

# Environmental Testing Laboratories, Inc.

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

05/22/2008

**Laboratory Identifier: 0706161**

Received: 06/07/2007 17:29

**Client: Blue Water**

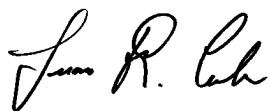
1610 New Highway  
Farmingdale,  
NY 11735

**Project: Island Park Pilot Study**

7 Washington Ave  
Island Park,  
NY 11558

**Manager: Kim Simone/Ellis Kotch**

Respectfully submitted,



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Technical Director

NYS Lab ID # 10969  
NJ Cert. # 73812  
CT Cert. # PH0645  
MA Cert. # NY061  
NH Cert. # 252592-BA



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-1**

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9703	5.77	10.9	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9703	0.65	0.65	ug/Kg	U
67-66-3	Chloroform	B2372-9703	0.54	0.54	ug/Kg	U
71-43-2	Benzene	B2372-9703	0.57	0.57	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9703	0.57	0.57	ug/Kg	U
74-83-9	Bromomethane	B2372-9703	0.59	0.59	ug/Kg	U
74-87-3	Chloromethane	B2372-9703	0.44	0.44	ug/Kg	U
74-95-3	Dibromomethane	B2372-9703	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9703	1.14	1.14	ug/Kg	U
75-00-3	Chloroethane	B2372-9703	1.45	1.45	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9703	0.67	0.67	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9703	0.97	2.46	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9703	1.42	1.42	ug/Kg	U
75-25-2	Bromoform	B2372-9703	1.29	1.29	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9703	0.49	0.49	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9703	0.50	0.50	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9703	0.79	0.79	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9703	0.74	0.74	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9703	19.8	19.8	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9703	0.73	0.73	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9703	0.60	0.60	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9703	0.84	0.84	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9703	0.43	0.43	ug/Kg	U
78-93-3	2-Butanone	B2372-9703	3.60	3.60	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9703	1.00	1.00	ug/Kg	U
79-01-6	Trichloroethene	B2372-9703	0.41	0.41	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9703	1.63	1.63	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9703	1.17	1.17	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9703	1.13	1.13	ug/Kg	U
91-20-3	Naphthalene	B2372-9703	1.39	1.39	ug/Kg	U
95-47-6	o-xylene	B2372-9703	0.86	0.86	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9703	1.01	1.01	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9703	1.35	1.35	ug/Kg	U



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05/22/2008

## Volatiles - EPA 8260B

### Sample: 0706161-1

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

## Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9703	1.07	1.07	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9703	1.24	1.24	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9703	2.61	2.61	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9703	2.29	2.29	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9703	1.09	1.09	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9703	0.72	0.72	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9703	0.90	0.90	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9703	0.49	0.49	ug/Kg	U
100-42-5	Styrene	B2372-9703	0.84	0.84	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9703	0.82	0.82	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9703	1.01	1.01	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9703	1.13	1.13	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9703	1.12	1.12	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9703	1.17	1.17	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9703	0.84	0.84	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9703	0.65	0.65	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9703	6.99	6.99	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9703	2.21	2.21	ug/Kg	U
108-38-3	m,p-xylene	B2372-9703	1.14	1.74	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9703	0.93	0.93	ug/Kg	U
108-86-1	Bromobenzene	B2372-9703	0.92	0.92	ug/Kg	U
108-88-3	Toluene	B2372-9703	0.43	0.43	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9703	0.58	0.58	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9703	3.86	3.86	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9703	1.14	1.14	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9703	0.82	0.82	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9703	0.66	0.66	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9703	0.95	0.95	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9703	0.62	0.62	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9703	0.62	0.62	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9703	0.48	0.48	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9703	1.13	1.13	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9703	1.20	1.20	ug/Kg	U



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05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-1**

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9703	0.88	0.88	ug/Kg	U
591-78-6	2-Hexanone	B2372-9703	1.98	1.98	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9703	1.05	1.05	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9703	0.90	0.90	ug/Kg	U
994-05-8	TAME	B2372-9703	2.39	2.39	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9703	0.57	0.57	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9703	0.56	0.56	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9703	0.56	0.56	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	B2372-9703	107.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9703	103.0 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9703	101.0 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9703	98.3 %	( 87 - 113)	



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05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-3**

Client Sample ID: TP9 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9706	8.70	40.4	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9706	0.98	0.98	ug/Kg	U
67-66-3	Chloroform	B2372-9706	0.81	0.81	ug/Kg	U
71-43-2	Benzene	B2372-9706	0.86	0.86	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9706	0.86	0.86	ug/Kg	U
74-83-9	Bromomethane	B2372-9706	0.89	0.89	ug/Kg	U
74-87-3	Chloromethane	B2372-9706	0.67	0.67	ug/Kg	U
74-95-3	Dibromomethane	B2372-9706	0.86	0.86	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9706	1.72	1.72	ug/Kg	U
75-00-3	Chloroethane	B2372-9706	2.18	2.18	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9706	1.01	1.01	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9706	1.46	1.46	ug/Kg	U
75-15-0	Carbon disulfide	B2372-9706	2.15	2.15	ug/Kg	U
75-25-2	Bromoform	B2372-9706	1.94	1.94	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9706	0.74	0.74	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9706	0.76	0.76	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9706	1.19	1.19	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9706	1.12	1.12	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9706	29.9	29.9	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9706	1.10	1.10	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9706	0.91	0.91	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9706	1.27	1.27	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9706	0.65	0.65	ug/Kg	U
78-93-3	2-Butanone	B2372-9706	5.44	7.61	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9706	1.51	1.51	ug/Kg	U
79-01-6	Trichloroethene	B2372-9706	0.62	0.62	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9706	2.46	2.46	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9706	1.77	1.77	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9706	1.70	1.70	ug/Kg	U
91-20-3	Naphthalene	B2372-9706	2.10	2.10	ug/Kg	U
95-47-6	o-xylene	B2372-9706	1.29	1.29	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9706	1.53	1.53	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9706	2.03	2.03	ug/Kg	U



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05/22/2008

## Volatiles - EPA 8260B

### Sample: 0706161-3

Client Sample ID: TP9 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

## Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9706	1.62	1.62	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9706	1.87	1.87	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9706	3.94	3.94	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9706	3.46	3.46	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9706	1.65	1.65	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9706	1.08	1.08	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9706	1.36	1.36	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9706	0.74	0.74	ug/Kg	U
100-42-5	Styrene	B2372-9706	1.27	1.27	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9706	1.24	1.24	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9706	1.53	1.53	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9706	1.70	1.70	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9706	1.69	1.69	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9706	1.77	1.77	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9706	1.27	1.27	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9706	0.98	0.98	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9706	10.5	10.5	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9706	3.34	3.34	ug/Kg	U
108-38-3	m,p-xylene	B2372-9706	1.72	1.72	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9706	1.41	1.41	ug/Kg	U
108-86-1	Bromobenzene	B2372-9706	1.39	1.39	ug/Kg	U
108-88-3	Toluene	B2372-9706	0.65	0.65	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9706	0.88	0.88	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9706	5.83	5.83	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9706	1.72	1.72	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9706	1.24	1.24	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9706	1.00	1.00	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9706	1.43	1.43	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9706	0.93	0.93	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9706	0.93	0.93	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9706	0.72	0.72	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9706	1.70	1.70	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9706	1.81	1.81	ug/Kg	U



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05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-3**

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Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9706	1.32	1.32	ug/Kg	U
591-78-6	2-Hexanone	B2372-9706	2.99	2.99	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9706	1.58	1.58	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9706	1.36	1.36	ug/Kg	U
994-05-8	TAME	B2372-9706	3.61	3.61	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9706	0.86	0.86	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9706	0.84	0.84	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9706	0.84	0.84	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	B2372-9706	107.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9706	103.0 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9706	98.8 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9706	96.5 %	( 87 - 113)	



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05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-4**

Client Sample ID: TP9 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9707	6.17	14.2	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9707	0.70	0.70	ug/Kg	U
67-66-3	Chloroform	B2372-9707	0.57	0.57	ug/Kg	U
71-43-2	Benzene	B2372-9707	0.61	0.61	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9707	0.61	0.61	ug/Kg	U
74-83-9	Bromomethane	B2372-9707	0.63	0.63	ug/Kg	U
74-87-3	Chloromethane	B2372-9707	0.48	0.48	ug/Kg	U
74-95-3	Dibromomethane	B2372-9707	0.61	0.61	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9707	1.22	1.22	ug/Kg	U
75-00-3	Chloroethane	B2372-9707	1.55	1.55	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9707	0.72	0.72	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9707	1.04	3.65	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9707	1.52	5.90	ug/Kg	J
75-25-2	Bromoform	B2372-9707	1.38	1.38	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9707	0.52	0.52	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9707	0.54	0.54	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9707	0.84	0.84	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9707	0.79	0.79	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9707	21.2	21.2	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9707	0.78	0.78	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9707	0.65	0.65	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9707	0.90	0.90	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9707	0.46	0.46	ug/Kg	U
78-93-3	2-Butanone	B2372-9707	3.86	5.46	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9707	1.07	1.07	ug/Kg	U
79-01-6	Trichloroethene	B2372-9707	0.44	0.44	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9707	1.74	1.74	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9707	1.26	1.26	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9707	1.21	1.21	ug/Kg	U
91-20-3	Naphthalene	B2372-9707	1.49	1.49	ug/Kg	U
95-47-6	o-xylene	B2372-9707	0.92	0.92	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9707	1.09	1.09	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9707	1.44	1.44	ug/Kg	U





# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

### Sample: 0706161-4

Client Sample ID: TP9 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

## Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9707	1.15	1.15	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9707	1.33	1.33	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9707	2.79	2.79	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9707	2.45	2.45	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9707	1.17	1.17	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9707	0.77	0.77	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9707	0.96	0.96	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9707	0.52	0.52	ug/Kg	U
100-42-5	Styrene	B2372-9707	0.90	0.90	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9707	0.88	0.88	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9707	1.09	1.09	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9707	1.21	1.21	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9707	1.20	1.20	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9707	1.26	1.26	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9707	0.90	0.90	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9707	0.70	0.70	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9707	7.48	7.48	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9707	2.37	2.37	ug/Kg	U
108-38-3	m,p-xylene	B2372-9707	1.22	1.54	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9707	1.00	1.00	ug/Kg	U
108-86-1	Bromobenzene	B2372-9707	0.99	0.99	ug/Kg	U
108-88-3	Toluene	B2372-9707	0.46	0.46	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9707	0.62	0.62	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9707	4.14	4.14	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9707	1.22	1.22	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9707	0.88	0.88	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9707	0.71	0.71	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9707	1.01	1.01	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9707	0.66	0.66	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9707	0.66	0.66	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9707	0.51	0.51	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9707	1.21	1.21	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9707	1.28	1.28	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-4**

Client Sample ID: TP9 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9707	0.94	0.94	ug/Kg	U
591-78-6	2-Hexanone	B2372-9707	2.12	2.12	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9707	1.12	1.12	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9707	0.96	0.96	ug/Kg	U
994-05-8	TAME	B2372-9707	2.56	2.56	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9707	0.61	0.61	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9707	0.60	0.60	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9707	0.60	0.60	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	B2372-9707	105.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9707	105.0 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9707	97.4 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9707	98.5 %	( 87 - 113)	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9708	5.82	<b>33.9</b>	ug/Kg	
56-23-5	Carbon Tetrachloride	B2372-9708	0.66	0.66	ug/Kg	U
67-66-3	Chloroform	B2372-9708	0.54	0.54	ug/Kg	U
71-43-2	Benzene	B2372-9708	0.57	0.57	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9708	0.57	0.57	ug/Kg	U
74-83-9	Bromomethane	B2372-9708	0.60	0.60	ug/Kg	U
74-87-3	Chloromethane	B2372-9708	0.45	0.45	ug/Kg	U
74-95-3	Dibromomethane	B2372-9708	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9708	1.15	1.15	ug/Kg	U
75-00-3	Chloroethane	B2372-9708	1.46	1.46	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9708	0.68	0.68	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9708	0.98	<b>4.15</b>	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9708	1.44	1.44	ug/Kg	U
75-25-2	Bromoform	B2372-9708	1.30	1.30	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9708	0.49	0.49	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9708	0.51	0.51	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9708	0.79	0.79	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9708	0.75	0.75	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9708	20.0	20.0	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9708	0.74	0.74	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9708	0.61	0.61	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9708	0.85	0.85	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9708	0.44	0.44	ug/Kg	U
78-93-3	2-Butanone	B2372-9708	3.63	<b>6.54</b>	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9708	1.01	1.01	ug/Kg	U
79-01-6	Trichloroethene	B2372-9708	0.41	0.41	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9708	1.64	1.64	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9708	1.18	1.18	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9708	1.14	1.14	ug/Kg	U
91-20-3	Naphthalene	B2372-9708	1.40	1.40	ug/Kg	U
95-47-6	o-xylene	B2372-9708	0.86	<b>1.01</b>	ug/Kg	J
95-49-8	2-Chlorotoluene	B2372-9708	1.02	1.02	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9708	1.36	1.36	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9708	1.08	21.9	ug/Kg	
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9708	1.25	19.4	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9708	2.63	2.63	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9708	2.31	2.31	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9708	1.10	1.10	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9708	0.72	0.94	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2372-9708	0.91	3.31	ug/Kg	J
100-41-4	Ethylbenzene	B2372-9708	0.49	6.40	ug/Kg	
100-42-5	Styrene	B2372-9708	0.85	0.85	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9708	0.83	1.64	ug/Kg	J
104-51-8	n-Butylbenzene	B2372-9708	1.02	1.02	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9708	1.14	1.14	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9708	1.13	1.13	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9708	1.18	1.18	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9708	0.85	0.85	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9708	0.66	0.66	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9708	7.05	7.05	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9708	2.23	2.23	ug/Kg	U
108-38-3	m,p-xylene	B2372-9708	1.15	2.16	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9708	0.94	7.76	ug/Kg	
108-86-1	Bromobenzene	B2372-9708	0.93	0.93	ug/Kg	U
108-88-3	Toluene	B2372-9708	0.44	0.81	ug/Kg	J
108-90-7	Chlorobenzene	B2372-9708	0.59	0.59	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9708	3.90	3.90	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9708	1.15	1.15	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9708	0.83	0.83	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9708	0.67	0.67	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9708	0.95	1.35	ug/Kg	J
142-28-9	1,3-Dichloropropane	B2372-9708	0.62	0.62	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9708	0.62	0.62	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9708	0.48	0.48	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9708	1.14	1.14	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9708	1.21	1.21	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9708	0.89	0.89	ug/Kg	U
591-78-6	2-Hexanone	B2372-9708	2.00	2.00	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9708	1.06	<b>2.07</b>	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9708	0.91	0.91	ug/Kg	U
994-05-8	TAME	B2372-9708	2.41	2.41	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9708	0.57	0.57	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9708	0.56	0.56	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9708	0.56	0.56	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	B2372-9708	104.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9708	101.0 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9708	93.4 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9708	98.9 %	( 87 - 113)	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-7**

Client Sample ID: TP10 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	A2525-2835	227	227	ug/Kg	U
56-23-5	Carbon Tetrachloride	A2525-2835	86.1	86.1	ug/Kg	U
67-66-3	Chloroform	A2525-2835	112	112	ug/Kg	U
71-43-2	Benzene	A2525-2835	97.6	97.6	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A2525-2835	123	123	ug/Kg	U
74-83-9	Bromomethane	A2525-2835	149	149	ug/Kg	U
74-87-3	Chloromethane	A2525-2835	210	210	ug/Kg	U
74-95-3	Dibromomethane	A2525-2835	118	118	ug/Kg	U
74-97-5	Bromochloromethane	A2525-2835	175	175	ug/Kg	U
75-00-3	Chloroethane	A2525-2835	215	215	ug/Kg	U
75-01-4	Vinyl Chloride	A2525-2835	109	109	ug/Kg	U
75-09-2	Methylene Chloride	A2525-2835	126	126	ug/Kg	U
75-15-0	Carbon disulfide	A2525-2835	91.8	91.8	ug/Kg	U
75-25-2	Bromoform	A2525-2835	132	132	ug/Kg	U
75-27-4	Bromodichloromethane	A2525-2835	129	129	ug/Kg	U
75-34-3	1,1-Dichloroethane	A2525-2835	103	103	ug/Kg	U
75-35-4	1,1-Dichloroethene	A2525-2835	106	106	ug/Kg	U
75-45-6	Chlorodifluoromethane	A2525-2835	100	100	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A2525-2835	6140	6140	ug/Kg	U
75-69-4	Trichlorofluoromethane	A2525-2835	97.6	97.6	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A2525-2835	97.6	97.6	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A2525-2835	132	132	ug/Kg	U
78-87-5	1,2-Dichloropropane	A2525-2835	141	141	ug/Kg	U
78-93-3	2-Butanone	A2525-2835	276	276	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A2525-2835	121	121	ug/Kg	U
79-01-6	Trichloroethene	A2525-2835	80.4	80.4	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A2525-2835	158	158	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A2525-2835	149	149	ug/Kg	U
87-68-3	Hexachlorobutadiene	A2525-2835	141	141	ug/Kg	U
91-20-3	Naphthalene	A2525-2835	155	<b>13500</b>	ug/Kg	
95-47-6	o-xylene	A2525-2835	126	126	ug/Kg	U
95-49-8	2-Chlorotoluene	A2525-2835	123	123	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A2525-2835	118	118	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

### Sample: 0706161-7

Client Sample ID: TP10 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

## Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	A2525-2835	109	48000	ug/Kg	E
95-93-2	1,2,4,5-Tetramethylbenzene	A2525-2835	121	13700	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	A2525-2835	201	201	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A2525-2835	204	204	ug/Kg	U
98-06-6	tert-Butylbenzene	A2525-2835	138	138	ug/Kg	U
98-82-8	Isopropylbenzene	A2525-2835	94.7	1400	ug/Kg	J
99-87-6	4-Isopropyltoluene	A2525-2835	106	2560	ug/Kg	
100-41-4	Ethylbenzene	A2525-2835	126	3050	ug/Kg	
100-42-5	Styrene	A2525-2835	94.7	94.7	ug/Kg	U
103-65-1	n-Propylbenzene	A2525-2835	103	3450	ug/Kg	
104-51-8	n-Butylbenzene	A2525-2835	112	4550	ug/Kg	
105-05-5	p-Diethylbenzene	A2525-2835	112	7960	ug/Kg	
106-43-4	4-Chlorotoluene	A2525-2835	132	132	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A2525-2835	132	132	ug/Kg	U
106-93-4	1,2-Dibromoethane	A2525-2835	103	103	ug/Kg	U
107-06-2	1,2-Dichloroethane	A2525-2835	91.8	91.8	ug/Kg	U
107-13-1	Acrylonitrile	A2525-2835	585	585	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A2525-2835	141	141	ug/Kg	U
108-38-3	m,p-xylene	A2525-2835	224	530	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	A2525-2835	97.6	1590	ug/Kg	
108-86-1	Bromobenzene	A2525-2835	109	109	ug/Kg	U
108-88-3	Toluene	A2525-2835	115	115	ug/Kg	U
108-90-7	Chlorobenzene	A2525-2835	103	103	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A2525-2835	508	508	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A2525-2835	121	121	ug/Kg	U
124-48-1	Dibromochloromethane	A2525-2835	129	129	ug/Kg	U
127-18-4	Tetrachloroethene	A2525-2835	51.7	51.7	ug/Kg	U
135-98-8	sec-Butylbenzene	A2525-2835	121	1810	ug/Kg	
142-28-9	1,3-Dichloropropane	A2525-2835	109	109	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A2525-2835	123	123	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A2525-2835	109	109	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A2525-2835	129	129	ug/Kg	U
563-58-6	1,1-Dichloropropene	A2525-2835	60.3	60.3	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-7**

Client Sample ID: TP10 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	A2525-2835	135	135	ug/Kg	U
591-78-6	2-Hexanone	A2525-2835	89.0	89.0	ug/Kg	U
622-96-8	p-Ethyltoluene	A2525-2835	115	<b>1570</b>	ug/Kg	
630-20-6	1,1,1,2-Tetrachloroethane	A2525-2835	123	123	ug/Kg	U
994-05-8	TAME	A2525-2835	118	118	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A2525-2835	115	115	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A2525-2835	118	118	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A2525-2835	121	121	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	A2525-2835	98.2 %	( 70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	A2525-2835	102.0 %	( 74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	A2525-2835	94.7 %	( 77 - 162)	
2037-26-5	TOLUENE-D8	A2525-2835	99.9 %	( 73 - 120)	





# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-9**

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9709	5.57	20.1	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9709	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9709	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9709	0.55	0.55	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9709	0.55	0.55	ug/Kg	U
74-83-9	Bromomethane	B2372-9709	0.57	0.57	ug/Kg	U
74-87-3	Chloromethane	B2372-9709	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9709	0.55	0.55	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9709	1.10	1.10	ug/Kg	U
75-00-3	Chloroethane	B2372-9709	1.40	1.40	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9709	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9709	0.94	2.76	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9709	1.38	1.38	ug/Kg	U
75-25-2	Bromoform	B2372-9709	1.24	1.24	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9709	0.47	0.47	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9709	0.48	0.48	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9709	0.76	0.76	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9709	0.71	0.71	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9709	19.1	19.1	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9709	0.70	0.70	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9709	0.58	0.58	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9709	0.81	0.81	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9709	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9709	3.48	3.48	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9709	0.97	0.97	ug/Kg	U
79-01-6	Trichloroethene	B2372-9709	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9709	1.57	1.57	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9709	1.13	1.13	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9709	1.09	1.09	ug/Kg	U
91-20-3	Naphthalene	B2372-9709	1.34	1.34	ug/Kg	U
95-47-6	o-xylene	B2372-9709	0.82	0.82	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9709	0.98	0.98	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9709	1.30	1.30	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

### Sample: 0706161-9

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

## Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9709	1.03	1.03	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9709	1.20	1.20	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9709	2.52	2.52	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9709	2.21	2.21	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9709	1.06	1.06	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9709	0.69	0.69	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9709	0.87	0.87	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9709	0.47	0.47	ug/Kg	U
100-42-5	Styrene	B2372-9709	0.81	0.81	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9709	0.79	0.79	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9709	0.98	0.98	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9709	1.09	1.09	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9709	1.08	1.08	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9709	1.13	1.13	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9709	0.81	0.81	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9709	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9709	6.74	6.74	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9709	2.13	2.13	ug/Kg	U
108-38-3	m,p-xylene	B2372-9709	1.10	1.10	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9709	0.90	0.90	ug/Kg	U
108-86-1	Bromobenzene	B2372-9709	0.89	0.89	ug/Kg	U
108-88-3	Toluene	B2372-9709	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9709	0.56	0.56	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9709	3.73	3.73	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9709	1.10	1.10	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9709	0.79	0.79	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9709	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9709	0.91	0.91	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9709	0.59	0.59	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9709	0.59	0.59	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9709	0.46	0.46	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9709	1.09	1.09	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9709	1.15	1.15	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-9**

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9709	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9709	1.91	1.91	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9709	1.01	1.01	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9709	0.87	0.87	ug/Kg	U
994-05-8	TAME	B2372-9709	2.31	2.31	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9709	0.55	0.55	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9709	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9709	0.54	0.54	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	B2372-9709	105.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9709	101.0 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9709	98.8 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9709	98.1 %	( 87 - 113)	



# Environmental Testing Laboratories, Inc.

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**05/22/2008**

## Volatiles - EPA 8260B

**Sample: 0706161-10**

Client Sample ID: TP11 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9710	5.62	<b>76.7</b>	ug/Kg	
56-23-5	Carbon Tetrachloride	B2372-9710	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9710	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9710	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9710	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2372-9710	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2372-9710	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9710	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9710	1.11	1.11	ug/Kg	U
75-00-3	Chloroethane	B2372-9710	1.41	1.41	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9710	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9710	0.94	<b>4.40</b>	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9710	1.39	1.39	ug/Kg	U
75-25-2	Bromoform	B2372-9710	1.25	1.25	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9710	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9710	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9710	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9710	0.72	0.72	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9710	19.3	19.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9710	0.71	0.71	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9710	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9710	0.82	0.82	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9710	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9710	3.51	<b>15.0</b>	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9710	0.98	0.98	ug/Kg	U
79-01-6	Trichloroethene	B2372-9710	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9710	1.59	1.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9710	1.14	1.14	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9710	1.10	1.10	ug/Kg	U
91-20-3	Naphthalene	B2373-9739	6.76	<b>741</b>	ug/Kg	
95-47-6	o-xylene	B2372-9710	0.83	<b>4.15</b>	ug/Kg	J
95-49-8	2-Chlorotoluene	B2372-9710	0.99	0.99	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9710	1.31	1.31	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

### Sample: 0706161-10

Client Sample ID: TP11 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

## Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9710	1.04	1.77	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9739	6.04	526	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9710	2.54	2.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9710	2.23	2.23	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9710	1.07	3.70	ug/Kg	J
98-82-8	Isopropylbenzene	B2372-9710	0.70	19.4	ug/Kg	
99-87-6	4-Isopropyltoluene	B2372-9710	0.88	7.54	ug/Kg	
100-41-4	Ethylbenzene	B2372-9710	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2372-9710	0.82	0.82	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9710	0.80	28.0	ug/Kg	
104-51-8	n-Butylbenzene	B2372-9710	0.99	53.2	ug/Kg	
105-05-5	p-Diethylbenzene	B2372-9710	1.10	45.4	ug/Kg	
106-43-4	4-Chlorotoluene	B2372-9710	1.09	1.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9710	1.14	1.14	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9710	0.82	0.82	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9710	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9710	6.80	6.80	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9710	2.15	2.15	ug/Kg	U
108-38-3	m,p-xylene	B2372-9710	1.11	2.89	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9710	0.91	0.91	ug/Kg	U
108-86-1	Bromobenzene	B2372-9710	0.90	0.90	ug/Kg	U
108-88-3	Toluene	B2372-9710	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9710	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9710	3.76	3.76	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9710	1.11	1.11	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9710	0.80	0.80	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9710	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9710	0.92	33.5	ug/Kg	
142-28-9	1,3-Dichloropropane	B2372-9710	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9710	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9710	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9710	1.10	1.10	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9710	1.17	1.17	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Volatiles - EPA 8260B

**Sample: 0706161-10**

Client Sample ID: TP11 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9710	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9710	1.93	1.93	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9710	1.02	<b>5.74</b>	ug/Kg	
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9710	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2372-9710	2.33	2.33	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9710	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9710	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9710	0.54	0.54	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	B2372-9710	107.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9710	99.9 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9710	102.0 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9710	96.8 %	( 87 - 113)	
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9739	102.0 %	( 68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9739	99.1 %	( 80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9739	100.0 %	( 68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9739	96.8 %	( 87 - 113)	



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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-1**

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-479	10.0	10.0	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-479	15.4	15.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-479	15.1	15.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-479	9.09	9.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-479	10.3	10.3	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-479	23.2	23.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-479	9.85	9.85	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-479	5.61	5.61	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-479	7.69	7.69	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-479	12.2	12.2	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-479	39.8	39.8	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-479	5.72	5.72	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-479	9.81	9.81	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-479	12.5	12.5	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-479	14.2	14.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-479	8.37	8.37	ug/Kg	U
95-48-7	2-Methylphenol	B2199-479	13.3	13.3	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-479	11.9	11.9	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-479	8.83	8.83	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-479	12.3	12.3	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-479	19.5	19.5	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-479	13.5	13.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-479	122	122	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-479	12.4	12.4	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-479	16.7	16.7	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-479	16.8	16.8	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-479	11.4	11.4	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-479	7.27	7.27	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-479	168	168	ug/Kg	U
83-32-9	Acenaphthene	B2199-479	13.8	13.8	ug/Kg	U
208-96-8	Acenaphthylene	B2199-479	13.5	13.5	ug/Kg	U
62-53-3	Aniline	B2199-479	13.4	13.4	ug/Kg	U
120-12-7	Anthracene	B2199-479	14.7	14.7	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

### Sample: 0706161-1

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-479	224	224	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-479	14.8	14.8	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2199-479	13.0	13.0	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2199-479	16.1	16.1	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2199-479	12.7	12.7	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2199-479	15.2	15.2	ug/Kg	U
65-85-0	Benzoic acid	B2199-479	830	830	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-479	12.0	12.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-479	8.22	8.22	ug/Kg	U
86-74-8	Carbazole	B2199-479	24.5	24.5	ug/Kg	U
218-01-9	Chrysene	B2199-479	16.6	16.6	ug/Kg	U
	Cresols	B2199-479	25.6	25.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-479	9.43	9.43	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2199-479	14.7	14.7	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-479	12.2	12.2	ug/Kg	U
132-64-9	Dibenzofuran	B2199-479	13.7	13.7	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-479	9.55	12.9	ug/Kg	BJ
131-11-3	Dimethyl phthalate	B2199-479	7.12	7.12	ug/Kg	U
206-44-0	Fluoranthene	B2199-479	13.0	13.0	ug/Kg	U
86-73-7	Fluorene	B2199-479	11.7	11.7	ug/Kg	U
118-74-1	Hexachlorobenzene	B2199-479	10.2	10.2	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-479	9.32	9.32	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-479	111	111	ug/Kg	U
67-72-1	Hexachloroethane	B2199-479	17.8	17.8	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-479	13.0	13.0	ug/Kg	U
78-59-1	Isophorone	B2199-479	11.0	11.0	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-479	10.3	10.3	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-479	18.6	18.6	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-479	12.7	12.7	ug/Kg	U
91-20-3	Naphthalene	B2199-479	11.8	11.8	ug/Kg	U
98-95-3	Nitrobenzene	B2199-479	9.55	9.55	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-479	184	184	ug/Kg	U
85-01-8	Phenanthrene	B2199-479	14.6	14.6	ug/Kg	U





# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-1**

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-479	181	181	ug/Kg	U
129-00-0	Pyrene	B2199-479	9.47	9.47	ug/Kg	U
110-86-1	Pyridine	B2199-479	116	116	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-479	13.0	13.0	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-479	12.2	12.2	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-479	11.2	11.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-479	22.2	22.2	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	B2199-479	71.9 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-479	61.1 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-479	59.1 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-479	56.9 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2199-479	64.0 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-479	66.7 %	( 18 - 137)	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-3**

Client Sample ID: TP9 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-480	15.1	15.1	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-480	23.4	23.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-480	22.8	22.8	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-480	13.8	13.8	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-480	15.7	15.7	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-480	35.2	35.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-480	14.9	14.9	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-480	8.49	8.49	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-480	11.6	11.6	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-480	18.5	18.5	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-480	60.2	60.2	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-480	8.66	8.66	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-480	14.9	14.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-480	18.9	18.9	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-480	21.5	21.5	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-480	12.7	19.7	ug/Kg	J
95-48-7	2-Methylphenol	B2199-480	20.2	20.2	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-480	18.0	18.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-480	13.4	13.4	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-480	18.7	18.7	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-480	29.6	29.6	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-480	20.5	20.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-480	185	185	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-480	18.8	18.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-480	25.2	25.2	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-480	25.5	25.5	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-480	17.3	17.3	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-480	11.0	11.0	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-480	254	254	ug/Kg	U
83-32-9	Acenaphthene	B2199-480	20.9	20.9	ug/Kg	U
208-96-8	Acenaphthylene	B2199-480	20.4	20.4	ug/Kg	U
62-53-3	Aniline	B2199-480	20.3	20.3	ug/Kg	U
120-12-7	Anthracene	B2199-480	22.3	22.3	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

### Sample: 0706161-3

Client Sample ID: TP9 (0-2)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-480	339	339	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-480	22.5	38.8	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2199-480	19.7	41.2	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2199-480	24.3	44.6	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2199-480	19.3	40.1	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	B2199-480	22.9	46.4	ug/Kg	J
65-85-0	Benzoic acid	B2199-480	1260	1260	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-480	18.2	18.2	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-480	12.4	12.4	ug/Kg	U
86-74-8	Carbazole	B2199-480	37.1	37.1	ug/Kg	U
218-01-9	Chrysene	B2199-480	25.1	65.9	ug/Kg	J
	Cresols	B2199-480	38.9	38.9	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-480	14.3	24.2	ug/Kg	J
117-84-0	Di-n-octyl phthalate	B2199-480	22.2	22.2	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-480	18.5	18.5	ug/Kg	U
132-64-9	Dibenzofuran	B2199-480	20.8	20.8	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-480	14.5	14.5	ug/Kg	U
131-11-3	Dimethyl phthalate	B2199-480	10.8	10.8	ug/Kg	U
206-44-0	Fluoranthene	B2199-480	19.7	76.7	ug/Kg	J
86-73-7	Fluorene	B2199-480	17.7	17.7	ug/Kg	U
118-74-1	Hexachlorobenzene	B2199-480	15.4	15.4	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-480	14.1	14.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-480	169	169	ug/Kg	U
67-72-1	Hexachloroethane	B2199-480	27.0	27.0	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-480	19.6	32.9	ug/Kg	J
78-59-1	Isophorone	B2199-480	16.7	16.7	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-480	15.7	15.7	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-480	28.2	28.2	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-480	19.3	19.3	ug/Kg	U
91-20-3	Naphthalene	B2199-480	17.8	17.8	ug/Kg	U
98-95-3	Nitrobenzene	B2199-480	14.5	14.5	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-480	279	279	ug/Kg	U
85-01-8	Phenanthrene	B2199-480	22.1	32.8	ug/Kg	J



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-3**

Client Sample ID: TP9 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-480	275	275	ug/Kg	U
129-00-0	Pyrene	B2199-480	14.3	71.7	ug/Kg	J
110-86-1	Pyridine	B2199-480	176	176	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-480	19.6	19.6	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-480	18.5	18.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-480	16.9	16.9	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-480	33.7	275	ug/Kg	BJ

\* 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	B2199-480	67.6 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-480	62.1 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-480	58.3 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-480	59.7 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2199-480	63.9 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-480	65.0 %	( 18 - 137)	



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
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05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-4**

Client Sample ID: TP9 (2-4)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-481	10.7	10.7	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-481	16.5	16.5	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-481	16.2	16.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-481	9.74	9.74	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-481	11.1	11.1	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-481	24.9	24.9	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-481	10.6	10.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-481	6.01	6.01	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-481	8.24	8.24	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-481	13.1	13.1	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-481	42.6	42.6	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-481	6.13	6.13	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-481	10.5	10.5	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-481	13.4	13.4	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-481	15.2	15.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-481	8.97	14.2	ug/Kg	J
95-48-7	2-Methylphenol	B2199-481	14.3	14.3	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-481	12.7	12.7	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-481	9.46	9.46	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-481	13.2	13.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-481	21.0	21.0	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-481	14.5	14.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-481	131	131	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-481	13.3	13.3	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-481	17.9	17.9	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-481	18.0	18.0	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-481	12.3	12.3	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-481	7.80	7.80	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-481	180	180	ug/Kg	U
83-32-9	Acenaphthene	B2199-481	14.8	14.8	ug/Kg	U
208-96-8	Acenaphthylene	B2199-481	14.5	14.5	ug/Kg	U
62-53-3	Aniline	B2199-481	14.3	14.3	ug/Kg	U
120-12-7	Anthracene	B2199-481	15.8	15.8	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

### Sample: 0706161-4

Client Sample ID: TP9 (2-4)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-481	240	240	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-481	15.9	15.9	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2199-481	13.9	13.9	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2199-481	17.2	17.2	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2199-481	13.6	13.6	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2199-481	16.2	16.2	ug/Kg	U
65-85-0	Benzoic acid	B2199-481	889	889	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-481	12.9	12.9	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-481	8.81	8.81	ug/Kg	U
86-74-8	Carbazole	B2199-481	26.2	26.2	ug/Kg	U
218-01-9	Chrysene	B2199-481	17.8	<b>20.2</b>	ug/Kg	J
	Cresols	B2199-481	27.5	27.5	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-481	10.1	10.1	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2199-481	15.7	15.7	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-481	13.1	13.1	ug/Kg	U
132-64-9	Dibenzofuran	B2199-481	14.7	14.7	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-481	10.2	10.2	ug/Kg	U
131-11-3	Dimethyl phthalate	B2199-481	7.63	7.63	ug/Kg	U
206-44-0	Fluoranthene	B2199-481	14.0	<b>35.2</b>	ug/Kg	J
86-73-7	Fluorene	B2199-481	12.5	<b>16.7</b>	ug/Kg	J
118-74-1	Hexachlorobenzene	B2199-481	10.9	10.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-481	9.99	9.99	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-481	119	119	ug/Kg	U
67-72-1	Hexachloroethane	B2199-481	19.1	19.1	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-481	13.9	13.9	ug/Kg	U
78-59-1	Isophorone	B2199-481	11.8	11.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-481	11.1	11.1	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-481	20.0	20.0	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-481	13.6	13.6	ug/Kg	U
91-20-3	Naphthalene	B2199-481	12.6	12.6	ug/Kg	U
98-95-3	Nitrobenzene	B2199-481	10.2	10.2	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-481	198	198	ug/Kg	U
85-01-8	Phenanthrene	B2199-481	15.7	<b>47.7</b>	ug/Kg	J



# Environmental Testing Laboratories, Inc.

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05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-4**

Client Sample ID: TP9 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/18/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-481	194	194	ug/Kg	U
129-00-0	Pyrene	B2199-481	10.2	49.6	ug/Kg	J
110-86-1	Pyridine	B2199-481	124	124	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-481	13.9	13.9	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-481	13.1	13.1	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-481	12.0	12.0	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-481	23.8	27.7	ug/Kg	BJ

\* 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	B2199-481	74.8 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-481	66.9 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-481	59.2 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-481	60.5 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2199-481	63.7 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-481	69.4 %	( 18 - 137)	



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05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-494	50.6	50.6	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-494	78.0	78.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-494	76.2	76.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-494	46.0	46.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-494	52.3	52.3	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-494	117	117	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-494	49.8	49.8	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-494	28.4	28.4	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-494	38.9	38.9	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-494	61.7	61.7	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-494	201	201	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-494	28.9	28.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-494	49.6	49.6	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-494	63.2	63.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-494	71.8	71.8	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-494	42.3	42.3	ug/Kg	U
95-48-7	2-Methylphenol	B2200-494	67.4	67.4	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-494	60.0	60.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-494	44.6	44.6	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-494	62.5	62.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-494	98.9	98.9	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-494	68.4	68.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-494	617	617	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-494	62.8	62.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-494	84.3	84.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-494	85.1	85.1	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-494	57.9	57.9	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-494	36.8	36.8	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-494	849	849	ug/Kg	U
83-32-9	Acenaphthene	B2200-494	69.7	1510	ug/Kg	
208-96-8	Acenaphthylene	B2200-494	68.2	68.2	ug/Kg	U
62-53-3	Aniline	B2200-494	67.6	67.6	ug/Kg	U
120-12-7	Anthracene	B2200-494	74.3	74.3	ug/Kg	U





# Environmental Testing Laboratories, Inc.

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

**05/22/2008**

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-494	1130	1130	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-494	75.1	<b>109</b>	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-494	65.7	<b>88.8</b>	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2200-494	81.2	<b>93.3</b>	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2200-494	64.4	64.4	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-494	76.6	<b>88.8</b>	ug/Kg	J
65-85-0	Benzoic acid	B2200-494	4200	4200	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-494	60.9	60.9	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-494	41.6	41.6	ug/Kg	U
86-74-8	Carbazole	B2200-494	124	124	ug/Kg	U
218-01-9	Chrysene	B2200-494	83.9	<b>143</b>	ug/Kg	J
	Cresols	B2200-494	156	156	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-494	47.7	47.7	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-494	74.1	74.1	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-494	61.7	61.7	ug/Kg	U
132-64-9	Dibenzofuran	B2200-494	69.3	69.3	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-494	48.3	48.3	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-494	36.0	36.0	ug/Kg	U
206-44-0	Fluoranthene	B2200-494	65.9	<b>381</b>	ug/Kg	J
86-73-7	Fluorene	B2200-494	59.0	<b>2440</b>	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-494	51.5	51.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-494	47.1	47.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-494	563	563	ug/Kg	U
67-72-1	Hexachloroethane	B2200-494	90.2	90.2	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-494	65.5	65.5	ug/Kg	U
78-59-1	Isophorone	B2200-494	55.7	55.7	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-494	52.3	52.3	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-494	94.3	94.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-494	64.4	64.4	ug/Kg	U
91-20-3	Naphthalene	B2200-494	59.6	59.6	ug/Kg	U
98-95-3	Nitrobenzene	B2200-494	48.3	48.3	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-494	933	933	ug/Kg	U
85-01-8	Phenanthrene	B2200-494	73.9	<b>5480</b>	ug/Kg	



# Environmental Testing Laboratories, Inc.

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05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-494	918	918	ug/Kg	U
129-00-0	Pyrene	B2200-494	47.9	434	ug/Kg	J
110-86-1	Pyridine	B2200-494	586	586	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-494	65.5	65.5	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-494	61.7	61.7	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-494	56.5	56.5	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-494	112	3070	ug/Kg	B

\* 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	B2200-494	38.7 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-494	50.1 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-494	47.0 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-494	49.0 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2200-494	49.8 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-494	48.4 %	( 18 - 137)	



# Environmental Testing Laboratories, Inc.

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05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-7**

Client Sample ID: TP10 (2-4)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-495	101	101	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-495	156	156	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-495	152	152	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-495	92.0	92.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-495	105	105	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-495	235	235	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-495	99.6	99.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-495	56.7	56.7	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-495	77.8	77.8	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-495	123	123	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-495	402	402	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-495	57.9	57.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-495	99.2	99.2	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-495	126	126	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-495	144	144	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-495	84.7	<b>12300</b>	ug/Kg	
95-48-7	2-Methylphenol	B2200-495	135	135	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-495	120	120	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-495	89.3	89.3	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-495	125	125	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-495	198	198	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-495	137	137	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-495	1230	1230	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-495	126	126	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-495	169	169	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-495	170	170	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-495	116	116	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-495	73.6	73.6	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-495	1700	1700	ug/Kg	U
83-32-9	Acenaphthene	B2200-495	139	<b>1300</b>	ug/Kg	J
208-96-8	Acenaphthylene	B2200-495	136	136	ug/Kg	U
62-53-3	Aniline	B2200-495	135	135	ug/Kg	U
120-12-7	Anthracene	B2200-495	149	149	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

### Sample: 0706161-7

Client Sample ID: TP10 (2-4)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-495	2260	2260	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-495	150	150	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-495	131	131	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-495	162	162	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-495	129	129	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-495	153	153	ug/Kg	U
65-85-0	Benzoic acid	B2200-495	8390	8390	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-495	122	122	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-495	83.1	83.1	ug/Kg	U
86-74-8	Carbazole	B2200-495	248	248	ug/Kg	U
218-01-9	Chrysene	B2200-495	168	168	ug/Kg	U
	Cresols	B2200-495	286	286	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-495	95.4	95.4	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-495	148	148	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-495	123	123	ug/Kg	U
132-64-9	Dibenzofuran	B2200-495	139	139	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-495	96.6	96.6	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-495	72.0	72.0	ug/Kg	U
206-44-0	Fluoranthene	B2200-495	132	247	ug/Kg	J
86-73-7	Fluorene	B2200-495	118	2290	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-495	103	103	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-495	94.3	94.3	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-495	1130	1130	ug/Kg	U
67-72-1	Hexachloroethane	B2200-495	180	180	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-495	131	131	ug/Kg	U
78-59-1	Isophorone	B2200-495	111	111	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-495	105	105	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-495	189	189	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-495	129	129	ug/Kg	U
91-20-3	Naphthalene	B2200-495	119	2300	ug/Kg	
98-95-3	Nitrobenzene	B2200-495	96.6	96.6	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-495	1870	1870	ug/Kg	U
85-01-8	Phenanthrene	B2200-495	148	4660	ug/Kg	



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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-7**

Client Sample ID: TP10 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-495	1840	1840	ug/Kg	U
129-00-0	Pyrene	B2200-495	95.8	321	ug/Kg	J
110-86-1	Pyridine	B2200-495	1170	1170	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-495	131	131	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-495	123	123	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-495	113	113	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-495	225	1490	ug/Kg	BJ

\* 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	B2200-495	34.7 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-495	46.6 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-495	43.6 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-495	45.4 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2200-495	48.5 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-495	47.9 %	( 18 - 137)	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

### Sample: 0706161-9

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-496	19.4	19.4	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-496	29.9	29.9	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-496	29.2	29.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-496	17.6	17.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-496	20.0	20.0	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-496	45.0	45.0	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-496	19.1	19.1	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-496	10.9	10.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-496	14.9	14.9	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-496	23.6	23.6	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-496	77.1	77.1	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-496	11.1	11.1	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-496	19.0	19.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-496	24.2	24.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-496	27.5	27.5	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-496	16.2	28.1	ug/Kg	J
95-48-7	2-Methylphenol	B2200-496	25.8	25.8	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-496	23.0	23.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-496	17.1	17.1	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-496	23.9	23.9	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-496	37.9	37.9	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-496	26.2	26.2	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-496	236	236	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-496	24.1	24.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-496	32.3	32.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-496	32.6	32.6	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-496	22.2	22.2	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-496	14.1	14.1	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-496	325	325	ug/Kg	U
83-32-9	Acenaphthene	B2200-496	26.7	26.7	ug/Kg	U
208-96-8	Acenaphthylene	B2200-496	26.1	26.1	ug/Kg	U
62-53-3	Aniline	B2200-496	25.9	25.9	ug/Kg	U
120-12-7	Anthracene	B2200-496	28.5	28.5	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-9**

Client Sample ID: TP11 (0-2)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-496	434	434	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-496	28.8	55.9	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-496	25.2	86.3	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2200-496	31.1	81.3	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2200-496	24.7	80.8	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	B2200-496	29.4	45.3	ug/Kg	J
65-85-0	Benzoic acid	B2200-496	1610	1610	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-496	23.3	23.3	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-496	15.9	15.9	ug/Kg	U
86-74-8	Carbazole	B2200-496	47.4	47.4	ug/Kg	U
218-01-9	Chrysene	B2200-496	32.2	75.2	ug/Kg	J
	Cresols	B2200-496	74.6	74.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-496	18.3	18.3	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-496	28.4	28.4	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-496	23.6	23.6	ug/Kg	U
132-64-9	Dibenzofuran	B2200-496	26.6	26.6	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-496	18.5	18.5	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-496	13.8	13.8	ug/Kg	U
206-44-0	Fluoranthene	B2200-496	25.3	106	ug/Kg	J
86-73-7	Fluorene	B2200-496	22.6	22.6	ug/Kg	U
118-74-1	Hexachlorobenzene	B2200-496	19.8	19.8	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-496	18.1	18.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-496	216	216	ug/Kg	U
67-72-1	Hexachloroethane	B2200-496	34.6	34.6	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-496	25.1	70.0	ug/Kg	J
78-59-1	Isophorone	B2200-496	21.4	21.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-496	20.0	20.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-496	36.1	36.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-496	24.7	24.7	ug/Kg	U
91-20-3	Naphthalene	B2200-496	22.8	22.8	ug/Kg	U
98-95-3	Nitrobenzene	B2200-496	18.5	18.5	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-496	358	358	ug/Kg	U
85-01-8	Phenanthrene	B2200-496	28.3	28.3	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-9**

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-496	352	352	ug/Kg	U
129-00-0	Pyrene	B2200-496	18.4	134	ug/Kg	J
110-86-1	Pyridine	B2200-496	225	225	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-496	25.1	25.1	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-496	23.6	23.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-496	21.7	21.7	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-496	43.1	44.0	ug/Kg	BJ

\* 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	B2200-496	55.8 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-496	59.6 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-496	58.0 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-496	54.5 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2200-496	63.1 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-496	61.6 %	( 18 - 137)	





# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

### Sample: 0706161-10

Client Sample ID: TP11 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-497	48.8	48.8	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-497	75.2	75.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-497	73.5	73.5	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-497	44.3	44.3	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-497	50.4	50.4	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-497	113	113	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-497	48.0	48.0	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-497	27.3	27.3	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-497	37.5	37.5	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-497	59.5	59.5	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-497	194	194	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-497	27.9	27.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-497	47.9	47.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-497	61.0	61.0	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-497	69.3	69.3	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-497	40.8	7360	ug/Kg	
95-48-7	2-Methylphenol	B2200-497	65.0	65.0	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-497	57.8	57.8	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-497	43.1	43.1	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-497	60.2	60.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-497	95.3	95.3	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-497	66.0	66.0	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-497	595	595	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-497	60.6	60.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-497	81.3	81.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-497	82.0	82.0	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-497	55.8	55.8	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-497	35.5	35.5	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-497	819	819	ug/Kg	U
83-32-9	Acenaphthene	B2200-497	67.3	1570	ug/Kg	
208-96-8	Acenaphthylene	B2200-497	65.8	65.8	ug/Kg	U
62-53-3	Aniline	B2200-497	65.2	65.2	ug/Kg	U
120-12-7	Anthracene	B2200-497	71.7	71.7	ug/Kg	U



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-10**

Client Sample ID: TP11 (2-4)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-497	1090	1090	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-497	72.4	<b>74.7</b>	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-497	63.4	63.4	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-497	78.3	78.3	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-497	62.1	62.1	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-497	73.9	73.9	ug/Kg	U
65-85-0	Benzoic acid	B2200-497	4050	4050	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-497	58.8	58.8	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-497	40.1	40.1	ug/Kg	U
86-74-8	Carbazole	B2200-497	119	119	ug/Kg	U
218-01-9	Chrysene	B2200-497	80.9	<b>153</b>	ug/Kg	J
	Cresols	B2200-497	150	150	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-497	46.0	46.0	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-497	71.5	71.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-497	59.5	59.5	ug/Kg	U
132-64-9	Dibenzofuran	B2200-497	66.9	66.9	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-497	46.6	46.6	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-497	34.7	34.7	ug/Kg	U
206-44-0	Fluoranthene	B2200-497	63.6	<b>441</b>	ug/Kg	J
86-73-7	Fluorene	B2200-497	56.9	<b>2560</b>	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-497	49.7	49.7	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-497	45.5	45.5	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-497	543	543	ug/Kg	U
67-72-1	Hexachloroethane	B2200-497	87.0	87.0	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-497	63.2	63.2	ug/Kg	U
78-59-1	Isophorone	B2200-497	53.8	53.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-497	50.4	50.4	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-497	90.9	90.9	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-497	62.1	62.1	ug/Kg	U
91-20-3	Naphthalene	B2200-497	57.5	<b>1750</b>	ug/Kg	
98-95-3	Nitrobenzene	B2200-497	46.6	46.6	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-497	900	900	ug/Kg	U
85-01-8	Phenanthrene	B2200-497	71.3	<b>5880</b>	ug/Kg	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## Semivolatile Compounds - EPA 8270C

**Sample: 0706161-10**

Client Sample ID: TP11 (2-4)

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 06/19/2007

Preparation Date(s) : 06/16/2007

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-497	885	885	ug/Kg	U
129-00-0	Pyrene	B2200-497	46.2	456	ug/Kg	J
110-86-1	Pyridine	B2200-497	565	565	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-497	63.2	63.2	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-497	59.5	59.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-497	54.5	54.5	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-497	108	108	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	B2200-497	50.0 %	( 19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-497	61.8 %	( 30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-497	57.3 %	( 25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-497	55.9 %	( 23 - 120)	
13127-88-3	PHENOL-D6	B2200-497	61.4 %	( 24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-497	59.0 %	( 18 - 137)	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## TPH - Method 8015B

### Sample: 0706161-1

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-19	13.6	13.6	mg/Kg	U

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-19	61.7 %	( 30 - 150)	

### Sample: 0706161-3

Client Sample ID: TP9 (0-2)

Matrix: Soil

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-20	20.7	20.7	mg/Kg	U

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-20	47.8 %	( 30 - 150)	



# Environmental Testing Laboratories, Inc.

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

05/22/2008

## TPH - Method 8015B

**Sample: 0706161-4**

Client Sample ID: TP9 (2-4)

Matrix: Soil

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-21	14.6	76.9	mg/Kg	

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-21	48.1 %	( 30 - 150)	

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-22	13.8	6710	mg/Kg	

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-22	49.2 %	( 30 - 150)	



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05/22/2008

## TPH - Method 8015B

**Sample: 0706161-7**

Client Sample ID: TP10 (2-4)

Matrix: Soil

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-23	13.8	45.6	mg/Kg	

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-23	50.0 %	( 30 - 150)	

**Sample: 0706161-9**

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-24	13.2	875	mg/Kg	

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-24	45.0 %	( 30 - 150)	



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05/22/2008

## TPH - Method 8015B

**Sample: 0706161-10**

Client Sample ID: TP11 (2-4)

Matrix: Soil

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

Remarks:

Analyzed Date: 06/15/2007

Preparation Date(s) : 06/14/2007

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-25	13.3	5690	mg/Kg	

\* Results are reported on a dry weight basis

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-25	59.3 %	( 30 - 150)	



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## Gasoline Range Organics - EPA 8015B

**Sample: 0706161-1**

Client Sample ID: TP8 (4-5)

Matrix: Soil

Remarks:

Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 14:50

% Solid: 88%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-72	0.49	4.97	mg/Kg	

\* Results are reported on a dry weight basis

**Sample: 0706161-3**

Client Sample ID: TP9 (0-2)

Matrix: Soil

Remarks:

Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 15:20

% Solid: 58.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-75	1.50	14.6	mg/Kg	

\* Results are reported on a dry weight basis

**Sample: 0706161-4**

Client Sample ID: TP9 (2-4)

Matrix: Soil

Remarks:

Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 15:25

% Solid: 82.1%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-76	0.53	7.61	mg/Kg	

\* Results are reported on a dry weight basis





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## Gasoline Range Organics - EPA 8015B

**Sample: 0706161-6**

Client Sample ID: TP10 (0-2)

Matrix: Soil

Remarks:

Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 08:10

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-77	2.00	461	mg/Kg	

\* Results are reported on a dry weight basis

**Sample: 0706161-7**

Client Sample ID: TP10 (2-4)

Matrix: Soil

Remarks:

Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 08:15

% Solid: 87%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-78	1.00	272	mg/Kg	

\* Results are reported on a dry weight basis

**Sample: 0706161-9**

Client Sample ID: TP11 (0-2)

Matrix: Soil

Remarks:

Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 11:10

% Solid: 90.8%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-79	0.48	24.0	mg/Kg	

\* Results are reported on a dry weight basis



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## Gasoline Range Organics - EPA 8015B

**Sample: 0706161-10**

Client Sample ID: TP11 (2-4)

Matrix: Soil

Remarks:

Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 11:15

% Solid: 90.2%

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-82	1.93	305	mg/Kg	

\* Results are reported on a dry weight basis



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05/22/2008

## Case Narrative

### EPA 8260 VOLATILE ANALYSIS:

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

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

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

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

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

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

Sample 0706161-7 was analyzed at a 1:5 dilution with results inconclusive due to very high concentrations of target and non-target compounds present in the sample interfering with quantitation. This sample was re-analyzed at a medium level soil dilution of 1:125 with results indicating good chromatography. The target compound 1,2,4-Trimethylbenzene was present at a concentration slightly higher than the upper calibration limit. This compound was given an E-flag qualifier in the report.

### EPA 8270 SEMI-VOLATILE ANALYSIS:

Bis(2-ethylhexyl)phthalate, which was found in the blank associated with these samples at 9.99ppb , is a common laboratory contaminant.

Samples 6,7,9,10: These samples were analyzed at the following dilutions respectively: 1:5, 1:10, 1:2 and 1:5 due to high concentrations of non-target hydrocarbon interference.



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05/22/2008

## Case Narrative

### GASOLINE RANGE ORGANICS

GC-SV

#### INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706161

#### HOLDING TIMES

Analytical holding time for this analysis was met.

#### CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

#### CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO check standard was analyzed: at the beginning and at the end of each analytical sequence at a concentration of 2000 ppb.

#### BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

#### MATRIX SPIKES

Sample 0706161-1 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. All spike recoveries were within QC limits.

%RPDs did not meet QC limits.



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## Case Narrative

### VOLATILES ANALYSIS GCMS-V

#### INTRODUCTION

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

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

#### HOLDING TIME INFORMATION

All analyses were performed within required holding times.

#### SAMPLE INFORMATION

Sample 0706161-7 was analyzed at a 1:5 dilution with results inconclusive due to very high concentrations of target and non-target compounds present in the sample interfering with quantitation. This sample was re-analyzed at a medium level soil dilution of 1:125 with results indicating good chromatography. The target compound 1,2,4-Trimethylbenzene was present at a concentration slightly higher than the upper calibration limit. This compound was given an E-flag qualifier in the report.

#### SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

#### MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

#### MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 0706161-1 was utilized for the MS/MSD analyses. All spike recoveries and all RPDs were within QC limits except for 1,1-Dichloroethylene.

#### METHOD BLANK

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

#### TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

#### CALIBRATION INFORMATION

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

g compounds were calibrated at 25, 50, 100,

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## Case Narrative

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.

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

Samples were quantitated using the initial calibration average response factor.

## INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.



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## Case Narrative

### SEMIVOLATILES ANALYSIS GCMS-SV

#### INTRODUCTION

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

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

#### HOLDING TIME INFORMATION

All analyses were performed within required holding times.

#### SAMPLE INFORMATION

Samples 6,7,9,10: These samples were analyzed at the following dilutions respectively: 1:5, 1:10, 1:2 and 1:5 due to high concentrations of non-target hydrocarbon interference.

#### SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

#### MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

#### MATRIX SPIKE/MATRIX SPIKE DUPLICATE

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

#### METHOD BLANK

(Bis(2-Ethylhexyl)phthalate and Diethylphthalate a common laboratory contaminants, were detected in method blank SBLK-31 at a concentration of 9.99 ppb and 154 ppb respectively..

#### TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

#### CALIBRATION INFORMATION

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

Results were quantitated using initial calibration average of response factors.

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



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## **Case Narrative**

### INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.





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05/22/2008

## Case Narrative

Method 8100 Modified

GC-SV

### INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706161

### HOLDING TIMES

The extraction and analytical holding times for this analysis were met.  
Samples were extracted using 3545 Method (pressurized liquid extraction).

### SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

### CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.

Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

### CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO check standard was analyzed: at the beginning and at the end of each analytical sequence at a concentration of 10000 ppm.

### BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

### MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.



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## **Case Narrative**

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



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## ORGANIC METHOD QUALIFIERS

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

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

## INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- 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:

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

## OTHER QUALIFIERS

ND - Not Detected

