Chloroform	B3275-5784	0.68	ND	ug/Kg	U
74-87-3	Chloromethane	B3275-5784	0.58	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3275-5784	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	B3275-5784	0.92	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3275-5784	0.43	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3275-5784	0.60	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3275-5784	0.56	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3275-5784	0.51	ND	ug/Kg	U
108-38-3	m,p-xylene	B3275-5784	1.04	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3275-5784	0.60	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3275-5784	1.09	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3275-5784	0.56	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3275-5784	0.53	ND	ug/Kg	U
91-20-3	Naphthalene	B3275-5784	0.52	ND	ug/Kg	U
95-47-6	o-xylene	B3275-5784	0.45	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3275-5784	0.53	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3275-5784	0.49	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3275-5784	0.52	ND	ug/Kg	U
100-42-5	Styrene	B3275-5784	0.50	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3275-5784	0.53	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3275-5784	0.49	ND	ug/Kg	U
994-05-8	TAME	B3275-5784	0.73	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3275-5784	0.61	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3275-5784	6.25	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3275-5784	0.52	ND	ug/Kg	U
108-88-3	Toluene	B3275-5784	0.56	ND	ug/Kg	U
79-01-6	Trichloroethene	B3275-5784	0.57	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3275-5784	0.65	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3275-5784	0.79	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	B3275-5784	105.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3275-5784	102.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3275-5784	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3275-5784	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3973-1480	60.9	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C3973-1480	75.4	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C3973-1480	66.7	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C3973-1480	73.9	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3973-1480	68.2	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	C3973-1480	43.5	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	C3973-1480	53.7	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	C3973-1480	52.2	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C3973-1480	52.2	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C3973-1480	78.3	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3973-1480	50.8	3750	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	C3973-1480	65.3	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	C3973-1480	63.8	636	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	C3973-1480	40.6	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	C3973-1480	68.2	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C3973-1480	71.1	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	C3973-1480	72.5	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	C3973-1480	75.4	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C3973-1480	62.3	102	ug/Kg	J
541-73-1	1,3-Dichlorobenzene	C3973-1480	55.1	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	C3973-1480	66.7	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C3973-1480	58.0	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	C3973-1480	85.6	ND	ug/Kg	U
78-93-3	2-Butanone	C3973-1480	278	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C3973-1480	72.5	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	C3973-1480	52.2	ND	ug/Kg	U
591-78-6	2-Hexanone	C3973-1480	323	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	C3973-1480	75.4	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	C3973-1480	49.3	479	ug/Kg	J
108-10-1	4-Methyl-2-pentanone	C3973-1480	264	ND	ug/Kg	U
67-64-1	Acetone	C3973-1480	423	ND	ug/Kg	U
107-13-1	Acrylonitrile	C3973-1480	1110	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	C3973-1480	62.3	ND	ug/Kg	U
108-86-1	Bromobenzene	C3973-1480	53.7	ND	ug/Kg	U
74-97-5	Bromochloromethane	C3973-1480	76.8	ND	ug/Kg	U
75-27-4	Bromodichloromethane	C3973-1480	72.5	ND	ug/Kg	U
75-25-2	Bromoform	C3973-1480	53.7	ND	ug/Kg	U
74-83-9	Bromomethane	C3973-1480	85.6	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C3973-1480	60.9	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C3973-1480	75.4	ND	ug/Kg	U
75-15-0	Carbon disulfide	C3973-1480	58.0	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	C3973-1480	63.8	ND	ug/Kg	U
108-90-7	Chlorobenzene	C3973-1480	69.6	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	C3973-1480	68.2	ND	ug/Kg	U
75-00-3	Chloroethane	C3973-1480	136	ND	ug/Kg	U
67-66-3	Chloroform	C3973-1480	66.7	ND	ug/Kg	U
74-87-3	Chloromethane	C3973-1480	73.9	ND	ug/Kg	U
124-48-1	Dibromochloromethane	C3973-1480	62.3	ND	ug/Kg	U
74-95-3	Dibromomethane	C3973-1480	68.2	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C3973-1480	71.1	ND	ug/Kg	U
100-41-4	Ethylbenzene	C3973-1480	59.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C3973-1480	78.3	ND	ug/Kg	U
98-82-8	Isopropylbenzene	C3973-1480	63.8	188	ug/Kg	J
108-38-3	m,p-xylene	C3973-1480	125	438	ug/Kg	J
1634-04-4	Methyl t-butyl ether	C3973-1480	72.5	ND	ug/Kg	U
75-09-2	Methylene Chloride	C3973-1480	56.5	ND	ug/Kg	U
104-51-8	n-Butylbenzene	C3973-1480	62.3	1240	ug/Kg	
103-65-1	n-Propylbenzene	C3973-1480	59.5	517	ug/Kg	J
91-20-3	Naphthalene	C3973-1480	47.8	3250	ug/Kg	
95-47-6	o-xylene	C3973-1480	53.7	92.2	ug/Kg	J
105-05-5	p-Diethylbenzene	C3973-1480	56.5	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	C3973-1480	56.5	730	ug/Kg	
135-98-8	sec-Butylbenzene	C3973-1480	52.2	666	ug/Kg	J
100-42-5	Styrene	C3973-1480	56.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	C3973-1480	39.2	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C3973-1480	53.7	ND	ug/Kg	U
994-05-8	TAME	C3973-1480	112	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	C3973-1480	63.8	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C3973-1480	1290	ND	ug/Kg	U
127-18-4	Tetrachloroethene	C3973-1480	85.6	ND	ug/Kg	U
108-88-3	Toluene	C3973-1480	65.3	89.2	ug/Kg	J
79-01-6	Trichloroethene	C3973-1480	66.7	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	C3973-1480	75.4	ND	ug/Kg	U
75-01-4	Vinyl Chloride	C3973-1480	62.3	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	C3973-1480	111.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	C3973-1480	101.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	C3973-1480	86.7 %	(75 - 159)	
2037-26-5	TOLUENE-D8	C3973-1480	101.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3275-5785	0.51	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3275-5785	0.57	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3275-5785	0.66	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3275-5785	0.69	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3275-5785	0.57	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3275-5785	0.63	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3275-5785	0.41	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3275-5785	0.58	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3275-5785	0.53	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3275-5785	0.78	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3275-5785	0.44	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3275-5785	0.37	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3275-5785	0.41	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3275-5785	0.51	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3275-5785	0.65	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3275-5785	0.52	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3275-5785	0.64	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3275-5785	0.65	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3275-5785	0.48	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3275-5785	0.58	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3275-5785	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3275-5785	0.53	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3275-5785	0.65	ND	ug/Kg	U
78-93-3	2-Butanone	B3275-5785	2.44	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3275-5785	0.70	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3275-5785	0.58	ND	ug/Kg	U
591-78-6	2-Hexanone	B3275-5785	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3275-5785	0.55	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3275-5785	0.52	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3275-5785	2.37	ND	ug/Kg	U
67-64-1	Acetone	B3275-5785	2.86	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3275-5785	7.69	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3275-5785	0.58	ND	ug/Kg	U
108-86-1	Bromobenzene	B3275-5785	0.56	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3275-5785	0.64	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3275-5785	0.52	ND	ug/Kg	U
75-25-2	Bromoform	B3275-5785	0.53	ND	ug/Kg	U
74-83-9	Bromomethane	B3275-5785	0.54	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3275-5785	0.50	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3275-5785	0.56	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3275-5785	0.52	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3275-5785	0.62	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3275-5785	0.67	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3275-5785	0.97	ND	ug/Kg	U
75-00-3	Chloroethane	B3275-5785	0.77	ND	ug/Kg	U
67-66-3	Chloroform	B3275-5785	0.65	ND	ug/Kg	U
74-87-3	Chloromethane	B3275-5785	0.55	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3275-5785	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	B3275-5785	0.87	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3275-5785	0.41	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3275-5785	0.57	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3275-5785	0.53	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3275-5785	0.48	ND	ug/Kg	U
108-38-3	m,p-xylene	B3275-5785	0.99	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3275-5785	0.57	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3275-5785	1.03	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3275-5785	0.53	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3275-5785	0.51	ND	ug/Kg	U
91-20-3	Naphthalene	B3275-5785	0.50	ND	ug/Kg	U
95-47-6	o-xylene	B3275-5785	0.43	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3275-5785	0.51	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3275-5785	0.46	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3275-5785	0.50	ND	ug/Kg	U
100-42-5	Styrene	B3275-5785	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3275-5785	0.51	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3275-5785	0.46	ND	ug/Kg	U
994-05-8	TAME	B3275-5785	0.69	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3275-5785	0.58	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3275-5785	5.93	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3275-5785	0.50	ND	ug/Kg	U
108-88-3	Toluene	B3275-5785	0.53	ND	ug/Kg	U
79-01-6	Trichloroethene	B3275-5785	0.54	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3275-5785	0.62	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3275-5785	0.75	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	B3275-5785	109.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3275-5785	101.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3275-5785	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3275-5785	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5825	0.99	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5825	1.12	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5825	1.29	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5825	1.35	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5825	1.12	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5825	1.23	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5825	0.80	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5825	1.14	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5825	1.03	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5825	1.53	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5825	0.86	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5825	0.73	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5825	0.80	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5825	0.99	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5825	1.27	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5825	1.01	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5825	1.25	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5825	1.27	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5825	0.95	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5825	1.14	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5825	1.12	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5825	1.03	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5825	1.27	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5825	4.77	49.8	ug/Kg	J
110-75-8	2-Chloroethylvinylether	B3277-5825	1.38	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5825	1.14	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5825	4.26	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5825	1.08	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5825	1.01	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5825	4.62	ND	ug/Kg	U
67-64-1	Acetone	B3277-5825	5.59	297	ug/Kg	
107-13-1	Acrylonitrile	B3277-5825	15.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5825	1.14	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5825	1.10	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5825	1.25	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5825	1.01	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5825	1.03	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5825	1.05	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5825	0.97	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5825	1.10	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5825	1.01	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3277-5825	1.20	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5825	1.31	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5825	1.89	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5825	1.50	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5825	1.27	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5825	1.08	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5825	0.99	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5825	1.70	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5825	0.80	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5825	1.12	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5825	1.03	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5825	0.95	1.61	ug/Kg	J
108-38-3	m,p-xylene	B3277-5825	1.93	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5825	1.12	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5825	2.02	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5825	1.03	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5825	0.99	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5825	0.97	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5825	0.84	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5825	0.99	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5825	0.90	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5825	0.97	ND	ug/Kg	U
100-42-5	Styrene	B3277-5825	0.92	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5825	0.99	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5825	0.90	ND	ug/Kg	U
994-05-8	TAME	B3277-5825	1.35	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5825	1.14	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5825	11.6	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5825	0.97	ND	ug/Kg	U
108-88-3	Toluene	B3277-5825	1.03	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5825	1.05	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5825	1.20	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5825	1.46	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	B3277-5825	103.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5825	97.7 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5825	107.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5825	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3974-1496	71.8	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C3974-1496	88.9	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C3974-1496	78.7	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C3974-1496	87.2	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3974-1496	80.4	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	C3974-1496	51.3	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	C3974-1496	63.3	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	C3974-1496	61.6	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C3974-1496	61.6	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C3974-1496	92.3	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3974-1496	59.8	5320	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	C3974-1496	76.9	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	C3974-1496	75.2	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	C3974-1496	47.9	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	C3974-1496	80.4	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C3974-1496	83.8	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	C3974-1496	85.5	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	C3974-1496	88.9	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C3974-1496	73.5	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C3974-1496	65.0	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	C3974-1496	78.7	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C3974-1496	68.4	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	C3974-1496	101	ND	ug/Kg	U
78-93-3	2-Butanone	C3974-1496	328	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C3974-1496	85.5	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	C3974-1496	61.6	ND	ug/Kg	U
591-78-6	2-Hexanone	C3974-1496	381	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	C3974-1496	88.9	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	C3974-1496	58.1	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C3974-1496	311	ND	ug/Kg	U
67-64-1	Acetone	C3974-1496	499	ND	ug/Kg	U
107-13-1	Acrylonitrile	C3974-1496	1310	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	C3974-1496	73.5	ND	ug/Kg	U
108-86-1	Bromobenzene	C3974-1496	63.3	ND	ug/Kg	U
74-97-5	Bromochloromethane	C3974-1496	90.6	ND	ug/Kg	U
75-27-4	Bromodichloromethane	C3974-1496	85.5	ND	ug/Kg	U
75-25-2	Bromoform	C3974-1496	63.3	ND	ug/Kg	U
74-83-9	Bromomethane	C3974-1496	101	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C3974-1496	71.8	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C3974-1496	88.9	ND	ug/Kg	U
75-15-0	Carbon disulfide	C3974-1496	68.4	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	C3974-1496	75.2	ND	ug/Kg	U
108-90-7	Chlorobenzene	C3974-1496	82.1	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	C3974-1496	80.4	ND	ug/Kg	U
75-00-3	Chloroethane	C3974-1496	161	ND	ug/Kg	U
67-66-3	Chloroform	C3974-1496	78.7	ND	ug/Kg	U
74-87-3	Chloromethane	C3974-1496	87.2	ND	ug/Kg	U
124-48-1	Dibromochloromethane	C3974-1496	73.5	ND	ug/Kg	U
74-95-3	Dibromomethane	C3974-1496	80.4	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C3974-1496	83.8	ND	ug/Kg	U
100-41-4	Ethylbenzene	C3974-1496	70.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C3974-1496	92.3	ND	ug/Kg	U
98-82-8	Isopropylbenzene	C3974-1496	75.2	269	ug/Kg	J
108-38-3	m,p-xylene	C3974-1496	147	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C3974-1496	85.5	ND	ug/Kg	U
75-09-2	Methylene Chloride	C3974-1496	66.7	ND	ug/Kg	U
104-51-8	n-Butylbenzene	C3974-1496	73.5	ND	ug/Kg	U
103-65-1	n-Propylbenzene	C3974-1496	70.1	764	ug/Kg	J
91-20-3	Naphthalene	C3974-1496	56.4	ND	ug/Kg	U
95-47-6	o-xylene	C3974-1496	63.3	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	C3974-1496	66.7	1190	ug/Kg	
622-96-8	p-Ethyltoluene	C3974-1496	66.7	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	C3974-1496	61.6	1340	ug/Kg	
100-42-5	Styrene	C3974-1496	66.7	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	C3974-1496	46.2	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C3974-1496	63.3	ND	ug/Kg	U
994-05-8	TAME	C3974-1496	132	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	C3974-1496	75.2	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C3974-1496	1530	ND	ug/Kg	U
127-18-4	Tetrachloroethene	C3974-1496	101	ND	ug/Kg	U
108-88-3	Toluene	C3974-1496	76.9	ND	ug/Kg	U
79-01-6	Trichloroethene	C3974-1496	78.7	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	C3974-1496	88.9	ND	ug/Kg	U
75-01-4	Vinyl Chloride	C3974-1496	73.5	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	C3974-1496	116.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	C3974-1496	105.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	C3974-1496	83.8 %	(75 - 159)	
2037-26-5	TOLUENE-D8	C3974-1496	105.0 %	(74 - 136)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3275-5786	0.75	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3275-5786	0.85	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3275-5786	0.98	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3275-5786	1.03	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3275-5786	0.85	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3275-5786	0.93	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3275-5786	0.61	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3275-5786	0.87	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3275-5786	0.79	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3275-5786	1.16	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3275-5786	0.66	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3275-5786	0.56	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3275-5786	0.61	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3275-5786	0.75	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3275-5786	0.97	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3275-5786	0.77	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3275-5786	0.95	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3275-5786	0.97	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3275-5786	0.72	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3275-5786	0.87	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3275-5786	0.85	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3275-5786	0.79	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3275-5786	0.97	ND	ug/Kg	U
78-93-3	2-Butanone	B3275-5786	3.64	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3275-5786	1.05	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3275-5786	0.87	ND	ug/Kg	U
591-78-6	2-Hexanone	B3275-5786	3.25	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3275-5786	0.82	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3275-5786	0.77	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3275-5786	3.53	ND	ug/Kg	U
67-64-1	Acetone	B3275-5786	4.26	26.4	ug/Kg	J
107-13-1	Acrylonitrile	B3275-5786	11.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3275-5786	0.87	ND	ug/Kg	U
108-86-1	Bromobenzene	B3275-5786	0.84	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3275-5786	0.95	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3275-5786	0.77	ND	ug/Kg	U
75-25-2	Bromoform	B3275-5786	0.79	ND	ug/Kg	U
74-83-9	Bromomethane	B3275-5786	0.80	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3275-5786	0.74	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3275-5786	0.84	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3275-5786	0.77	207	ug/Kg	
56-23-5	Carbon Tetrachloride	B3275-5786	0.92	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3275-5786	1.00	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3275-5786	1.44	ND	ug/Kg	U
75-00-3	Chloroethane	B3275-5786	1.15	ND	ug/Kg	U
67-66-3	Chloroform	B3275-5786	0.97	ND	ug/Kg	U
74-87-3	Chloromethane	B3275-5786	0.82	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3275-5786	0.75	ND	ug/Kg	U
74-95-3	Dibromomethane	B3275-5786	1.30	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3275-5786	0.61	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3275-5786	0.85	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3275-5786	0.79	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3275-5786	0.72	ND	ug/Kg	U
108-38-3	m,p-xylene	B3275-5786	1.48	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3275-5786	0.85	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3275-5786	1.54	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3275-5786	0.79	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3275-5786	0.75	ND	ug/Kg	U
91-20-3	Naphthalene	B3275-5786	0.74	ND	ug/Kg	U
95-47-6	o-xylene	B3275-5786	0.64	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3275-5786	0.75	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3275-5786	0.69	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3275-5786	0.74	ND	ug/Kg	U
100-42-5	Styrene	B3275-5786	0.71	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3275-5786	0.75	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3275-5786	0.69	ND	ug/Kg	U
994-05-8	TAME	B3275-5786	1.03	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3275-5786	0.87	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3275-5786	8.84	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3275-5786	0.74	ND	ug/Kg	U
108-88-3	Toluene	B3275-5786	0.79	ND	ug/Kg	U
79-01-6	Trichloroethene	B3275-5786	0.80	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3275-5786	0.92	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3275-5786	1.12	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	B3275-5786	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3275-5786	100.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3275-5786	104.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3275-5786	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5826	3.12	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5826	3.53	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5826	4.07	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5826	4.28	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5826	3.53	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5826	3.87	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5826	2.51	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5826	3.60	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5826	3.26	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5826	4.82	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5826	2.72	104	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	B3277-5826	2.31	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5826	2.51	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5826	3.12	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5826	4.01	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5826	3.19	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5826	3.94	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5826	4.01	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5826	2.99	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5826	3.60	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5826	3.53	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5826	3.26	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5826	4.01	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5826	15.1	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5826	4.35	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5826	3.60	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5826	13.4	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5826	3.39	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5826	3.19	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5826	14.6	ND	ug/Kg	U
67-64-1	Acetone	B3277-5826	17.7	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3277-5826	47.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5826	3.60	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5826	3.46	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5826	3.94	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5826	3.19	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5826	3.26	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5826	3.33	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5826	3.06	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5826	3.46	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5826	3.19	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3277-5826	3.80	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5826	4.14	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5826	5.98	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5826	4.75	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5826	4.01	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5826	3.39	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5826	3.12	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5826	5.36	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5826	2.51	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5826	3.53	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5826	3.26	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5826	2.99	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5826	6.11	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5826	3.53	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5826	6.38	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5826	3.26	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5826	3.12	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5826	3.06	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5826	2.65	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5826	3.12	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5826	2.85	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5826	3.06	ND	ug/Kg	U
100-42-5	Styrene	B3277-5826	2.92	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5826	3.12	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5826	2.85	ND	ug/Kg	U
994-05-8	TAME	B3277-5826	4.28	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5826	3.60	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5826	36.6	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5826	3.06	ND	ug/Kg	U
108-88-3	Toluene	B3277-5826	3.26	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5826	3.33	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5826	3.80	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5826	4.62	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	B3277-5826	98.4 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5826	99.5 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5826	105.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5826	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: **1108070-18**

Client Sample ID: SB-44C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/19/2011

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5827	2.82	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5827	3.19	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5827	3.68	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5827	3.86	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5827	3.19	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5827	3.49	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5827	2.27	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5827	3.25	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5827	2.94	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5827	4.35	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5827	2.45	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5827	2.08	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5827	2.27	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5827	2.82	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5827	3.62	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5827	2.88	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5827	3.56	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5827	3.62	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5827	2.70	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5827	3.25	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5827	3.19	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5827	2.94	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5827	3.62	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5827	13.6	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5827	3.92	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5827	3.25	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5827	12.1	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5827	3.07	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5827	2.88	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5827	13.2	ND	ug/Kg	U
67-64-1	Acetone	B3277-5827	15.9	188	ug/Kg	
107-13-1	Acrylonitrile	B3277-5827	42.8	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/19/2011

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5827	3.25	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5827	3.13	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5827	3.56	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5827	2.88	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5827	2.94	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5827	3.00	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5827	2.76	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5827	3.13	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5827	2.88	36.8	ug/Kg	
56-23-5	Carbon Tetrachloride	B3277-5827	3.43	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5827	3.74	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5827	5.39	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5827	4.29	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5827	3.62	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5827	3.07	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5827	2.82	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5827	4.84	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5827	2.27	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5827	3.19	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5827	2.94	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5827	2.70	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5827	5.52	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5827	3.19	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5827	5.76	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5827	2.94	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5827	2.82	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5827	2.76	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5827	2.39	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5827	2.82	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5827	2.57	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5827	2.76	ND	ug/Kg	U
100-42-5	Styrene	B3277-5827	2.64	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/19/2011

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5827	2.82	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5827	2.57	ND	ug/Kg	U
994-05-8	TAME	B3277-5827	3.86	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5827	3.25	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5827	33.0	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5827	2.76	ND	ug/Kg	U
108-88-3	Toluene	B3277-5827	2.94	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5827	3.00	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5827	3.43	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5827	4.17	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	B3277-5827	100.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5827	98.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5827	101.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5827	106.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-19

Client Sample ID: S-44A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 13:55

% Solid: 86.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3275-5787	0.53	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3275-5787	0.60	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3275-5787	0.70	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3275-5787	0.73	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3275-5787	0.60	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3275-5787	0.66	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3275-5787	0.43	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3275-5787	0.61	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3275-5787	0.56	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3275-5787	0.82	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3275-5787	0.46	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3275-5787	0.39	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3275-5787	0.43	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3275-5787	0.53	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3275-5787	0.68	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3275-5787	0.55	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3275-5787	0.67	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3275-5787	0.68	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3275-5787	0.51	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3275-5787	0.61	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3275-5787	0.60	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3275-5787	0.56	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3275-5787	0.68	ND	ug/Kg	U
78-93-3	2-Butanone	B3275-5787	2.58	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3275-5787	0.74	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3275-5787	0.61	ND	ug/Kg	U
591-78-6	2-Hexanone	B3275-5787	2.30	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3275-5787	0.58	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3275-5787	0.55	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3275-5787	2.49	ND	ug/Kg	U
67-64-1	Acetone	B3275-5787	3.02	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3275-5787	8.11	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-19

Client Sample ID: S-44A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 13:55

% Solid: 86.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3275-5787	0.61	ND	ug/Kg	U
108-86-1	Bromobenzene	B3275-5787	0.59	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3275-5787	0.67	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3275-5787	0.55	ND	ug/Kg	U
75-25-2	Bromoform	B3275-5787	0.56	ND	ug/Kg	U
74-83-9	Bromomethane	B3275-5787	0.57	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3275-5787	0.52	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3275-5787	0.59	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3275-5787	0.55	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3275-5787	0.65	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3275-5787	0.71	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3275-5787	1.02	ND	ug/Kg	U
75-00-3	Chloroethane	B3275-5787	0.81	ND	ug/Kg	U
67-66-3	Chloroform	B3275-5787	0.68	ND	ug/Kg	U
74-87-3	Chloromethane	B3275-5787	0.58	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3275-5787	0.53	ND	ug/Kg	U
74-95-3	Dibromomethane	B3275-5787	0.92	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3275-5787	0.43	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3275-5787	0.60	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3275-5787	0.56	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3275-5787	0.51	ND	ug/Kg	U
108-38-3	m,p-xylene	B3275-5787	1.04	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3275-5787	0.60	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3275-5787	1.09	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3275-5787	0.56	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3275-5787	0.53	ND	ug/Kg	U
91-20-3	Naphthalene	B3275-5787	0.52	ND	ug/Kg	U
95-47-6	o-xylene	B3275-5787	0.45	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3275-5787	0.53	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3275-5787	0.49	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3275-5787	0.52	ND	ug/Kg	U
100-42-5	Styrene	B3275-5787	0.50	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-19

Client Sample ID: S-44A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 13:55

% Solid: 86.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3275-5787	0.53	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3275-5787	0.49	ND	ug/Kg	U
994-05-8	TAME	B3275-5787	0.73	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3275-5787	0.61	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3275-5787	6.25	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3275-5787	0.52	ND	ug/Kg	U
108-88-3	Toluene	B3275-5787	0.56	ND	ug/Kg	U
79-01-6	Trichloroethene	B3275-5787	0.57	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3275-5787	0.65	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3275-5787	0.79	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	B3275-5787	103.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3275-5787	99.3 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3275-5787	95.2 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3275-5787	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3276-5805	0.52	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3276-5805	0.59	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3276-5805	0.68	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3276-5805	0.71	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3276-5805	0.59	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3276-5805	0.64	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3276-5805	0.42	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3276-5805	0.60	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3276-5805	0.54	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3276-5805	0.80	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3276-5805	0.45	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3276-5805	0.38	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3276-5805	0.42	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3276-5805	0.52	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3276-5805	0.67	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3276-5805	0.53	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3276-5805	0.66	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3276-5805	0.67	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3276-5805	0.50	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3276-5805	0.60	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3276-5805	0.59	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3276-5805	0.54	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3276-5805	0.67	ND	ug/Kg	U
78-93-3	2-Butanone	B3276-5805	2.51	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3276-5805	0.72	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3276-5805	0.60	ND	ug/Kg	U
591-78-6	2-Hexanone	B3276-5805	2.24	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3276-5805	0.56	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3276-5805	0.53	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3276-5805	2.43	ND	ug/Kg	U
67-64-1	Acetone	B3276-5805	2.94	13.6	ug/Kg	J
107-13-1	Acrylonitrile	B3276-5805	7.90	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3276-5805	0.60	ND	ug/Kg	U
108-86-1	Bromobenzene	B3276-5805	0.58	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3276-5805	0.66	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3276-5805	0.53	ND	ug/Kg	U
75-25-2	Bromoform	B3276-5805	0.54	ND	ug/Kg	U
74-83-9	Bromomethane	B3276-5805	0.55	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3276-5805	0.51	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3276-5805	0.58	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3276-5805	0.53	2.38	ug/Kg	J
56-23-5	Carbon Tetrachloride	B3276-5805	0.63	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3276-5805	0.69	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3276-5805	0.99	ND	ug/Kg	U
75-00-3	Chloroethane	B3276-5805	0.79	ND	ug/Kg	U
67-66-3	Chloroform	B3276-5805	0.67	ND	ug/Kg	U
74-87-3	Chloromethane	B3276-5805	0.56	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3276-5805	0.52	ND	ug/Kg	U
74-95-3	Dibromomethane	B3276-5805	0.89	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3276-5805	0.42	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3276-5805	0.59	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3276-5805	0.54	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3276-5805	0.50	ND	ug/Kg	U
108-38-3	m,p-xylene	B3276-5805	1.02	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3276-5805	0.59	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3276-5805	1.06	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3276-5805	0.54	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3276-5805	0.52	ND	ug/Kg	U
91-20-3	Naphthalene	B3276-5805	0.51	ND	ug/Kg	U
95-47-6	o-xylene	B3276-5805	0.44	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3276-5805	0.52	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3276-5805	0.47	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3276-5805	0.51	ND	ug/Kg	U
100-42-5	Styrene	B3276-5805	0.49	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3276-5805	0.52	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3276-5805	0.47	ND	ug/Kg	U
994-05-8	TAME	B3276-5805	0.71	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3276-5805	0.60	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3276-5805	6.09	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3276-5805	0.51	ND	ug/Kg	U
108-88-3	Toluene	B3276-5805	0.54	ND	ug/Kg	U
79-01-6	Trichloroethene	B3276-5805	0.55	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3276-5805	0.63	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3276-5805	0.77	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	B3276-5805	98.8 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3276-5805	100.0 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3276-5805	103.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3276-5805	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3276-5806	0.55	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3276-5806	0.62	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3276-5806	0.72	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3276-5806	0.76	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3276-5806	0.62	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3276-5806	0.68	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3276-5806	0.44	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3276-5806	0.64	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3276-5806	0.58	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3276-5806	0.85	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3276-5806	0.48	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3276-5806	0.41	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3276-5806	0.44	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3276-5806	0.55	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3276-5806	0.71	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3276-5806	0.56	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3276-5806	0.70	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3276-5806	0.71	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3276-5806	0.53	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3276-5806	0.64	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3276-5806	0.62	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3276-5806	0.58	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3276-5806	0.71	ND	ug/Kg	U
78-93-3	2-Butanone	B3276-5806	2.66	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3276-5806	0.77	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3276-5806	0.64	ND	ug/Kg	U
591-78-6	2-Hexanone	B3276-5806	2.38	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3276-5806	0.60	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3276-5806	0.56	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3276-5806	2.58	ND	ug/Kg	U
67-64-1	Acetone	B3276-5806	3.12	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3276-5806	8.39	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3276-5806	0.64	ND	ug/Kg	U
108-86-1	Bromobenzene	B3276-5806	0.61	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3276-5806	0.70	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3276-5806	0.56	ND	ug/Kg	U
75-25-2	Bromoform	B3276-5806	0.58	ND	ug/Kg	U
74-83-9	Bromomethane	B3276-5806	0.59	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3276-5806	0.54	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3276-5806	0.61	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3276-5806	0.56	5.14	ug/Kg	J
56-23-5	Carbon Tetrachloride	B3276-5806	0.67	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3276-5806	0.73	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3276-5806	1.06	ND	ug/Kg	U
75-00-3	Chloroethane	B3276-5806	0.84	ND	ug/Kg	U
67-66-3	Chloroform	B3276-5806	0.71	ND	ug/Kg	U
74-87-3	Chloromethane	B3276-5806	0.60	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3276-5806	0.55	ND	ug/Kg	U
74-95-3	Dibromomethane	B3276-5806	0.95	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3276-5806	0.44	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3276-5806	0.62	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3276-5806	0.58	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3276-5806	0.53	ND	ug/Kg	U
108-38-3	m,p-xylene	B3276-5806	1.08	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3276-5806	0.62	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3276-5806	1.13	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3276-5806	0.58	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3276-5806	0.55	ND	ug/Kg	U
91-20-3	Naphthalene	B3276-5806	0.54	ND	ug/Kg	U
95-47-6	o-xylene	B3276-5806	0.47	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3276-5806	0.55	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3276-5806	0.50	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3276-5806	0.54	ND	ug/Kg	U
100-42-5	Styrene	B3276-5806	0.52	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3276-5806	0.55	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3276-5806	0.50	ND	ug/Kg	U
994-05-8	TAME	B3276-5806	0.76	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3276-5806	0.64	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3276-5806	6.47	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3276-5806	0.54	ND	ug/Kg	U
108-88-3	Toluene	B3276-5806	0.58	ND	ug/Kg	U
79-01-6	Trichloroethene	B3276-5806	0.59	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3276-5806	0.67	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3276-5806	0.82	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	B3276-5806	96.7 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3276-5806	98.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3276-5806	101.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3276-5806	104.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3276-5808	0.50	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3276-5808	0.57	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3276-5808	0.65	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3276-5808	0.69	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3276-5808	0.57	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3276-5808	0.62	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3276-5808	0.40	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3276-5808	0.58	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3276-5808	0.52	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3276-5808	0.77	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3276-5808	0.44	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3276-5808	0.37	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3276-5808	0.40	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3276-5808	0.50	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3276-5808	0.64	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3276-5808	0.51	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3276-5808	0.63	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3276-5808	0.64	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3276-5808	0.48	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3276-5808	0.58	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3276-5808	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3276-5808	0.52	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3276-5808	0.64	ND	ug/Kg	U
78-93-3	2-Butanone	B3276-5808	2.42	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3276-5808	0.70	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3276-5808	0.58	ND	ug/Kg	U
591-78-6	2-Hexanone	B3276-5808	2.16	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3276-5808	0.55	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3276-5808	0.51	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3276-5808	2.34	ND	ug/Kg	U
67-64-1	Acetone	B3276-5808	2.83	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3276-5808	7.62	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3276-5808	0.58	ND	ug/Kg	U
108-86-1	Bromobenzene	B3276-5808	0.56	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3276-5808	0.63	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3276-5808	0.51	ND	ug/Kg	U
75-25-2	Bromoform	B3276-5808	0.52	ND	ug/Kg	U
74-83-9	Bromomethane	B3276-5808	0.53	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3276-5808	0.49	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3276-5808	0.56	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3276-5808	0.51	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3276-5808	0.61	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3276-5808	0.66	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3276-5808	0.96	ND	ug/Kg	U
75-00-3	Chloroethane	B3276-5808	0.76	ND	ug/Kg	U
67-66-3	Chloroform	B3276-5808	0.64	ND	ug/Kg	U
74-87-3	Chloromethane	B3276-5808	0.55	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3276-5808	0.50	ND	ug/Kg	U
74-95-3	Dibromomethane	B3276-5808	0.86	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3276-5808	0.40	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3276-5808	0.57	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3276-5808	0.52	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3276-5808	0.48	ND	ug/Kg	U
108-38-3	m,p-xylene	B3276-5808	0.98	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3276-5808	0.57	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3276-5808	1.02	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3276-5808	0.52	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3276-5808	0.50	ND	ug/Kg	U
91-20-3	Naphthalene	B3276-5808	0.49	ND	ug/Kg	U
95-47-6	o-xylene	B3276-5808	0.43	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3276-5808	0.50	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3276-5808	0.46	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3276-5808	0.49	ND	ug/Kg	U
100-42-5	Styrene	B3276-5808	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3276-5808	0.50	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3276-5808	0.46	ND	ug/Kg	U
994-05-8	TAME	B3276-5808	0.69	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3276-5808	0.58	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3276-5808	5.88	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3276-5808	0.49	ND	ug/Kg	U
108-88-3	Toluene	B3276-5808	0.52	ND	ug/Kg	U
79-01-6	Trichloroethene	B3276-5808	0.53	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3276-5808	0.61	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3276-5808	0.74	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	B3276-5808	99.2 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3276-5808	96.5 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3276-5808	104.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3276-5808	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-23

Client Sample ID: S-48A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:24

% Solid: 93.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3276-5809	0.49	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3276-5809	0.56	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3276-5809	0.64	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3276-5809	0.67	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3276-5809	0.56	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3276-5809	0.61	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3276-5809	0.40	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3276-5809	0.57	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3276-5809	0.51	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3276-5809	0.76	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3276-5809	0.43	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3276-5809	0.36	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3276-5809	0.40	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3276-5809	0.49	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3276-5809	0.63	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3276-5809	0.50	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3276-5809	0.62	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3276-5809	0.63	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3276-5809	0.47	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3276-5809	0.57	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3276-5809	0.56	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3276-5809	0.51	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3276-5809	0.63	ND	ug/Kg	U
78-93-3	2-Butanone	B3276-5809	2.38	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3276-5809	0.68	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3276-5809	0.57	ND	ug/Kg	U
591-78-6	2-Hexanone	B3276-5809	2.12	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3276-5809	0.54	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3276-5809	0.50	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3276-5809	2.30	ND	ug/Kg	U
67-64-1	Acetone	B3276-5809	2.78	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3276-5809	7.48	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-23

Client Sample ID: S-48A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:24

% Solid: 93.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3276-5809	0.57	ND	ug/Kg	U
108-86-1	Bromobenzene	B3276-5809	0.55	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3276-5809	0.62	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3276-5809	0.50	ND	ug/Kg	U
75-25-2	Bromoform	B3276-5809	0.51	ND	ug/Kg	U
74-83-9	Bromomethane	B3276-5809	0.52	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3276-5809	0.48	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3276-5809	0.55	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3276-5809	0.50	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3276-5809	0.60	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3276-5809	0.65	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3276-5809	0.94	ND	ug/Kg	U
75-00-3	Chloroethane	B3276-5809	0.75	ND	ug/Kg	U
67-66-3	Chloroform	B3276-5809	0.63	ND	ug/Kg	U
74-87-3	Chloromethane	B3276-5809	0.54	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3276-5809	0.49	ND	ug/Kg	U
74-95-3	Dibromomethane	B3276-5809	0.85	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3276-5809	0.40	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3276-5809	0.56	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3276-5809	0.51	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3276-5809	0.47	ND	ug/Kg	U
108-38-3	m,p-xylene	B3276-5809	0.96	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3276-5809	0.56	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3276-5809	1.01	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3276-5809	0.51	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3276-5809	0.49	ND	ug/Kg	U
91-20-3	Naphthalene	B3276-5809	0.48	ND	ug/Kg	U
95-47-6	o-xylene	B3276-5809	0.42	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3276-5809	0.49	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3276-5809	0.45	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3276-5809	0.48	ND	ug/Kg	U
100-42-5	Styrene	B3276-5809	0.46	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-23

Client Sample ID: S-48A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:24

% Solid: 93.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3276-5809	0.49	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3276-5809	0.45	ND	ug/Kg	U
994-05-8	TAME	B3276-5809	0.67	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3276-5809	0.57	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3276-5809	5.77	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3276-5809	0.48	ND	ug/Kg	U
108-88-3	Toluene	B3276-5809	0.51	ND	ug/Kg	U
79-01-6	Trichloroethene	B3276-5809	0.52	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3276-5809	0.60	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3276-5809	0.73	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	B3276-5809	98.8 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3276-5809	97.4 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3276-5809	105.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3276-5809	102.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5817	0.51	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5817	0.57	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5817	0.66	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5817	0.69	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5817	0.57	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5817	0.63	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5817	0.41	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5817	0.58	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5817	0.53	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5817	0.78	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5817	0.44	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5817	0.37	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5817	0.41	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5817	0.51	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5817	0.65	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5817	0.52	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5817	0.64	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5817	0.65	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5817	0.48	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5817	0.58	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5817	0.57	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5817	0.53	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5817	0.65	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5817	2.44	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5817	0.70	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5817	0.58	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5817	2.18	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5817	0.55	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5817	0.52	1.41	ug/Kg	J
108-10-1	4-Methyl-2-pentanone	B3277-5817	2.37	ND	ug/Kg	U
67-64-1	Acetone	B3277-5817	2.86	179	ug/Kg	
107-13-1	Acrylonitrile	B3277-5817	7.69	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5817	0.58	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5817	0.56	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5817	0.64	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5817	0.52	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5817	0.53	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5817	0.54	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5817	0.50	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5817	0.56	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5817	0.52	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3277-5817	0.62	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5817	0.67	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5817	0.97	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5817	0.77	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5817	0.65	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5817	0.55	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5817	0.51	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5817	0.87	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5817	0.41	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5817	0.57	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5817	0.53	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5817	0.48	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5817	0.99	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5817	0.57	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5817	1.03	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5817	0.53	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5817	0.51	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5817	0.50	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5817	0.43	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5817	0.51	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5817	0.46	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5817	0.50	ND	ug/Kg	U
100-42-5	Styrene	B3277-5817	0.47	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5817	0.51	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5817	0.46	ND	ug/Kg	U
994-05-8	TAME	B3277-5817	0.69	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5817	0.58	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5817	5.93	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5817	0.50	ND	ug/Kg	U
108-88-3	Toluene	B3277-5817	0.53	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5817	0.54	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5817	0.62	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5817	0.75	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	B3277-5817	107.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5817	99.1 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5817	111.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5817	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5818	0.55	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5818	0.62	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5818	0.72	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5818	0.76	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5818	0.62	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5818	0.68	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5818	0.44	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5818	0.64	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5818	0.58	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5818	0.85	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5818	0.48	0.78	ug/Kg	J
120-82-1	1,2,4-Trichlorobenzene	B3277-5818	0.41	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5818	0.44	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5818	0.55	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5818	0.71	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5818	0.56	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5818	0.70	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5818	0.71	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5818	0.53	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5818	0.64	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5818	0.62	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5818	0.58	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5818	0.71	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5818	2.66	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5818	0.77	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5818	0.64	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5818	2.38	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5818	0.60	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5818	0.56	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5818	2.58	ND	ug/Kg	U
67-64-1	Acetone	B3277-5818	3.12	7.30	ug/Kg	J
107-13-1	Acrylonitrile	B3277-5818	8.39	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5818	0.64	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5818	0.61	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5818	0.70	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5818	0.56	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5818	0.58	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5818	0.59	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5818	0.54	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5818	0.61	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5818	0.56	10.5	ug/Kg	
56-23-5	Carbon Tetrachloride	B3277-5818	0.67	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5818	0.73	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5818	1.06	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5818	0.84	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5818	0.71	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5818	0.60	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5818	0.55	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5818	0.95	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5818	0.44	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5818	0.62	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5818	0.58	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5818	0.53	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5818	1.08	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5818	0.62	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5818	1.13	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5818	0.58	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5818	0.55	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5818	0.54	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5818	0.47	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5818	0.55	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5818	0.50	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5818	0.54	ND	ug/Kg	U
100-42-5	Styrene	B3277-5818	0.52	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5818	0.55	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5818	0.50	ND	ug/Kg	U
994-05-8	TAME	B3277-5818	0.76	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5818	0.64	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5818	6.47	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5818	0.54	ND	ug/Kg	U
108-88-3	Toluene	B3277-5818	0.58	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5818	0.59	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5818	0.67	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5818	0.82	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	B3277-5818	101.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5818	98.8 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5818	109.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5818	103.0 %	(87 - 109)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5819	0.65	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5819	0.73	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5819	0.85	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5819	0.89	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5819	0.73	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5819	0.80	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5819	0.52	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5819	0.75	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5819	0.68	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5819	1.00	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5819	0.56	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5819	0.48	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5819	0.52	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5819	0.65	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5819	0.83	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5819	0.66	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5819	0.82	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5819	0.83	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5819	0.62	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5819	0.75	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5819	0.73	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5819	0.68	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5819	0.83	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5819	3.13	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5819	0.90	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5819	0.75	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5819	2.79	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5819	0.70	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5819	0.66	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5819	3.03	ND	ug/Kg	U
67-64-1	Acetone	B3277-5819	3.67	7.06	ug/Kg	J
107-13-1	Acrylonitrile	B3277-5819	9.86	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5819	0.75	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5819	0.72	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5819	0.82	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5819	0.66	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5819	0.68	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5819	0.69	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5819	0.63	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5819	0.72	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3281-5895	1.33	69.6	ug/Kg	
56-23-5	Carbon Tetrachloride	B3277-5819	0.79	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5819	0.86	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5819	1.24	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5819	0.99	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5819	0.83	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5819	0.70	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5819	0.65	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5819	1.11	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5819	0.52	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5819	0.73	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5819	0.68	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5819	0.62	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5819	1.27	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5819	0.73	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5819	1.33	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5819	0.68	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5819	0.65	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5819	0.63	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5819	0.55	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5819	0.65	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5819	0.59	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5819	0.63	ND	ug/Kg	U
100-42-5	Styrene	B3277-5819	0.61	ND	ug/Kg	U



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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5819	0.65	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5819	0.59	ND	ug/Kg	U
994-05-8	TAME	B3277-5819	0.89	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5819	0.75	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5819	7.60	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5819	0.63	ND	ug/Kg	U
108-88-3	Toluene	B3277-5819	0.68	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5819	0.69	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5819	0.79	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5819	0.96	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	B3277-5819	102.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5819	98.4 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5819	109.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5819	102.0 %	(87 - 109)	
17060-07-0	1,2-DICHLOROETHANE-D4	B3281-5895	103.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3281-5895	98.1 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3281-5895	110.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3281-5895	104.0 %	(87 - 109)	



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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-27

Client Sample ID: S-49A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:45

% Solid: 73.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B3277-5820	0.63	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B3277-5820	0.71	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B3277-5820	0.82	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B3277-5820	0.86	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B3277-5820	0.71	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	B3277-5820	0.78	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	B3277-5820	0.50	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	B3277-5820	0.72	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B3277-5820	0.65	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B3277-5820	0.97	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B3277-5820	0.54	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B3277-5820	0.46	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B3277-5820	0.50	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B3277-5820	0.63	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	B3277-5820	0.80	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B3277-5820	0.64	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	B3277-5820	0.79	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	B3277-5820	0.80	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B3277-5820	0.60	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B3277-5820	0.72	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	B3277-5820	0.71	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B3277-5820	0.65	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	B3277-5820	0.80	ND	ug/Kg	U
78-93-3	2-Butanone	B3277-5820	3.02	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B3277-5820	0.87	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	B3277-5820	0.72	ND	ug/Kg	U
591-78-6	2-Hexanone	B3277-5820	2.69	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	B3277-5820	0.68	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	B3277-5820	0.64	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B3277-5820	2.92	ND	ug/Kg	U
67-64-1	Acetone	B3277-5820	3.54	ND	ug/Kg	U
107-13-1	Acrylonitrile	B3277-5820	9.51	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-27

Client Sample ID: S-49A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:45

% Solid: 73.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	B3277-5820	0.72	ND	ug/Kg	U
108-86-1	Bromobenzene	B3277-5820	0.69	ND	ug/Kg	U
74-97-5	Bromochloromethane	B3277-5820	0.79	ND	ug/Kg	U
75-27-4	Bromodichloromethane	B3277-5820	0.64	ND	ug/Kg	U
75-25-2	Bromoform	B3277-5820	0.65	ND	ug/Kg	U
74-83-9	Bromomethane	B3277-5820	0.67	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B3277-5820	0.61	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B3277-5820	0.69	ND	ug/Kg	U
75-15-0	Carbon disulfide	B3277-5820	0.64	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	B3277-5820	0.76	ND	ug/Kg	U
108-90-7	Chlorobenzene	B3277-5820	0.83	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	B3277-5820	1.20	ND	ug/Kg	U
75-00-3	Chloroethane	B3277-5820	0.95	ND	ug/Kg	U
67-66-3	Chloroform	B3277-5820	0.80	ND	ug/Kg	U
74-87-3	Chloromethane	B3277-5820	0.68	ND	ug/Kg	U
124-48-1	Dibromochloromethane	B3277-5820	0.63	ND	ug/Kg	U
74-95-3	Dibromomethane	B3277-5820	1.07	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B3277-5820	0.50	ND	ug/Kg	U
100-41-4	Ethylbenzene	B3277-5820	0.71	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	B3277-5820	0.65	ND	ug/Kg	U
98-82-8	Isopropylbenzene	B3277-5820	0.60	ND	ug/Kg	U
108-38-3	m,p-xylene	B3277-5820	1.22	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B3277-5820	0.71	ND	ug/Kg	U
75-09-2	Methylene Chloride	B3277-5820	1.28	ND	ug/Kg	U
104-51-8	n-Butylbenzene	B3277-5820	0.65	ND	ug/Kg	U
103-65-1	n-Propylbenzene	B3277-5820	0.63	ND	ug/Kg	U
91-20-3	Naphthalene	B3277-5820	0.61	ND	ug/Kg	U
95-47-6	o-xylene	B3277-5820	0.53	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	B3277-5820	0.63	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	B3277-5820	0.57	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	B3277-5820	0.61	ND	ug/Kg	U
100-42-5	Styrene	B3277-5820	0.58	ND	ug/Kg	U



Environmental Quality Services, Inc.

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9/9/2011

Volatiles - EPA 8260B

Sample: 1108070-27

Client Sample ID: S-49A

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:45

% Solid: 73.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
156-60-5	t-1,2-Dichloroethene	B3277-5820	0.63	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B3277-5820	0.57	ND	ug/Kg	U
994-05-8	TAME	B3277-5820	0.86	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	B3277-5820	0.72	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B3277-5820	7.33	ND	ug/Kg	U
127-18-4	Tetrachloroethene	B3277-5820	0.61	ND	ug/Kg	U
108-88-3	Toluene	B3277-5820	0.65	ND	ug/Kg	U
79-01-6	Trichloroethene	B3277-5820	0.67	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	B3277-5820	0.76	ND	ug/Kg	U
75-01-4	Vinyl Chloride	B3277-5820	0.92	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	B3277-5820	99.3 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	B3277-5820	98.2 %	(79 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	B3277-5820	107.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	B3277-5820	102.0 %	(87 - 109)	



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1108070-1

Client Sample ID: 8/3 trip blank

Collected: 8/3/2011

Matrix: Liquid

Type: Trip Blank

Remarks:

Analyzed Date: 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/L

Sample: 1108070-2

Client Sample ID: 8/3 field blank

Collected: 8/3/2011

Matrix: Liquid

Type: Field Blank

Remarks:

Analyzed Date: 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/L

Sample: 1108070-3

Client Sample ID: SB-38B

Collected: 8/3/2011 08:27

Matrix: Soil

Type: Grab

% Solid: 87.7%

Remarks:

Analyzed Date: 8/9/2011

Analyte	RT	Result	Units
Unknown Branched Alkane	20.65	18400	ug/Kg
Unknown Aromatic	21.73	22200	ug/Kg
Unknown Cycloalkane	22.12	21100	ug/Kg
Unknown Branched Alkane	23.29	32400	ug/Kg
Unknown Aromatic	23.50	20800	ug/Kg
Unknown Branched Alkane	24.16	17400	ug/Kg
Unknown Branched Alkane	24.70	71900	ug/Kg
Unknown Branched Alkane	25.95	88700	ug/Kg
Unknown Branched Alkane	28.03	52100	ug/Kg
Unknown Compound	29.76	39300	ug/Kg
		Total :	384300 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Remarks:

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Analyte	RT	Result	Units
Unknown Aromatic	23.06	13900	ug/Kg
Unknown Cycloalkane	23.29	25200	ug/Kg
Unknown Branched Alkyl Benzene	24.37	15300	ug/Kg
Unknown Branched Alkane	24.68	51200	ug/Kg
Unknown Branched Alkyl Benzene	25.28	20200	ug/Kg
Unknown Branched Alkane	25.94	42300	ug/Kg
Unknown Branched Alkene	26.63	15100	ug/Kg
Unknown Branched Alkene	27.45	15300	ug/Kg
Unknown Branched Alkane	28.03	40100	ug/Kg
Unknown Compound	29.76	33800	ug/Kg
		Total :	272400 ug/Kg

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Remarks:

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Analyte	RT	Result	Units
Unknown Branched Alkyl Benzene	21.66	37800	ug/Kg
Unknown Branched Alkyl Benzene	22.42	27600	ug/Kg
Unknown Branched Alkyl Benzene	22.63	36600	ug/Kg
Unknown Cycloalkene	22.89	50100	ug/Kg
Unknown Compound	24.44	76000	ug/Kg
Unknown Aromatic	24.77	29700	ug/Kg
Unknown Branched Alkyl Benzene	25.23	42100	ug/Kg
Unknown Branched Alkene	27.00	55400	ug/Kg
Unknown Aromatic	28.09	63800	ug/Kg
Unknown Aromatic	28.41	38200	ug/Kg
		Total :	457300 ug/Kg



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9/9/2011

Volatiles +10 - TIC Search

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Analyte	RT	Result	Units
Unknown Compound	8.84	418	ppb
Unknown Branched Alkane	26.19	115	ppb
Unknown Aromatic	27.01	178	ppb
Unknown Branched Alkane	28.28	191	ppb
Unknown Branched Alkane	29.47	167	ppb
Unknown Branched Alkane	30.35	134	ppb
Unknown Branched Alkane	31.62	185	ppb
Unknown Compound	32.38	120	ppb
Unknown Cycloalkane	33.78	116	ppb
Unknown Branched Alkene	34.69	147	ppb
		Total :	1771 ppb

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Analyte	RT	Result	Units
Carbon disulfide	8.83	39.6	ppb
		Total :	40 ppb



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Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Analyte	RT	Result	Units
Unknown Aromatic	25.63	133	ppb
Unknown Compound	27.00	87	ppb
Unknown Branched Alkene	28.52	128	ppb
Unknown Branched Alkane	29.45	132	ppb
Unknown Aromatic	29.97	103	ppb
Unknown Branched Alkene	30.43	113	ppb
Unknown Branched Alkane	31.61	140	ppb
Unknown Aromatic	32.09	149	ppb
Unknown Compound	32.66	103	ppb
Unknown Branched Alkene	34.67	136	ppb
		Total :	1224 ppb

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Remarks:

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Analyte	RT	Result	Units
Unknown Aromatic	21.68	30400	ug/Kg
Unknown Branched Alkyl Benzene	22.64	22700	ug/Kg
Unknown Branched Alkyl Benzene	24.45	45800	ug/Kg
Unknown Aromatic	24.77	37600	ug/Kg
Unknown Branched Alkyl Benzene	25.25	27600	ug/Kg
Unknown Compound	26.16	25600	ug/Kg
Unknown Branched Alkene	27.01	42600	ug/Kg
Unknown Aromatic	27.69	26200	ug/Kg
Unknown Aromatic	28.01	24000	ug/Kg
Unknown Aromatic	28.69	18900	ug/Kg
		Total :	301400 ug/Kg



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Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Analyte	RT	Result	Units
Unknown Compound	6.47	39.5	ppb
Unknown Compound	20.42	13.5	ppb
Unknown Branched Alkene	27.32	17.7	ppb
Unknown Compound	27.82	7.22	ppb
Unknown Branched Alkene	29.18	6.74	ppb
Unknown Branched Alkene	29.45	5.71	ppb
Unknown Compound	31.61	6.93	ppb
Unknown Branched Alkane	33.56	5.8	ppb
Unknown Branched Alkene	34.67	6.07	ppb
		Total :	109 ppb

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Analyte	RT	Result	Units
Unknown Branched Alkane	33.56	7.86	ppb
		Total :	8 ppb



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Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Remarks:

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Analyte	RT	Result	Units
Unknown Aromatic	21.71	10200	ug/Kg
Unknown Compound	24.46	19200	ug/Kg
Unknown Branched Alkyl Benzene	24.70	12000	ug/Kg
Unknown Branched Alkyl Benzene	25.26	13700	ug/Kg
Unknown Compound	26.18	10000	ug/Kg
Unknown Branched Alkene	27.01	17700	ug/Kg
Unknown Branched Alkyl Benzene	27.71	12000	ug/Kg
Unknown Aromatic	28.12	20500	ug/Kg
Unknown Aromatic	28.44	14500	ug/Kg
Unknown Aromatic	30.09	12200	ug/Kg
		Total :	142000 ug/Kg

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Analyte	RT	Result	Units
Unknown Branched Alkane	33.56	6.71	ppb
		Total :	7 ppb



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Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Analyte	RT	Result	Units
Acetone	10.28	297	ppb
Unknown Branched Alkene	25.77	115	ppb
Unknown Branched Alkane	26.63	115	ppb
Unknown Aromatic	27.47	200	ppb
Unknown Compound	28.54	202	ppb
Unknown Cycloalkane	29.26	189	ppb
Unknown Compound	29.74	242	ppb
Unknown Compound	29.99	2350	ppb
Unknown Compound	32.39	1900	ppb
Unknown Compound	34.69	311	ppb
		Total :	5921 ppb

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Remarks:

Analyzed Date: 8/9/2011

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Analyte	RT	Result	Units
Unknown Compound	20.64	17800	ug/Kg
Unknown Aromatic	21.71	16300	ug/Kg
Unknown Compound	22.37	23200	ug/Kg
Unknown Compound	23.05	19300	ug/Kg
Unknown Branched Alkane	23.27	35100	ug/Kg
Unknown Branched Alkane	24.69	34500	ug/Kg
Unknown Branched Alkane	25.94	30000	ug/Kg
Unknown Cycloalkane	27.73	17900	ug/Kg
Unknown Branched Alkane	28.02	37000	ug/Kg
Unknown Branched Alkene	29.76	24000	ug/Kg
		Total :	255100 ug/Kg



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Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Analyte	RT	Result	Units
Carbon disulfide	8.82	207	ppb
Acetone	10.27	26.4	ppb
Unknown Compound	33.42	10.1	ppb
Unknown Branched Alkane	33.57	10	ppb
		Total :	254 ppb

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Analyte	RT	Result	Units
Unknown Aromatic	25.64	1310	ppb
Unknown Compound	27.01	1440	ppb
Unknown Aromatic	28.23	1310	ppb
Unknown Branched Alkyl Benzene	28.54	2020	ppb
Unknown Cycloalkane	29.26	1240	ppb
Unknown Branched Alkene	29.41	1090	ppb
Unknown Branched Alkane	29.47	1650	ppb
Unknown Compound	29.74	1140	ppb
Unknown Branched Alkene	30.89	1470	ppb
Unknown Branched Alkyl Benzene	32.11	1570	ppb
		Total :	14240 ppb



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Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Remarks:

Analyzed Date: 8/19/2011

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Analyte	RT	Result	Units
Unknown Compound	27.02	836	ppb
Unknown Branched Alkane	27.60	809	ppb
Unknown Aromatic	28.54	1140	ppb
Unknown Aromatic	29.98	1450	ppb
Unknown Branched Alkyl Benzene	30.63	1580	ppb
Unknown Cycloalkane	31.07	805	ppb
Unknown Aromatic	31.26	1700	ppb
Unknown Branched Alkane	31.63	1300	ppb
Unknown Aromatic	32.10	2180	ppb
Unknown Compound	33.13	2560	ppb
		Total :	14360 ppb

Sample: 1108070-19

Client Sample ID: S-44A

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Type: Grab

Collected: 8/3/2011 13:55

% Solid: 86.4%

Analyte	RT	Result	Units
None Detected			ppb



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Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Analyte	RT	Result	Units
Carbon disulfide	8.82	2.38	ppb
Acetone	10.27	13.6	ppb
Total :		16	ppb

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Analyte	RT	Result	Units
Carbon disulfide	8.82	5.14	ppb
Unknown Compound	35.07	19.7	ppb
Total :		25	ppb

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Analyte	RT	Result	Units
Unknown Compound	4.33	10.1	ppb
Unknown Compound	6.63	60.3	ppb
Total :		70	ppb



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Sample: 1108070-23

Client Sample ID: S-48A

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:24

% Solid: 93.5%

Analyte	RT	Result	Units
None Detected			ppb

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Analyte	RT	Result	Units
Acetone	10.29	179	ppb
Unknown Ketone	33.12	9.98	ppb
Total :		189	ppb

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Analyte	RT	Result	Units
Carbon disulfide	8.84	10.5	ppb
Acetone	10.29	7.3	ppb
Unknown Compound	25.65	6.71	ppb
Total :		25	ppb



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Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Analyte	RT	Result	Units
Carbon disulfide	8.83	308	ppb
Acetone	10.28	7.06	ppb
Total :		315	ppb

Sample: 1108070-27

Client Sample ID: S-49A

Matrix: Soil

Remarks:

Analyzed Date: 8/18/2011

Type: Grab

Collected: 8/3/2011 14:45

% Solid: 73.7%

Analyte	RT	Result	Units
None Detected			ppb



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-3

Client Sample ID: SB-38B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2715-403	94.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2715-403	70.5	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2715-403	68.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2715-403	76.6	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2715-403	74.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2715-403	90.3	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2715-403	49.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2715-403	85.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2715-403	74.8	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2715-403	95.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2715-403	803	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2715-403	137	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2715-403	94.0	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2715-403	110	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2715-403	110	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2715-403	90.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2715-403	81.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2715-403	119	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2715-403	69.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2715-403	70.5	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2715-403	110	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2715-403	39.2	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2715-403	997	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2715-403	104	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2715-403	85.1	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2715-403	86.9	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2715-403	88.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2715-403	223	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2715-403	1520	ND	ug/Kg	U
83-32-9	Acenaphthene	C2715-403	96.0	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2715-403	78.4	ND	ug/Kg	U
62-53-3	Aniline	C2715-403	70.9	ND	ug/Kg	U



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-3

Client Sample ID: SB-38B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2715-403	101	ND	ug/Kg	U
92-87-5	Benzidine	C2715-403	2000	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2715-403	96.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2715-403	119	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2715-403	94.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2715-403	174	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2715-403	174	ND	ug/Kg	U
65-85-0	Benzoic acid	C2715-403	13400	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2715-403	135	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2715-403	94.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2715-403	108	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2715-403	83.7	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2715-403	149	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2715-403	120	ND	ug/Kg	U
86-74-8	Carbazole	C2715-403	131	ND	ug/Kg	U
218-01-9	Chrysene	C2715-403	121	ND	ug/Kg	U
	Cresols	C2715-403	152	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2715-403	128	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2715-403	112	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2715-403	127	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2715-403	76.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2715-403	149	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2715-403	110	ND	ug/Kg	U
206-44-0	Fluoranthene	C2715-403	126	ND	ug/Kg	U
86-73-7	Fluorene	C2715-403	91.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2715-403	97.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2715-403	91.2	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2715-403	705	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2715-403	101	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2715-403	105	ND	ug/Kg	U
78-59-1	Isophorone	C2715-403	104	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2715-403	68.9	ND	ug/Kg	U



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-3**

Client Sample ID: SB-38B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2715-403	145	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2715-403	124	ND	ug/Kg	U
91-20-3	Naphthalene	C2715-403	91.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2715-403	88.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2715-403	864	ND	ug/Kg	U
85-01-8	Phenanthrene	C2715-403	104	ND	ug/Kg	U
108-95-2	Phenol	C2715-403	59.5	ND	ug/Kg	U
129-00-0	Pyrene	C2715-403	84.4	ND	ug/Kg	U
110-86-1	Pyridine	C2715-403	131	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	C2715-403	39.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2715-403	48.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2715-403	42.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2715-403	39.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2715-403	45.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2715-403	43.0 %	(18 - 137)	



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Semivolatile Compounds - EPA 8270C

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2715-404	50.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2715-404	37.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2715-404	36.4	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2715-404	40.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2715-404	39.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2715-404	47.7	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2715-404	26.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2715-404	45.3	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2715-404	39.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2715-404	50.4	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2715-404	424	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2715-404	72.3	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2715-404	49.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2715-404	58.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2715-404	58.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2715-404	47.8	1500	ug/Kg	
95-48-7	2-Methylphenol	C2715-404	43.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2715-404	62.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2715-404	36.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2715-404	37.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2715-404	58.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2715-404	20.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2715-404	527	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2715-404	54.7	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2715-404	44.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2715-404	45.9	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2715-404	46.9	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2715-404	118	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2715-404	804	ND	ug/Kg	U
83-32-9	Acenaphthene	C2715-404	50.7	1070	ug/Kg	
208-96-8	Acenaphthylene	C2715-404	41.4	ND	ug/Kg	U
62-53-3	Aniline	C2715-404	37.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2715-404	53.6	ND	ug/Kg	U
92-87-5	Benzidine	C2715-404	1060	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2715-404	51.0	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2715-404	62.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2715-404	50.0	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2715-404	92.0	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2715-404	91.7	ND	ug/Kg	U
65-85-0	Benzoic acid	C2715-404	7060	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2715-404	71.1	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2715-404	49.9	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2715-404	57.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2715-404	44.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2715-404	78.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2715-404	63.6	ND	ug/Kg	U
86-74-8	Carbazole	C2715-404	69.4	ND	ug/Kg	U
218-01-9	Chrysene	C2715-404	63.7	ND	ug/Kg	U
	Cresols	C2715-404	80.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2715-404	67.8	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2715-404	59.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2715-404	67.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2715-404	40.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2715-404	78.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2715-404	58.2	ND	ug/Kg	U
206-44-0	Fluoranthene	C2715-404	66.4	ND	ug/Kg	U
86-73-7	Fluorene	C2715-404	48.4	1480	ug/Kg	
118-74-1	Hexachlorobenzene	C2715-404	51.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2715-404	48.2	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2715-404	372	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2715-404	53.6	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2715-404	55.7	ND	ug/Kg	U
78-59-1	Isophorone	C2715-404	55.1	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2715-404	36.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-4**

Client Sample ID: SB-38C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2715-404	76.5	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2715-404	65.7	ND	ug/Kg	U
91-20-3	Naphthalene	C2715-404	48.4	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2715-404	46.6	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2715-404	457	ND	ug/Kg	U
85-01-8	Phenanthrene	C2715-404	54.8	4180	ug/Kg	
108-95-2	Phenol	C2715-404	31.4	ND	ug/Kg	U
129-00-0	Pyrene	C2715-404	44.6	301	ug/Kg	J
110-86-1	Pyridine	C2715-404	69.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2715-404	32.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2715-404	59.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2715-404	55.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2715-404	57.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2715-404	56.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2715-404	54.2 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2715-405	46.0	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2715-405	34.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2715-405	33.4	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2715-405	37.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2715-405	36.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2715-405	43.8	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2715-405	24.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2715-405	41.6	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2715-405	36.3	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2715-405	46.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2715-405	389	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2715-405	66.4	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2715-405	45.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2715-405	53.3	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2715-405	53.3	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-429	176	27300	ug/Kg	
95-48-7	2-Methylphenol	C2715-405	39.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2715-405	57.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2715-405	33.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2715-405	34.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2715-405	53.3	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2715-405	19.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2715-405	483	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2715-405	50.2	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2715-405	41.3	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2715-405	42.1	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2715-405	43.0	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2715-405	108	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2715-405	738	ND	ug/Kg	U
83-32-9	Acenaphthene	C2715-405	46.6	2320	ug/Kg	
208-96-8	Acenaphthylene	C2715-405	38.1	ND	ug/Kg	U
62-53-3	Aniline	C2715-405	34.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2715-405	49.2	ND	ug/Kg	U
92-87-5	Benzidine	C2715-405	971	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2715-405	46.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2715-405	57.6	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2715-405	45.9	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2715-405	84.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2715-405	84.2	ND	ug/Kg	U
65-85-0	Benzoic acid	C2715-405	6480	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2715-405	65.3	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2715-405	45.8	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2715-405	52.3	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2715-405	40.6	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2715-405	72.5	2730	ug/Kg	
85-68-7	Butyl benzyl phthalate	C2715-405	58.4	ND	ug/Kg	U
86-74-8	Carbazole	C2715-405	63.7	ND	ug/Kg	U
218-01-9	Chrysene	C2715-405	58.5	ND	ug/Kg	U
	Cresols	C2715-405	73.8	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2715-405	62.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2715-405	54.4	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2715-405	61.7	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2715-405	36.9	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2715-405	72.3	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2715-405	53.4	ND	ug/Kg	U
206-44-0	Fluoranthene	C2715-405	61.0	ND	ug/Kg	U
86-73-7	Fluorene	C2715-405	44.5	2880	ug/Kg	
118-74-1	Hexachlorobenzene	C2715-405	47.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2715-405	44.2	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2715-405	342	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2715-405	49.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2715-405	51.1	ND	ug/Kg	U
78-59-1	Isophorone	C2715-405	50.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2715-405	33.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2715-405	70.2	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2715-405	60.3	ND	ug/Kg	U
91-20-3	Naphthalene	C2715-405	44.5	8490	ug/Kg	
98-95-3	Nitrobenzene	C2715-405	42.8	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2715-405	419	ND	ug/Kg	U
85-01-8	Phenanthrene	C2715-405	50.3	7750	ug/Kg	
108-95-2	Phenol	C2715-405	28.9	ND	ug/Kg	U
129-00-0	Pyrene	C2715-405	40.9	751	ug/Kg	
110-86-1	Pyridine	C2715-405	63.4	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2715-405	19.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2715-405	41.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2715-405	47.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2715-405	107.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2715-405	48.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2715-405	36.7 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2715-406	48.7	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2715-406	36.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2715-406	35.4	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2715-406	39.3	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2715-406	38.2	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2715-406	46.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2715-406	25.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2715-406	44.0	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2715-406	38.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2715-406	48.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2715-406	412	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2715-406	70.3	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2715-406	48.2	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2715-406	56.4	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2715-406	56.4	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2717-440	372	64300	ug/Kg	
95-48-7	2-Methylphenol	C2715-406	41.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2715-406	61.0	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2715-406	35.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2715-406	36.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2715-406	56.4	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2715-406	20.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2715-406	512	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2715-406	53.2	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2715-406	43.7	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2715-406	44.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2715-406	45.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2715-406	115	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2715-406	781	ND	ug/Kg	U
83-32-9	Acenaphthene	C2715-406	49.3	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2715-406	40.3	ND	ug/Kg	U
62-53-3	Aniline	C2715-406	36.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2715-406	52.1	ND	ug/Kg	U
92-87-5	Benzidine	C2715-406	1030	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2715-406	49.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2715-406	61.0	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2715-406	48.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2715-406	89.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2715-406	89.1	ND	ug/Kg	U
65-85-0	Benzoic acid	C2715-406	6860	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2715-406	69.1	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2715-406	48.5	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2715-406	55.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2715-406	43.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2715-406	76.7	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2715-406	61.8	ND	ug/Kg	U
86-74-8	Carbazole	C2715-406	67.4	ND	ug/Kg	U
218-01-9	Chrysene	C2715-406	61.9	ND	ug/Kg	U
	Cresols	C2715-406	78.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2715-406	65.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2715-406	57.6	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2715-406	65.3	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2715-406	39.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2715-406	76.6	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2715-406	56.6	ND	ug/Kg	U
206-44-0	Fluoranthene	C2715-406	64.5	ND	ug/Kg	U
86-73-7	Fluorene	C2715-406	47.1	5020	ug/Kg	
118-74-1	Hexachlorobenzene	C2715-406	50.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2715-406	46.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2715-406	362	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2715-406	52.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2715-406	54.1	ND	ug/Kg	U
78-59-1	Isophorone	C2715-406	53.5	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2715-406	35.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2715-406	74.4	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2715-406	63.8	ND	ug/Kg	U
91-20-3	Naphthalene	C2715-406	47.1	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2715-406	45.3	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2715-406	444	ND	ug/Kg	U
85-01-8	Phenanthrene	C2715-406	53.3	8640	ug/Kg	
108-95-2	Phenol	C2715-406	30.6	ND	ug/Kg	U
129-00-0	Pyrene	C2715-406	43.3	253	ug/Kg	J
110-86-1	Pyridine	C2715-406	67.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2715-406	24.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2715-406	58.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2715-406	62.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2715-406	107.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2715-406	60.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2715-406	54.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-409	52.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-409	39.0	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-409	38.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-409	42.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-409	41.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-409	49.9	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-409	27.4	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-409	47.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-409	41.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-409	52.7	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-409	444	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-409	75.7	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-409	52.0	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-409	60.8	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-409	60.8	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-409	50.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-409	45.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-409	65.7	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-409	38.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-409	39.0	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-409	60.8	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-409	21.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-409	551	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-409	57.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-409	47.0	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-409	48.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-409	49.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-409	123	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-409	841	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-409	53.1	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-409	43.4	ND	ug/Kg	U
62-53-3	Aniline	C2716-409	39.2	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-409	56.1	ND	ug/Kg	U
92-87-5	Benzidine	C2716-409	1110	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-409	53.3	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-409	65.7	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-409	52.3	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-409	96.3	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-409	96.0	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-409	7390	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-409	74.4	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-409	52.2	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-409	59.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-409	46.3	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-409	82.6	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-409	66.6	ND	ug/Kg	U
86-74-8	Carbazole	C2716-409	72.6	ND	ug/Kg	U
218-01-9	Chrysene	C2716-409	66.7	ND	ug/Kg	U
	Cresols	C2716-409	84.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-409	71.0	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-409	62.0	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-409	70.4	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-409	42.1	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-409	82.5	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-409	60.9	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-409	69.5	ND	ug/Kg	U
86-73-7	Fluorene	C2716-409	50.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-409	54.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-409	50.4	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-409	390	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-409	56.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-409	58.3	ND	ug/Kg	U
78-59-1	Isophorone	C2716-409	57.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-409	38.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-409	80.1	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-409	68.7	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-409	50.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-409	48.8	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-409	478	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-409	57.4	ND	ug/Kg	U
108-95-2	Phenol	C2716-409	32.9	ND	ug/Kg	U
129-00-0	Pyrene	C2716-409	46.7	ND	ug/Kg	U
110-86-1	Pyridine	C2716-409	72.3	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	C2716-409	42.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-409	45.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-409	53.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-409	47.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-409	55.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-409	58.9 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-416	204	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-416	152	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-416	148	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-416	165	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-416	160	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-416	194	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-416	107	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-416	185	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-416	161	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-416	205	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-416	1730	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-416	294	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-416	202	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-416	237	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-416	237	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-416	195	727	ug/Kg	J
95-48-7	2-Methylphenol	C2716-416	176	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-416	256	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-416	149	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-416	152	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-416	237	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-416	84.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-416	2140	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-416	223	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-416	183	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-416	187	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-416	191	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-416	480	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-416	3270	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-416	207	1030	ug/Kg	J
208-96-8	Acenaphthylene	C2716-416	169	ND	ug/Kg	U
62-53-3	Aniline	C2716-416	153	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-416	218	431	ug/Kg	J
92-87-5	Benzidine	C2716-416	4310	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-416	208	567	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2716-416	256	433	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2716-416	204	374	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2716-416	375	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-416	373	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-416	28800	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-416	290	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-416	203	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-416	232	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-416	180	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-416	321	3050	ug/Kg	
85-68-7	Butyl benzyl phthalate	C2716-416	259	ND	ug/Kg	U
86-74-8	Carbazole	C2716-416	283	390	ug/Kg	J
218-01-9	Chrysene	C2716-416	260	537	ug/Kg	J
	Cresols	C2716-416	328	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-416	276	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-416	241	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-416	274	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-416	164	818	ug/Kg	J
84-66-2	Diethyl phthalate	C2716-416	321	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-416	237	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-416	270	1810	ug/Kg	J
86-73-7	Fluorene	C2716-416	197	1250	ug/Kg	J
118-74-1	Hexachlorobenzene	C2716-416	210	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-416	196	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-416	1520	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-416	218	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-416	227	ND	ug/Kg	U
78-59-1	Isophorone	C2716-416	224	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-416	148	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-8**

Client Sample ID: SB-40B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-416	312	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-416	267	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-416	197	671	ug/Kg	J
98-95-3	Nitrobenzene	C2716-416	190	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-416	1860	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-416	223	3000	ug/Kg	
108-95-2	Phenol	C2716-416	128	ND	ug/Kg	U
129-00-0	Pyrene	C2716-416	182	1710	ug/Kg	J
110-86-1	Pyridine	C2716-416	281	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2716-416	21.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-416	52.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-416	62.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-416	55.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-416	64.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-416	51.4 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-417	223	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-417	166	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-417	162	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-417	180	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-417	175	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-417	213	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-417	117	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-417	202	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-417	176	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-417	224	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-417	1890	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-417	322	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-417	221	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-417	259	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-417	259	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-417	213	8780	ug/Kg	
95-48-7	2-Methylphenol	C2716-417	192	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-417	280	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-417	163	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-417	166	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-417	259	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-417	92.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-417	2350	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-417	244	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-417	200	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-417	205	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-417	209	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-417	525	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-417	3580	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-417	226	1750	ug/Kg	J
208-96-8	Acenaphthylene	C2716-417	185	ND	ug/Kg	U
62-53-3	Aniline	C2716-417	167	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-417	239	ND	ug/Kg	U
92-87-5	Benzidine	C2716-417	4710	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-417	227	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-417	280	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-417	223	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-417	410	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-417	409	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-417	31500	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-417	317	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-417	222	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-417	254	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-417	197	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-417	352	1840	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2716-417	283	ND	ug/Kg	U
86-74-8	Carbazole	C2716-417	309	ND	ug/Kg	U
218-01-9	Chrysene	C2716-417	284	ND	ug/Kg	U
	Cresols	C2716-417	358	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-417	302	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-417	264	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-417	300	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-417	179	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-417	351	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-417	259	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-417	296	ND	ug/Kg	U
86-73-7	Fluorene	C2716-417	216	2430	ug/Kg	J
118-74-1	Hexachlorobenzene	C2716-417	230	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-417	215	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-417	1660	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-417	239	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-417	248	ND	ug/Kg	U
78-59-1	Isophorone	C2716-417	245	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-417	162	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-9**

Client Sample ID: SB-40C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-417	341	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-417	293	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-417	216	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-417	208	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-417	2030	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-417	244	4760	ug/Kg	
108-95-2	Phenol	C2716-417	140	ND	ug/Kg	U
129-00-0	Pyrene	C2716-417	199	2110	ug/Kg	J
110-86-1	Pyridine	C2716-417	308	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	C2716-417	32.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-417	69.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-417	58.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-417	68.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-417	63.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-417	55.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-418	183	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-418	136	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-418	133	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-418	148	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-418	144	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-418	175	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-418	95.7	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-418	166	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-418	145	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-418	184	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-418	1550	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-418	265	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-418	182	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-418	213	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-418	213	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-418	175	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-418	158	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-418	230	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-418	134	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-418	136	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-418	213	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-418	75.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-418	1930	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-418	200	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-418	164	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-418	168	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-418	172	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-418	431	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-418	2940	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-418	186	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-418	152	152	ug/Kg	J
62-53-3	Aniline	C2716-418	137	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-418	196	ND	ug/Kg	U
92-87-5	Benzidine	C2716-418	3870	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-418	187	490	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2716-418	230	621	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2716-418	183	567	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2716-418	337	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-418	336	584	ug/Kg	J
65-85-0	Benzoic acid	C2716-418	25800	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-418	260	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-418	183	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-418	209	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-418	162	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-418	289	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-418	233	ND	ug/Kg	U
86-74-8	Carbazole	C2716-418	254	ND	ug/Kg	U
218-01-9	Chrysene	C2716-418	233	588	ug/Kg	J
	Cresols	C2716-418	294	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-418	248	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-418	217	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-418	246	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-418	147	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-418	288	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-418	213	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-418	243	812	ug/Kg	J
86-73-7	Fluorene	C2716-418	177	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-418	189	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-418	176	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-418	1360	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-418	196	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-418	204	269	ug/Kg	J
78-59-1	Isophorone	C2716-418	202	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-418	133	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-10**

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-418	280	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-418	240	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-418	177	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-418	171	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-418	1670	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-418	201	436	ug/Kg	J
108-95-2	Phenol	C2716-418	115	ND	ug/Kg	U
129-00-0	Pyrene	C2716-418	163	861	ug/Kg	J
110-86-1	Pyridine	C2716-418	253	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	C2716-418	21.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-418	51.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-418	57.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-418	52.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-418	61.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-418	49.1 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-419	96.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-419	71.9	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-419	70.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-419	78.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-419	75.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-419	92.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-419	50.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-419	87.5	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-419	76.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-419	97.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-419	820	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-419	140	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-419	95.9	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-419	112	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-419	112	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-419	92.4	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-419	83.4	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-419	121	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-419	70.8	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-419	71.9	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-419	112	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-419	40.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-419	1020	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-419	106	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-419	86.8	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-419	88.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-419	90.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-419	228	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-419	1550	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-419	98.0	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-419	80.1	ND	ug/Kg	U
62-53-3	Aniline	C2716-419	72.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-419	104	ND	ug/Kg	U
92-87-5	Benzidine	C2716-419	2040	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-419	98.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-419	121	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-419	96.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-419	178	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-419	177	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-419	13600	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-419	137	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-419	96.4	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-419	110	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-419	85.4	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-419	153	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-419	123	ND	ug/Kg	U
86-74-8	Carbazole	C2716-419	134	ND	ug/Kg	U
218-01-9	Chrysene	C2716-419	123	ND	ug/Kg	U
	Cresols	C2716-419	155	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-419	131	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-419	115	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-419	130	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-419	77.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-419	152	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-419	112	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-419	128	ND	ug/Kg	U
86-73-7	Fluorene	C2716-419	93.6	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-419	99.7	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-419	93.1	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-419	719	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-419	104	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-419	108	ND	ug/Kg	U
78-59-1	Isophorone	C2716-419	106	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-419	70.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-419	148	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-419	127	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-419	93.6	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-419	90.1	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-419	882	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-419	106	ND	ug/Kg	U
108-95-2	Phenol	C2716-419	60.8	ND	ug/Kg	U
129-00-0	Pyrene	C2716-419	86.1	ND	ug/Kg	U
110-86-1	Pyridine	C2716-419	133	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	C2716-419	45.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-419	53.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-419	53.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-419	47.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-419	59.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-419	68.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-420	193	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-420	144	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-420	140	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-420	156	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-420	152	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-420	184	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-420	101	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-420	175	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-420	153	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-420	194	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-420	1640	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-420	279	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-420	192	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-420	224	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-420	224	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-420	185	7210	ug/Kg	
95-48-7	2-Methylphenol	C2716-420	167	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-420	242	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-420	141	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-420	144	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-420	224	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-420	80.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-420	2030	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-420	211	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-420	173	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-420	177	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-420	181	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-420	455	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-420	3100	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-420	196	1400	ug/Kg	J
208-96-8	Acenaphthylene	C2716-420	160	ND	ug/Kg	U
62-53-3	Aniline	C2716-420	145	ND	ug/Kg	U



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-420	207	ND	ug/Kg	U
92-87-5	Benzidine	C2716-420	4080	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-420	197	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-420	242	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-420	193	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-420	355	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-420	354	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-420	27300	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-420	274	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-420	193	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-420	220	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-420	171	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-420	305	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-420	246	ND	ug/Kg	U
86-74-8	Carbazole	C2716-420	268	ND	ug/Kg	U
218-01-9	Chrysene	C2716-420	246	ND	ug/Kg	U
	Cresols	C2716-420	311	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-420	262	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-420	229	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-420	260	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-420	155	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-420	304	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-420	225	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-420	256	ND	ug/Kg	U
86-73-7	Fluorene	C2716-420	187	1820	ug/Kg	J
118-74-1	Hexachlorobenzene	C2716-420	199	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-420	186	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-420	1440	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-420	207	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-420	215	ND	ug/Kg	U
78-59-1	Isophorone	C2716-420	213	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-420	140	ND	ug/Kg	U



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-420	295	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-420	253	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-420	187	1210	ug/Kg	J
98-95-3	Nitrobenzene	C2716-420	180	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-420	1760	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-420	212	4600	ug/Kg	
108-95-2	Phenol	C2716-420	121	ND	ug/Kg	U
129-00-0	Pyrene	C2716-420	172	651	ug/Kg	J
110-86-1	Pyridine	C2716-420	267	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	C2716-420	23.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-420	40.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-420	27.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-420	32.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-420	32.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-420	43.3 %	(18 - 137)	



Environmental Quality Services, Inc.

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-421	183	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-421	136	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-421	133	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-421	148	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-421	144	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-421	174	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-421	95.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-421	166	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-421	144	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-421	184	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-421	1550	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-421	264	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-421	181	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-421	212	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-421	212	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-421	175	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-421	158	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-421	230	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-421	134	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-421	136	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-421	212	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-421	75.8	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-421	1930	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-421	200	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-421	164	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-421	168	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-421	171	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-421	431	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-421	2940	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-421	185	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-421	152	ND	ug/Kg	U
62-53-3	Aniline	C2716-421	137	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-421	196	ND	ug/Kg	U
92-87-5	Benzidine	C2716-421	3870	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-421	186	504	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2716-421	230	513	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2716-421	183	484	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2716-421	337	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-421	335	477	ug/Kg	J
65-85-0	Benzoic acid	C2716-421	25800	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-421	260	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-421	182	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-421	208	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-421	162	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-421	289	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-421	233	ND	ug/Kg	U
86-74-8	Carbazole	C2716-421	254	ND	ug/Kg	U
218-01-9	Chrysene	C2716-421	233	586	ug/Kg	J
	Cresols	C2716-421	294	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-421	248	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-421	217	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-421	246	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-421	147	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-421	288	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-421	213	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-421	243	856	ug/Kg	J
86-73-7	Fluorene	C2716-421	177	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-421	189	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-421	176	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-421	1360	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-421	196	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-421	204	ND	ug/Kg	U
78-59-1	Isophorone	C2716-421	201	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-421	133	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-13**

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-421	280	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-421	240	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-421	177	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-421	170	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-421	1670	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-421	200	463	ug/Kg	J
108-95-2	Phenol	C2716-421	115	ND	ug/Kg	U
129-00-0	Pyrene	C2716-421	163	817	ug/Kg	J
110-86-1	Pyridine	C2716-421	252	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	C2716-421	31.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-421	45.7 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-421	46.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-421	36.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-421	53.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-421	57.3 %	(18 - 137)	



Environmental Quality Services, Inc.

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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-422	89.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-422	66.5	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-422	64.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-422	72.3	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-422	70.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-422	85.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-422	46.7	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-422	80.9	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-422	70.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-422	89.9	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-422	757	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-422	129	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-422	88.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-422	104	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-422	104	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-422	85.4	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-422	77.0	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-422	112	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-422	65.4	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-422	66.5	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-422	104	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-422	37.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-422	940	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-422	97.6	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-422	80.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-422	81.9	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-422	83.7	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-422	210	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-422	1430	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-422	90.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-422	74.0	ND	ug/Kg	U
62-53-3	Aniline	C2716-422	66.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-422	95.7	ND	ug/Kg	U
92-87-5	Benzidine	C2716-422	1890	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-422	91.0	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-422	112	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-422	89.2	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-422	164	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-422	164	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-422	12600	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-422	127	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-422	89.0	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-422	102	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-422	78.9	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-422	141	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-422	114	ND	ug/Kg	U
86-74-8	Carbazole	C2716-422	124	ND	ug/Kg	U
218-01-9	Chrysene	C2716-422	114	ND	ug/Kg	U
	Cresols	C2716-422	144	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-422	121	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-422	106	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-422	120	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-422	71.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-422	141	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-422	104	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-422	118	ND	ug/Kg	U
86-73-7	Fluorene	C2716-422	86.5	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-422	92.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-422	86.0	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-422	665	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-422	95.7	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-422	99.4	ND	ug/Kg	U
78-59-1	Isophorone	C2716-422	98.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-422	64.9	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-422	137	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-422	117	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-422	86.5	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-422	83.2	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-422	815	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-422	97.8	ND	ug/Kg	U
108-95-2	Phenol	C2716-422	56.1	ND	ug/Kg	U
129-00-0	Pyrene	C2716-422	79.6	97.7	ug/Kg	J
110-86-1	Pyridine	C2716-422	123	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	C2716-422	30.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-422	45.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-422	50.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-422	44.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-422	54.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-422	48.2 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-415	56.8	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-415	42.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-415	41.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-415	45.9	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-415	44.5	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-415	54.1	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-415	29.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-415	51.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-415	44.8	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-415	57.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-415	481	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-415	82.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-415	56.3	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-415	65.8	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-415	65.8	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-415	54.2	1640	ug/Kg	
95-48-7	2-Methylphenol	C2716-415	48.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-415	71.2	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-415	41.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-415	42.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-415	65.8	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-415	23.5	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-415	597	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-415	62.0	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-415	51.0	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-415	52.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-415	53.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-415	134	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-415	911	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-415	57.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-415	47.0	ND	ug/Kg	U
62-53-3	Aniline	C2716-415	42.5	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-415	60.8	ND	ug/Kg	U
92-87-5	Benzidine	C2716-415	1200	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-415	57.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-415	71.2	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-415	56.7	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-415	104	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-415	104	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-415	8010	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-415	80.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-415	56.6	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-415	64.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-415	50.1	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-415	89.5	313	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2716-415	72.1	ND	ug/Kg	U
86-74-8	Carbazole	C2716-415	78.7	ND	ug/Kg	U
218-01-9	Chrysene	C2716-415	72.3	78.5	ug/Kg	J
	Cresols	C2716-415	91.1	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-415	76.9	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-415	67.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-415	76.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-415	45.6	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-415	89.3	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-415	66.0	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-415	75.3	208	ug/Kg	J
86-73-7	Fluorene	C2716-415	54.9	852	ug/Kg	
118-74-1	Hexachlorobenzene	C2716-415	58.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-415	54.6	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-415	422	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-415	60.8	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-415	63.1	ND	ug/Kg	U
78-59-1	Isophorone	C2716-415	62.4	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-415	41.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-415	86.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-415	74.5	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-415	54.9	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-415	52.9	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-415	518	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-415	62.2	ND	ug/Kg	U
108-95-2	Phenol	C2716-415	35.7	ND	ug/Kg	U
129-00-0	Pyrene	C2716-415	50.5	258	ug/Kg	J
110-86-1	Pyridine	C2716-415	78.3	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	C2716-415	25.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-415	49.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-415	45.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-415	62.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-415	48.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-415	54.9 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-410	68.3	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-410	50.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-410	49.6	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-410	55.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-410	53.5	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-410	65.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-410	35.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-410	61.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-410	53.9	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-410	68.6	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-410	578	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-410	98.5	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-410	67.7	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-410	79.1	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-410	79.1	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-410	65.2	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-410	58.8	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-410	85.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-410	49.9	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-410	50.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-410	79.1	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-410	28.2	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-410	718	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-410	74.5	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-410	61.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-410	62.6	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-410	63.9	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-410	161	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-410	1100	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-410	69.1	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-410	56.5	ND	ug/Kg	U
62-53-3	Aniline	C2716-410	51.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-410	73.1	ND	ug/Kg	U
92-87-5	Benzidine	C2716-410	1440	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-410	69.5	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-410	85.6	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-410	68.1	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-410	125	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-410	125	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-410	9620	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-410	96.9	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-410	68.0	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-410	77.7	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-410	60.3	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-410	108	114	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2716-410	86.7	ND	ug/Kg	U
86-74-8	Carbazole	C2716-410	94.6	ND	ug/Kg	U
218-01-9	Chrysene	C2716-410	86.9	ND	ug/Kg	U
	Cresols	C2716-410	110	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-410	92.4	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-410	80.8	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-410	91.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-410	54.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-410	107	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-410	79.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-410	90.5	ND	ug/Kg	U
86-73-7	Fluorene	C2716-410	66.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-410	70.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-410	65.7	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-410	507	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-410	73.1	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-410	75.9	ND	ug/Kg	U
78-59-1	Isophorone	C2716-410	75.0	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-410	49.6	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-410	104	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-410	89.5	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-410	66.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-410	63.5	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-410	622	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-410	74.7	ND	ug/Kg	U
108-95-2	Phenol	C2716-410	42.9	ND	ug/Kg	U
129-00-0	Pyrene	C2716-410	60.8	ND	ug/Kg	U
110-86-1	Pyridine	C2716-410	94.1	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	C2716-410	41.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-410	48.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-410	57.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-410	50.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-410	60.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-410	54.4 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-423	226	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-423	168	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-423	164	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-423	183	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-423	177	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-423	215	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-423	118	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-423	204	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-423	178	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-423	227	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-423	1910	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-423	326	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-423	224	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-423	262	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-423	262	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-423	216	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-423	195	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-423	283	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-423	165	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-423	168	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-423	262	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-423	93.5	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-423	2380	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-423	247	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-423	203	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-423	207	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-423	211	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-423	532	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-423	3620	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-423	229	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-423	187	ND	ug/Kg	U
62-53-3	Aniline	C2716-423	169	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-423	242	429	ug/Kg	J
92-87-5	Benzidine	C2716-423	4770	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-423	230	1620	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2716-423	283	1320	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2716-423	226	1480	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2716-423	415	481	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	C2716-423	414	1520	ug/Kg	J
65-85-0	Benzoic acid	C2716-423	31800	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-423	321	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-423	225	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-423	257	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-423	199	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-423	356	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-423	287	ND	ug/Kg	U
86-74-8	Carbazole	C2716-423	313	394	ug/Kg	J
218-01-9	Chrysene	C2716-423	288	1830	ug/Kg	J
	Cresols	C2716-423	363	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-423	306	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-423	267	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-423	303	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-423	182	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-423	355	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-423	262	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-423	299	4420	ug/Kg	
86-73-7	Fluorene	C2716-423	218	239	ug/Kg	J
118-74-1	Hexachlorobenzene	C2716-423	233	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-423	217	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-423	1680	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-423	242	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-423	251	499	ug/Kg	J
78-59-1	Isophorone	C2716-423	248	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-423	164	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-423	345	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-423	296	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-423	218	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-423	210	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-423	2060	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-423	247	2820	ug/Kg	
108-95-2	Phenol	C2716-423	142	ND	ug/Kg	U
129-00-0	Pyrene	C2716-423	201	3910	ug/Kg	
110-86-1	Pyridine	C2716-423	311	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	C2716-423	10.5 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2716-423	32.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-423	38.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-423	33.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-423	40.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-423	31.0 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-424	102	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-424	75.8	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-424	74.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-424	82.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-424	80.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-424	97.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-424	53.3	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-424	92.3	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-424	80.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-424	103	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-424	864	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-424	147	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-424	101	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-424	118	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-424	118	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-424	97.4	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-424	87.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-424	128	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-424	74.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-424	75.8	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-424	118	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-424	42.2	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-424	1070	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-424	111	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-424	91.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-424	93.5	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-424	95.5	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-424	240	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-424	1640	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-424	103	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-424	84.4	ND	ug/Kg	U
62-53-3	Aniline	C2716-424	76.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-424	109	ND	ug/Kg	U
92-87-5	Benzidine	C2716-424	2150	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-424	104	247	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2716-424	128	260	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2716-424	102	233	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2716-424	187	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-424	187	221	ug/Kg	J
65-85-0	Benzoic acid	C2716-424	14400	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-424	145	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-424	102	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-424	116	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-424	90.1	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-424	161	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-424	130	ND	ug/Kg	U
86-74-8	Carbazole	C2716-424	141	ND	ug/Kg	U
218-01-9	Chrysene	C2716-424	130	293	ug/Kg	J
	Cresols	C2716-424	164	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-424	138	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-424	121	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-424	137	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-424	82.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-424	160	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-424	119	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-424	135	516	ug/Kg	J
86-73-7	Fluorene	C2716-424	98.7	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-424	105	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-424	98.2	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-424	758	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-424	109	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-424	113	ND	ug/Kg	U
78-59-1	Isophorone	C2716-424	112	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-424	74.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-424	156	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-424	134	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-424	98.7	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-424	95.0	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-424	930	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-424	112	377	ug/Kg	J
108-95-2	Phenol	C2716-424	64.0	ND	ug/Kg	U
129-00-0	Pyrene	C2716-424	90.8	613	ug/Kg	J
110-86-1	Pyridine	C2716-424	141	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	C2716-424	12.3 %	(19 - 122)	D
321-60-8	2-FLUOROBIPHENYL	C2716-424	32.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-424	30.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-424	29.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-424	34.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-424	46.2 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-411	47.0	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-411	34.9	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-411	34.1	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-411	37.9	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-411	36.8	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-411	44.7	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-411	24.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-411	42.4	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-411	37.0	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-411	47.2	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-411	397	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-411	67.7	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-411	46.5	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-411	54.4	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-411	54.4	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-411	44.8	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-411	40.4	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-411	58.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-411	34.3	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-411	34.9	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-411	54.4	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-411	19.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-411	493	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-411	51.2	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-411	42.1	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-411	43.0	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-411	43.9	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-411	110	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-411	753	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-411	47.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-411	38.8	ND	ug/Kg	U
62-53-3	Aniline	C2716-411	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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-411	50.2	ND	ug/Kg	U
92-87-5	Benzidine	C2716-411	991	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-411	47.7	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-411	58.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-411	46.8	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-411	86.2	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-411	85.9	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-411	6610	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-411	66.6	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-411	46.7	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-411	53.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-411	41.4	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-411	73.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-411	59.6	ND	ug/Kg	U
86-74-8	Carbazole	C2716-411	65.0	ND	ug/Kg	U
218-01-9	Chrysene	C2716-411	59.7	ND	ug/Kg	U
	Cresols	C2716-411	75.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-411	63.5	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-411	55.5	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-411	63.0	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-411	37.7	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-411	73.8	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-411	54.5	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-411	62.2	ND	ug/Kg	U
86-73-7	Fluorene	C2716-411	45.4	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-411	48.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-411	45.1	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-411	349	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-411	50.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-411	52.1	ND	ug/Kg	U
78-59-1	Isophorone	C2716-411	51.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-411	34.1	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-411	71.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-411	61.5	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-411	45.4	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-411	43.7	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-411	428	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-411	51.4	ND	ug/Kg	U
108-95-2	Phenol	C2716-411	29.5	ND	ug/Kg	U
129-00-0	Pyrene	C2716-411	41.8	ND	ug/Kg	U
110-86-1	Pyridine	C2716-411	64.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2716-411	41.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-411	44.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-411	53.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-411	47.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-411	54.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-411	59.3 %	(18 - 137)	



Environmental Quality Services, Inc.

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-412	50.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-412	37.2	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-412	36.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-412	40.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-412	39.2	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-412	47.7	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-412	26.1	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-412	45.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-412	39.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-412	50.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-412	424	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-412	72.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-412	49.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-412	58.0	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-412	58.0	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-412	47.8	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-412	43.1	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-412	62.7	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-412	36.6	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-412	37.2	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-412	58.0	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-412	20.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-412	526	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-412	54.6	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-412	44.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-412	45.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-412	46.8	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-412	118	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-412	803	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-412	50.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-412	41.4	ND	ug/Kg	U
62-53-3	Aniline	C2716-412	37.4	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-412	53.5	ND	ug/Kg	U
92-87-5	Benzidine	C2716-412	1060	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-412	50.9	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-412	62.7	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-412	49.9	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-412	91.9	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-412	91.6	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-412	7050	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-412	71.0	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-412	49.8	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-412	56.9	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-412	44.2	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-412	78.8	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-412	63.5	ND	ug/Kg	U
86-74-8	Carbazole	C2716-412	69.3	ND	ug/Kg	U
218-01-9	Chrysene	C2716-412	63.7	ND	ug/Kg	U
	Cresols	C2716-412	80.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-412	67.7	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-412	59.2	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-412	67.1	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-412	40.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-412	78.7	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-412	58.1	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-412	66.3	ND	ug/Kg	U
86-73-7	Fluorene	C2716-412	48.4	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-412	51.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-412	48.1	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-412	372	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-412	53.5	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-412	55.6	ND	ug/Kg	U
78-59-1	Isophorone	C2716-412	55.0	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-412	36.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-412	76.4	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-412	65.6	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-412	48.4	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-412	46.6	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-412	456	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-412	54.8	ND	ug/Kg	U
108-95-2	Phenol	C2716-412	31.4	ND	ug/Kg	U
129-00-0	Pyrene	C2716-412	44.5	ND	ug/Kg	U
110-86-1	Pyridine	C2716-412	69.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2716-412	46.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-412	50.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-412	61.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-412	54.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-412	63.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-412	69.4 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-425	182	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-425	135	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-425	132	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-425	147	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-425	143	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-425	173	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-425	94.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-425	164	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-425	143	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-425	183	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-425	1540	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-425	262	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-425	180	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-425	211	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-425	211	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-425	174	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-425	157	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-425	228	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-425	133	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-425	135	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-425	211	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-425	75.2	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-425	1910	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-425	198	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-425	163	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-425	167	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-425	170	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-425	428	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-425	2920	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-425	184	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-425	150	ND	ug/Kg	U
62-53-3	Aniline	C2716-425	136	ND	ug/Kg	U



Environmental Quality Services, Inc.

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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: **1108070-22**

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-425	195	ND	ug/Kg	U
92-87-5	Benzidine	C2716-425	3840	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-425	185	1120	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2716-425	228	1190	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2716-425	181	1190	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C2716-425	334	433	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	C2716-425	333	1230	ug/Kg	J
65-85-0	Benzoic acid	C2716-425	25600	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-425	258	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-425	181	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-425	207	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-425	160	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-425	286	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-425	231	ND	ug/Kg	U
86-74-8	Carbazole	C2716-425	252	ND	ug/Kg	U
218-01-9	Chrysene	C2716-425	231	1250	ug/Kg	J
	Cresols	C2716-425	292	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-425	246	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-425	215	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-425	244	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-425	146	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-425	286	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-425	211	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-425	241	2150	ug/Kg	J
86-73-7	Fluorene	C2716-425	176	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-425	187	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-425	175	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-425	1350	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-425	195	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-425	202	426	ug/Kg	J
78-59-1	Isophorone	C2716-425	200	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-425	132	ND	ug/Kg	U



Environmental Quality Services, Inc.

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-425	278	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-425	238	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-425	176	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-425	169	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-425	1660	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-425	199	797	ug/Kg	J
108-95-2	Phenol	C2716-425	114	ND	ug/Kg	U
129-00-0	Pyrene	C2716-425	162	2000	ug/Kg	J
110-86-1	Pyridine	C2716-425	250	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	C2716-425	28.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-425	46.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-425	51.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-425	43.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-425	58.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-425	51.2 %	(18 - 137)	



Environmental Quality Services, Inc.

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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/9/2011

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-426	184	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-426	137	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-426	133	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-426	149	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-426	144	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-426	175	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-426	95.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-426	166	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-426	145	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-426	185	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-426	1560	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-426	265	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-426	182	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-426	213	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-426	213	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-426	175	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-426	158	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-426	230	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-426	134	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-426	137	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-426	213	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-426	76.0	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-426	1930	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-426	201	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-426	165	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-426	168	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-426	172	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-426	432	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-426	2950	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-426	186	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-426	152	ND	ug/Kg	U
62-53-3	Aniline	C2716-426	137	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-426	197	ND	ug/Kg	U
92-87-5	Benzidine	C2716-426	3880	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-426	187	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-426	230	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-426	183	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-426	338	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-426	336	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-426	25900	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-426	261	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-426	183	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-426	209	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-426	162	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-426	290	336	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2716-426	233	ND	ug/Kg	U
86-74-8	Carbazole	C2716-426	255	ND	ug/Kg	U
218-01-9	Chrysene	C2716-426	234	ND	ug/Kg	U
	Cresols	C2716-426	295	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-426	249	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-426	217	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-426	247	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-426	148	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-426	289	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-426	213	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-426	244	ND	ug/Kg	U
86-73-7	Fluorene	C2716-426	178	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-426	189	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-426	177	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-426	1370	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-426	197	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-426	204	ND	ug/Kg	U
78-59-1	Isophorone	C2716-426	202	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-426	133	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-426	281	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-426	241	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-426	178	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-426	171	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-426	1680	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-426	201	ND	ug/Kg	U
108-95-2	Phenol	C2716-426	115	ND	ug/Kg	U
129-00-0	Pyrene	C2716-426	164	301	ug/Kg	J
110-86-1	Pyridine	C2716-426	253	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	C2716-426	49.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-426	63.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-426	70.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-426	63.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-426	73.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-426	63.9 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-413	49.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-413	37.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-413	36.2	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-413	40.3	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-413	39.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-413	47.5	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-413	26.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-413	45.1	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-413	39.3	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-413	50.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-413	422	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-413	71.9	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-413	49.4	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-413	57.8	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-413	57.8	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-413	47.6	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-413	42.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-413	62.5	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-413	36.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-413	37.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-413	57.8	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-413	20.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-413	524	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-413	54.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-413	44.7	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-413	45.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-413	46.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-413	117	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-413	800	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-413	50.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-413	41.2	ND	ug/Kg	U
62-53-3	Aniline	C2716-413	37.3	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-413	53.4	ND	ug/Kg	U
92-87-5	Benzidine	C2716-413	1050	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-413	50.7	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-413	62.5	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-413	49.8	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-413	91.6	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-413	91.2	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-413	7030	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-413	70.7	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-413	49.6	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-413	56.7	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-413	44.0	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-413	78.5	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-413	63.3	ND	ug/Kg	U
86-74-8	Carbazole	C2716-413	69.1	ND	ug/Kg	U
218-01-9	Chrysene	C2716-413	63.4	ND	ug/Kg	U
	Cresols	C2716-413	80.0	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-413	67.5	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-413	59.0	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-413	66.9	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-413	40.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-413	78.4	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-413	57.9	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-413	66.1	ND	ug/Kg	U
86-73-7	Fluorene	C2716-413	48.2	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-413	51.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-413	48.0	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-413	371	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-413	53.4	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-413	55.4	ND	ug/Kg	U
78-59-1	Isophorone	C2716-413	54.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-413	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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-413	76.1	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-413	65.3	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-413	48.2	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-413	46.4	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-413	454	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-413	54.6	ND	ug/Kg	U
108-95-2	Phenol	C2716-413	31.3	ND	ug/Kg	U
129-00-0	Pyrene	C2716-413	44.4	52.6	ug/Kg	J
110-86-1	Pyridine	C2716-413	68.7	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2716-413	43.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-413	46.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-413	56.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-413	50.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-413	56.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-413	57.6 %	(18 - 137)	



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2716-414	58.8	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2716-414	43.7	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2716-414	42.7	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2716-414	47.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2716-414	46.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2716-414	56.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2716-414	30.7	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2716-414	53.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2716-414	46.4	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2716-414	59.1	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2716-414	498	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2716-414	84.9	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2716-414	58.3	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2716-414	68.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2716-414	68.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2716-414	56.2	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2716-414	50.6	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2716-414	73.7	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2716-414	43.0	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2716-414	43.7	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2716-414	68.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2716-414	24.3	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2716-414	618	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2716-414	64.2	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2716-414	52.8	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2716-414	53.9	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2716-414	55.0	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2716-414	138	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2716-414	943	ND	ug/Kg	U
83-32-9	Acenaphthene	C2716-414	59.5	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2716-414	48.7	ND	ug/Kg	U
62-53-3	Aniline	C2716-414	44.0	ND	ug/Kg	U



Environmental Quality Services, Inc.

208 Route 109 Suite 101, Farmingdale NY 11735

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

9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2716-414	62.9	ND	ug/Kg	U
92-87-5	Benzidine	C2716-414	1240	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2716-414	59.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2716-414	73.7	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2716-414	58.7	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2716-414	108	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2716-414	108	ND	ug/Kg	U
65-85-0	Benzoic acid	C2716-414	8290	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2716-414	83.5	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2716-414	58.6	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2716-414	66.9	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2716-414	51.9	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2716-414	92.6	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2716-414	74.7	ND	ug/Kg	U
86-74-8	Carbazole	C2716-414	81.5	ND	ug/Kg	U
218-01-9	Chrysene	C2716-414	74.8	ND	ug/Kg	U
	Cresols	C2716-414	94.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2716-414	79.6	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2716-414	69.6	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2716-414	78.9	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2716-414	47.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2716-414	92.5	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2716-414	68.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2716-414	77.9	ND	ug/Kg	U
86-73-7	Fluorene	C2716-414	56.9	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2716-414	60.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2716-414	56.6	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2716-414	437	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2716-414	62.9	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2716-414	65.3	ND	ug/Kg	U
78-59-1	Isophorone	C2716-414	64.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2716-414	42.7	ND	ug/Kg	U



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9/9/2011

Semivolatile Compounds - EPA 8270C

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
62-75-9	N-Nitrosodimethylamine	C2716-414	89.8	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2716-414	77.1	ND	ug/Kg	U
91-20-3	Naphthalene	C2716-414	56.9	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2716-414	54.7	ND	ug/Kg	U
87-86-5	Pentachlorophenol	C2716-414	536	ND	ug/Kg	U
85-01-8	Phenanthrene	C2716-414	64.4	ND	ug/Kg	U
108-95-2	Phenol	C2716-414	36.9	ND	ug/Kg	U
129-00-0	Pyrene	C2716-414	52.3	ND	ug/Kg	U
110-86-1	Pyridine	C2716-414	81.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2716-414	34.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2716-414	37.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2716-414	43.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2716-414	38.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2716-414	44.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2716-414	51.4 %	(18 - 137)	



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-3

Client Sample ID: SB-38B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:27

% Solid: 87.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Ketone	6.50	1120	ug/Kg
Unknown Branched Alkane	6.59	2290	ug/Kg
Unknown Branched Alkane	6.95	4620	ug/Kg
Unknown Cycloalkane	7.14	1090	ug/Kg
Unknown Branched Alkane	7.22	970	ug/Kg
Unknown Branched Alkane	7.55	5450	ug/Kg
Unknown Compound	7.77	3080	ug/Kg
Unknown Branched Alkane	8.01	4280	ug/Kg
Unknown Ketone	8.09	2940	ug/Kg
Unknown Branched Alkane	8.94	3920	ug/Kg
Unknown Branched Alkane	9.67	3880	ug/Kg
		Total :	33640 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-4

Client Sample ID: SB-38C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 08:31

% Solid: 83%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg
None Detected			ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	5.87	1670	ug/Kg
Unknown EthylBenzene	5.90	1490	ug/Kg
Unknown Branched Alkane	6.06	1070	ug/Kg
Unknown Compound	6.15	1940	ug/Kg
Unknown Compound	6.22	3420	ug/Kg
Unknown Compound	6.36	1140	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	6.77	2700	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	6.82	1410	ug/Kg
Unknown Cycloalkane	6.85	1350	ug/Kg
Unknown Compound	6.90	1580	ug/Kg
Unknown Branched Alkane	6.96	6760	ug/Kg
Unknown Compound	7.11	3080	ug/Kg
Unknown Branched Alkane	7.22	2520	ug/Kg
Unknown Compound	7.25	1340	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.31	1830	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.07	4340	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.62	4820	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.65	6400	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.74	8170	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.07	6670	ug/Kg
Unknown Compound	9.58	8950	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.46	4240	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.50	6900	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.95	2690	ug/Kg
Total :		86480	ug/Kg



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9/9/2011

Semivolatiles + 30- TIC Search

Sample: 1108070-5

Client Sample ID: SB-39B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:00

% Solid: 90.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Alcohol	4.15	762	ug/Kg
Unknown Branched Alkane	4.26	789	ug/Kg
Unknown Cycloalkane	4.68	2020	ug/Kg
Unknown EthylBenzene	4.79	1600	ug/Kg
Unknown Branched Alkane	4.96	4720	ug/Kg
Unknown Cycloalkane	5.21	3600	ug/Kg
Unknown Aromatic	5.28	14200	ug/Kg
Unknown Branched Alkane	5.37	4420	ug/Kg
Unknown Aromatic	5.51	6930	ug/Kg
Unknown Aromatic	5.65	10500	ug/Kg
Unknown EthylBenzene	5.70	8620	ug/Kg
Unknown EthylBenzene	5.75	1040	ug/Kg
Unknown Ketone	5.79	3000	ug/Kg
Unknown EthylBenzene	5.86	10000	ug/Kg
Unknown Aromatic	5.91	7420	ug/Kg
Unknown EthylBenzene	6.07	3140	ug/Kg
Unknown EthylBenzene	6.13	3430	ug/Kg
Unknown Cycloalkane	6.23	7030	ug/Kg
Unknown Aromatic	6.40	8440	ug/Kg
Unknown Aromatic	6.78	2760	ug/Kg
Unknown Branched Alkane	6.98	2180	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	11.06	4420	ug/Kg
		Total :	111021 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-6

Client Sample ID: SB-39C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:05

% Solid: 85.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Alcohol	4.15	6530	ug/Kg
Unknown Cycloalkane	4.52	8220	ug/Kg
Unknown Cycloalkane	4.69	11100	ug/Kg
Unknown MethylBenzene	4.78	8750	ug/Kg
Unknown Cycloalkane	4.82	17100	ug/Kg
Unknown Branched Alkane	4.94	18400	ug/Kg
Unknown Cycloalkane	5.18	21100	ug/Kg
Unknown Cycloalkane	5.31	13600	ug/Kg
Unknown Branched Alkane	5.37	28300	ug/Kg
Unknown Cycloalkane	5.53	20200	ug/Kg
Unknown Branched Alkane	5.60	19200	ug/Kg
Unknown Compound	5.70	20100	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	5.79	18700	ug/Kg
Unknown EthylBenzene	5.91	79800	ug/Kg
Unknown EthylBenzene	6.13	6520	ug/Kg
Unknown MethylBenzene	6.23	10900	ug/Kg
Unknown MethylBenzene	6.29	7380	ug/Kg
Unknown Aromatic	6.40	15000	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.14	11600	ug/Kg
Unknown Cycloalkane	7.58	9090	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.99	9530	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.67	7710	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.76	11900	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.08	9300	ug/Kg
Unknown Compound	9.60	8220	ug/Kg
		Total :	398250 ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-7

Client Sample ID: SB-39E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 09:10

% Solid: 79.3%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Ketone	4.16	835	ug/Kg
		Total :	835 ug/Kg

Sample: 1108070-8

Client Sample ID: SB-40B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:33

% Solid: 81.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-9

Client Sample ID: SB-40C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:36

% Solid: 74.5%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Cycloalkane	5.18	3670	ug/Kg
Unknown Branched Alkane	5.37	6860	ug/Kg
Unknown EthylBenzene	5.75	3620	ug/Kg
Unknown Cycloalkene	5.79	6360	ug/Kg
Unknown EthylBenzene	5.90	15100	ug/Kg
Unknown Branched Alkane	6.06	4700	ug/Kg
Unknown Compound	6.15	6710	ug/Kg
Unknown Acid	6.22	14200	ug/Kg
Unknown Compound	6.27	10000	ug/Kg
Unknown Branched Alkane	6.36	3980	ug/Kg
Unknown MethylBenzene	6.39	6340	ug/Kg
Unknown Branched Alkane	6.45	7110	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	6.50	7050	ug/Kg
Unknown Cycloalkane	6.82	6640	ug/Kg
Unknown Cycloalkane	6.86	3660	ug/Kg
Unknown Compound	6.90	10100	ug/Kg
Unknown Branched Alkane	6.95	26700	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.13	14600	ug/Kg
Unknown Branched Alkane	7.22	6550	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.31	7570	ug/Kg
Unknown Branched Alkane	7.56	85700	ug/Kg
Unknown Compound	7.77	47900	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.97	24300	ug/Kg
Unknown Cycloalkane	8.01	36200	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.64	21500	ug/Kg
Total :		387120	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1108070-11

Client Sample ID: SB-41B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:53

% Solid: 85.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-12

Client Sample ID: SB-41C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:57

% Solid: 86%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Cycloalkane	6.21	4550	ug/Kg
Unknown Branched Alkane	6.95	10700	ug/Kg
Unknown Compound	7.10	5280	ug/Kg
Unknown Compound	7.22	4310	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.46	11500	ug/Kg
Unknown Branched Alkane	7.55	15700	ug/Kg
Unknown Compound	7.76	5550	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.96	16300	ug/Kg
Unknown Branched Alkane	8.01	17100	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.05	17900	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.08	14200	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.17	6570	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.36	4040	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.55	4400	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.60	12300	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.64	14900	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.73	28400	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.81	11200	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.06	12600	ug/Kg
Unknown Compound	9.33	8500	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.42	4880	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	9.57	8570	ug/Kg
Unknown Cycloalkane	9.67	7230	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.45	3490	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	11.02	3360	ug/Kg
Total :		253530	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1108070-14

Client Sample ID: SB-43B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:30

% Solid: 93%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-15

Client Sample ID: SB-43C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:35

% Solid: 73.2%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Ketone	4.15	1180	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	4.69	892	ug/Kg
Unknown Compound	5.15	1480	ug/Kg
Unknown Cycloalkane	5.31	1650	ug/Kg
Unknown Branched Alkane	5.37	3970	ug/Kg
Unknown Straight-chain Hydrocarbon	5.49	1130	ug/Kg
Unknown Branched Alkane	5.60	2140	ug/Kg
Unknown Cycloalkane	5.75	1560	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	5.79	4680	ug/Kg
Unknown EthylBenzene	5.90	8650	ug/Kg
Unknown Branched Alkane	6.07	1690	ug/Kg
Unknown Compound	6.15	6570	ug/Kg
Unknown Cycloalkane	6.22	6020	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	6.27	5540	ug/Kg
Unknown Cycloalkane	6.37	1360	ug/Kg
Unknown Branched Alkane	6.46	2470	ug/Kg
Unknown Compound	6.77	2550	ug/Kg
Unknown Branched Alkane	6.96	2310	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	7.32	1880	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	8.65	5460	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.29	1920	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.45	2360	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.48	2990	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	10.88	2860	ug/Kg
Unknown PolynuClear Aromatic Hydrocarbon	11.02	2260	ug/Kg
Total :		75572	ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-16

Client Sample ID: SB-43E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:50

% Solid: 60.9%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Ketone	4.15	1220	ug/Kg
		Total :	1220 ug/Kg

Sample: 1108070-17

Client Sample ID: SB-44B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:50

% Solid: 73.6%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg

Sample: 1108070-18

Client Sample ID: SB-44C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:53

% Solid: 81.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-20

Client Sample ID: SB-45B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:13

% Solid: 88.6%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Ketone	4.15	748	ug/Kg
		Total :	748 ug/Kg

Sample: 1108070-21

Client Sample ID: SB-45C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:16

% Solid: 83.1%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
Unknown Ketone	4.15	934	ug/Kg
		Total :	934 ug/Kg

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/8/2011

Analyte	RT	Result	Units
None Detected			ug/Kg



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9/9/2011

Semivolatiles + 30 - TIC Search

Sample: 1108070-24

Client Sample ID: SB-46B

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:31

% Solid: 90.5%

Remarks:

Analyzed Date: 8/17/2011

Preparation Date(s) : 8/9/2011

Analyte	RT	Result	Units
Unknown Compound	8.27	2010	ug/Kg
Unknown Cycloalkane	9.66	1950	ug/Kg
Total :		3960	ug/Kg

Sample: 1108070-25

Client Sample ID: SB-46C

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:35

% Solid: 83.4%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analyte	RT	Result	Units
Unknown Ketone	4.15	821	ug/Kg
Total :		821	ug/Kg

Sample: 1108070-26

Client Sample ID: SB-46E

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:40

% Solid: 70.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/9/2011

Analyte	RT	Result	Units
Unknown Ketone	4.15	814	ug/Kg
Total :		814	ug/Kg



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/22/2011

Preparation Date(s) : 8/15/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1262-14	17.5	ND	ug/Kg	U
11104-28-2	PCB 1221	K1262-14	17.5	ND	ug/Kg	U
11141-16-5	PCB 1232	K1262-14	17.5	ND	ug/Kg	U
53469-21-9	PCB 1242	K1262-14	17.5	ND	ug/Kg	U
12672-29-6	PCB 1248	K1262-14	17.5	ND	ug/Kg	U
11097-69-1	PCB 1254	K1262-14	17.5	ND	ug/Kg	U
11096-82-5	PCB 1260	K1262-14	12.2	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	K1262-14	42.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1262-14	62.9 %	(30 - 150)	



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/22/2011

Preparation Date(s) : 8/15/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1262-15	17.5	ND	ug/Kg	U
11104-28-2	PCB 1221	K1262-15	17.5	ND	ug/Kg	U
11141-16-5	PCB 1232	K1262-15	17.5	ND	ug/Kg	U
53469-21-9	PCB 1242	K1262-15	17.5	ND	ug/Kg	U
12672-29-6	PCB 1248	K1262-15	17.5	1100	ug/Kg	
11097-69-1	PCB 1254	K1262-15	17.5	ND	ug/Kg	U
11096-82-5	PCB 1260	K1262-15	12.2	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	K1262-15	61.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1262-15	55.4 %	(30 - 150)	



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9/9/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/22/2011

Preparation Date(s) : 8/15/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1262-16	17.4	ND	ug/Kg	U
11104-28-2	PCB 1221	K1262-16	17.4	ND	ug/Kg	U
11141-16-5	PCB 1232	K1262-16	17.4	ND	ug/Kg	U
53469-21-9	PCB 1242	K1262-16	17.4	ND	ug/Kg	U
12672-29-6	PCB 1248	K1262-16	17.4	ND	ug/Kg	U
11097-69-1	PCB 1254	K1262-16	17.4	ND	ug/Kg	U
11096-82-5	PCB 1260	K1262-16	12.1	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	K1262-16	59.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1262-16	121.0 %	(30 - 150)	



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9/9/2011

Lead by SW846 6010/EPA 200.7

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.42	50.9	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.41	41.0	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1108070-19

Client Sample ID: S-44A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 13:55

% Solid: 86.4%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.41	39.4	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Lead by SW846 6010/EPA 200.7

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.41	35.0	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1108070-23

Client Sample ID: S-48A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:24

% Solid: 93.5%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.39	41.7	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1108070-27

Client Sample ID: S-49A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:45

% Solid: 73.7%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-92-1	Lead	0.50	105	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/16/2011

Preparation Date(s) : 8/10/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.016	0.055	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/10/2011

Preparation Date(s) : 8/10/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.016	0.073	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/10/2011

Preparation Date(s) : 8/10/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.014	0.074	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

TAL Metals by SW846 6010

Sample: 1108070-10

Client Sample ID: SB-39A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 11:39

% Solid: 90.7%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/10/2011 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.42	3010	mg/Kg	
7440-36-0	Antimony	1.06	ND	mg/Kg	U
7440-38-2	Arsenic	0.82	ND	mg/Kg	U
7440-39-3	Barium	0.35	32.6	mg/Kg	
7440-41-7	Beryllium	0.20	ND	mg/Kg	U
7440-43-9	Cadmium	0.28	0.43	mg/Kg	
7440-70-2	Calcium	2.91	21900	mg/Kg	
7440-47-3	Chromium	0.21	10.2	mg/Kg	
7440-48-4	Cobalt	0.35	2.60	mg/Kg	
7440-50-8	Copper	0.91	18.3	mg/Kg	
7439-89-6	Iron	2.03	7980	mg/Kg	
7439-92-1	Lead	0.42	50.9	mg/Kg	
7439-95-4	Magnesium	4.28	4830	mg/Kg	
7439-96-5	Manganese	1.13	98.4	mg/Kg	
7440-02-0	Nickel	1.16	5.21	mg/Kg	
7440-09-7	Potassium	5.88	515	mg/Kg	
7782-49-2	Selenium	0.69	ND	mg/Kg	U
7440-22-4	Silver	0.32	ND	mg/Kg	U
7440-23-5	Sodium	2.44	407	mg/Kg	
7440-28-0	Thallium	0.88	ND	mg/Kg	U
7440-62-2	Vanadium	0.28	20.1	mg/Kg	
7440-66-6	Zinc	2.36	58.4	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

TAL Metals by SW846 6010

Sample: 1108070-13

Client Sample ID: S-42A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 12:20

% Solid: 90.8%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/10/2011 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.38	2100	mg/Kg	
7440-36-0	Antimony	1.03	ND	mg/Kg	U
7440-38-2	Arsenic	0.80	1.76	mg/Kg	
7440-39-3	Barium	0.34	18.9	mg/Kg	
7440-41-7	Beryllium	0.20	ND	mg/Kg	U
7440-43-9	Cadmium	0.27	3.33	mg/Kg	
7440-70-2	Calcium	2.84	2220	mg/Kg	
7440-47-3	Chromium	0.21	120	mg/Kg	
7440-48-4	Cobalt	0.34	2.17	mg/Kg	
7440-50-8	Copper	0.89	35.2	mg/Kg	
7439-89-6	Iron	1.97	5500	mg/Kg	
7439-92-1	Lead	0.41	41.0	mg/Kg	
7439-95-4	Magnesium	4.16	1270	mg/Kg	
7439-96-5	Manganese	1.09	64.6	mg/Kg	
7440-02-0	Nickel	1.13	5.96	mg/Kg	
7440-09-7	Potassium	5.73	275	mg/Kg	
7782-49-2	Selenium	0.67	ND	mg/Kg	U
7440-22-4	Silver	0.31	13.8	mg/Kg	
7440-23-5	Sodium	2.38	29.7	mg/Kg	
7440-28-0	Thallium	0.85	ND	mg/Kg	U
7440-62-2	Vanadium	0.27	9.80	mg/Kg	
7440-66-6	Zinc	2.30	93.8	mg/Kg	

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9/9/2011

TAL Metals by SW846 6010

Sample: 1108070-22

Client Sample ID: S-47A

Matrix: Soil

Type: Grab

Collected: 8/3/2011 14:20

% Solid: 91.5%

Remarks:

Analyzed Date: 8/9/2011

Preparation Date(s) : 8/10/2011 8/9/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.40	3680	mg/Kg	
7440-36-0	Antimony	1.05	ND	mg/Kg	U
7440-38-2	Arsenic	0.81	ND	mg/Kg	U
7440-39-3	Barium	0.35	38.4	mg/Kg	
7440-41-7	Beryllium	0.20	ND	mg/Kg	U
7440-43-9	Cadmium	0.28	0.38	mg/Kg	
7440-70-2	Calcium	2.88	29000	mg/Kg	
7440-47-3	Chromium	0.21	9.58	mg/Kg	
7440-48-4	Cobalt	0.35	2.88	mg/Kg	
7440-50-8	Copper	0.90	12.6	mg/Kg	
7439-89-6	Iron	2.00	9360	mg/Kg	
7439-92-1	Lead	0.41	35.0	mg/Kg	
7439-95-4	Magnesium	4.23	2970	mg/Kg	
7439-96-5	Manganese	1.11	134	mg/Kg	
7440-02-0	Nickel	1.15	4.14	mg/Kg	
7440-09-7	Potassium	5.82	497	mg/Kg	
7782-49-2	Selenium	0.68	ND	mg/Kg	U
7440-22-4	Silver	0.31	ND	mg/Kg	U
7440-23-5	Sodium	2.42	113	mg/Kg	
7440-28-0	Thallium	0.87	ND	mg/Kg	U
7440-62-2	Vanadium	0.28	15.6	mg/Kg	
7440-66-6	Zinc	2.34	38.4	mg/Kg	

* Results are reported on a dry weight basis



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9/9/2011

Case Narrative

METALS ANALYSIS - ICP & Mercury
Analytical Batch: C4180, E2391, E2394

SAMPLE INFORMATION

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

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

INITIAL & CONTINUING CALIBRATION VERIFICATION INFORMATION

Initial Calibration Verification (ICV):

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

Continuing Calibration Verification (CCV):

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

Mercury:

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

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

LOQ STANDARD INFORMATION

ICP:

Level of Quantitation Standard (CRI):

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

.

Mercury:

Level of Quantitation Standard (CRA):

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

BLANK INFORMATION

Initial Calibration Blank (ICB):

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

Continuing Calibration Blank (CCB):

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

Preparation Blank (PB):

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



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Case Narrative

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

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

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

INTERFERENCE CHECK SAMPLE INFORMATION

Initial Interference Check Sample (ICSA):

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

Initial Interference Check Sample (ICSAB):

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

MATRIX SPIKE & POST DIGESTION SPIKE INFORMATION

ICP:

Sample 1108070-10 was utilized for the matrix spike analysis. All spike recoveries fell within QC limits(met QC criteria.)

Mercury:

Batch QC was utilized for the matrix spike analysis. The spike recovery met QC criteria based on the concentration of Mercury detected at this sample point.

DUPLICATE SAMPLE INFORMATION

ICP:

Sample 1108070-10 MSD was utilized for the Duplicate (DUP) analysis. All %RPD met QC criteria with the exception of Calcium (21%) and Magnesium (45%) In addition sample 1108070-13 was utilized as a laboratory duplicate sample analysis and reported herein.

Mercury:

Sample 1108070-10 DUP was utilized for the Duplicate (DUP) analysis. The %RPD met QC criteria.XXXXXXXXXXX

LABORATORY CONTROL SAMPLE INFORMATION

All recoveries for the LCSS associated with the samples met QC limits.

Mercury:

The recovery for the LCSS associated with the samples met QC limits.

SERIAL DILUTION SAMPLE INFORMATION

ICP ONLY:

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

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



n criteria are not applicable for these samples.

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9/9/2011

Case Narrative

Samples were reported from undiluted analyses.



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9/9/2011

Case Narrative

EPA 8260 VOLATILE SOIL 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 Curve:

The following compounds exhibited a % RSD of >15 % and required linear regression quantitation. (Correlation coefficients met method criteria of 0.995 or greater):

Acetone
Bromomethane
1,1,2-Trichlorotrifluoroethane
1,1-Dichloropropene
Tert Amyl Methyl Ether
Tetrahydrofuran
Trichloroethene
2chloroethylvinylether

The following compounds exhibited correlation coefficients of < 0.995, qualifying results as estimated for any positive hits of these compounds:

Acetone (0.995)
Trichloroethene (1.000)

Sample 1108070-17 : due to the high concentration of non-target compounds present in the sample re-analysis at lower dilution was not possible without heavy system and detector contamination occurring.

Sample 18 was analyzed at a MLS on August 11, re-analysis as a lower dilution was done 1 day after holding time.

Sample 26 was analyzed at a straight ,re-analysis at a higher dilution was done 7 days after holding time.

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 (1.00 coefficient)
Phenol (0.999 coefficient)



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9/9/2011

Case Narrative

4,6-Dinitro-2-methylphenol (0.994 coefficient)

pentachlorophenol (0.994coefficient)Fluranthene(0.994 coefficient)

Benzidine (0999 coefficient)



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9/9/2011

ORGANIC METHOD QUALIFIERS

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

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

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

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

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

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

M - (Method) qualifiers are as follows:

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

OTHER QUALIFIERS

ND - Not Detected

