RETURN TO UAO AR INDEX

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 09050010

PROJECT NAME: New Bedford Harbor Superfund Site, New Bedford, MA Site # 0143

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	Sample # ~~STATION LOCATION~~	NO. OF CONTAINERS	VOA - 40 mL glass vial (water) HCl to pH < 2, ice (4°C)	PCBs - 8 oz. amber glass sediment, ice (4°C)	VOA - 40 mL amber glass sediment, MeOH + ice (4°C)	% moisture for VOA - 40 mL glass vial sediment, ice (4°C)	40 mL (VOA) vial - MeOH; 4°C blank, ice		REMARKS
	5/5/09	1240		X	Trip01	2	2						VOA trip blank
	5/6/09	0915		X	BH-1	1		1					Boat House Loc
		0925			BH-2	1		1					" " " "
		0925			BH-2D	1		1					field duplicate (PCBs) for sample # BH-2
		0945			BH-3	1		1					Boat House Loc.
		1025			PDA-23	1		1					Pre-Design Area
		1035			PDA-10	1		1					" "
		1055			PDA-19	1		1					" "
		1110			PDA-21	1		1					" "
		1850			Blank 1	1					1		Methanol blank for VOA
		1305			16A-2	3		1	1	1			Loc. 16A : core, @ 2 ft.
		1305			16A-S	3		1	1	1			Loc. 16A : core, @ surface
		1335			J16-1.5	3		1	1	1			Loc. J16 : core @ 1.5 ft
		1335			J16-S	3		1	1	1			Loc. J16 : core, @ surface
	5/6/09	1400		X	13A-1.5	3		1	1	1			Loc. 13A : core, @ 1.5 ft.

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	5/7/09 1200				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) ESAT	Date / Time	Remarks	
			5/7/09 12:00		

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

2°C

1-17505

SDMS DocID 507946

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

(2)

CHAIN OF CUSTODY RECORD

PROJ. NO.: 09050010

PROJECT NAME: New Bedford Harbor Superfund Site, New Bedford, MA, Site # 0143

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	Sample # ~~STATION LOCATION~~	NO. OF CONTAINERS	PCBs - 8oz. amber glass, ice (4°C) sediment	VOA - 40 mL amber glass, MeOH + ice (4°C) sediment	% moisture (VOA) - 40 mL glass ice (4°C) sediment				REMARKS
	5/6/09	1400		X	13A-S	3	1	1	1				Loc. 13A: core, @ surface
		1430			10A-1.5	3	1	1	1				Loc. 10A: core, @ 1.5 ft.
		1430			10A-S	3	1	1	1				Loc. 10A: core, @ surface
		1500			7A-2	3	1	1	1				Loc. 7A: core, @ 2 ft.
		1500			7A-S	3	1	1	1				Loc. 7A: core, @ surface
		1530			J10-1	3	1	1	1				Loc. J10: core, @ 1 ft
		1530			J10-S	3	1	1	1				Loc. J10: core, @ surface
		1555			J6-2	3	1	1	1				Loc. J6: core, @ 2 ft.
		1555			J6-S	3	1	1	1				Loc. J6: core, @ surface
		1555			J6-SD	1	1						field duplicate (PCBs) for sample # J6-S
		1625			H6-1.5	3	1	1	1				Loc. H6: core, @ 1.5 ft.
		1625			H6-S	3	1	1	1				Loc. H6: core, @ surface
		1650			11A-1.5	3	1	1	1				Loc. 11A: core, @ 1.5 ft.
	5/6/09	1650		X	11A-S	3	1	1	1				Loc. 11A: core, @ surface

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	5/7/09 1200				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
			5/7/09 12:00		

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

20°C

1- 17526

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	16A-2	Lab Sample ID:	AA93758
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	52%
Dry Weight Extracted:	5.62 grams	Extract Dilution:	50
Wet Weight Extracted:	10.81 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	140	
71-55-6	1,1,1-Trichloroethane	ND	140	
79-34-5	1,1,2,2-Tetrachloroethane	ND	140	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	140	
79-00-5	1,1,2-Trichloroethane	ND	140	
75-35-4	1,1-Dichloroethylene	ND	140	
563-58-6	1,1-Dichloropropene	ND	140	
75-34-3	1,1-dichloroethane	ND	140	
87-61-6	1,2,3-Trichlorobenzene	ND	140	
96-18-4	1,2,3-Trichloropropane	ND	140	
120-82-1	1,2,4-Trichlorobenzene	ND	140	
95-63-6	1,2,4-Trimethylbenzene	ND	140	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	140	
106-93-4	1,2-Dibromoethane	ND	140	
95-50-1	1,2-Dichlorobenzene	ND	140	
107-06-2	1,2-Dichloroethane	ND	140	
78-87-5	1,2-Dichloropropane	ND	140	
108-67-8	1,3,5-Trimethylbenzene	ND	140	
541-73-1	1,3-Dichlorobenzene	ND	140	
142-28-9	1,3-Dichloropropane	ND	140	
106-46-7	1,4-Dichlorobenzene	ND	140	
594-20-7	2,2-Dichloropropane	ND	140	
78-93-3	2-Butanone (MEK)	ND	140	
95-49-8	2-Chlorotoluene	ND	140	
591-78-6	2-Hexanone	ND	140	
67-64-1	2-Propanone (acetone)	ND	140	
106-43-4	4-Chlorotoluene	ND	140	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	140	
107-13-1	Acrylonitrile	ND	140	
71-43-2	Benzene	ND	140	
108-86-1	Bromobenzene	ND	140	
74-97-5	Bromochloromethane	ND	140	
75-27-4	Bromodichloromethane	ND	140	
75-25-2	Bromoform	ND	140	
74-83-9	Bromomethane	ND	140	
75-15-0	Carbon Disulfide	ND	140	
56-23-5	Carbon tetrachloride	ND	140	
108-90-7	Chlorobenzene	ND	140	
75-00-3	Chloroethane	ND	140	

67-66-3	Chloroform	ND	140
74-87-3	Chloromethane	ND	140
124-48-1	Dibromochloromethane	ND	140
74-95-3	Dibromomethane	ND	140
75-71-8	Dichlorodifluoromethane	ND	140
60-29-7	Ethyl Ether	ND	140
100-41-4	Ethylbenzene	ND	140
87-68-3	Hexachlorobutadiene	ND	140
98-82-8	Isopropylbenzene	ND	140
108-38-3/106-42-3	M/P Xylene	ND	270
1634-04-4	Methyl-t-Butyl Ether	ND	140
75-09-2	Methylene Chloride	ND	140
104-51-8	N-Butylbenzene	ND	140
103-65-1	N-Propylbenzene	ND	140
91-20-3	Naphthalene	ND	140
95-47-6	Ortho Xylene	ND	140
99-87-6	Para-Isopropyltoluene	ND	140
135-98-8	Sec-Butylbenzene	ND	140
100-42-5	Styrene	ND	140
98-06-6	Tert-Butylbenzene	ND	140
127-18-4	Tetrachloroethylene	ND	140
109-99-9	Tetrahydrofuran	ND	140
108-88-3	Toluene	ND	140
156-60-5	Trans-1,2-Dichloroethylene	ND	140
79-01-6	Trichloroethylene	ND	140
75-69-4	Trichlorofluoromethane	ND	140
108-05-4	Vinyl Acetate	ND	140
75-01-4	Vinyl Chloride	ND	140
10061-01-5	c-1,3-dichloropropene	ND	140
156-59-2	cis-1,2-Dichloroethylene	ND	140
10061-02-6	t-1,3-Dichloropropene	ND	140

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	105	74 - 136
Toluene-D8	100	85 - 118

Comments:

16A-2 ND

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	16A-S	Lab Sample ID:	AA93759
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	33%
Dry Weight Extracted:	3.43 grams	Extract Dilution:	50
Wet Weight Extracted:	10.38 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	
71-55-6	1,1,1-Trichloroethane	ND	250	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	250	
79-00-5	1,1,2-Trichloroethane	ND	250	
75-35-4	1,1-Dichloroethylene	ND	250	
563-58-6	1,1-Dichloropropene	ND	250	
75-34-3	1,1-dichloroethane	ND	250	
87-61-6	1,2,3-Trichlorobenzene	ND	250	
96-18-4	1,2,3-Trichloropropane	ND	250	
120-82-1	1,2,4-Trichlorobenzene	ND	250	
95-63-6	1,2,4-Trimethylbenzene	ND	250	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	250	
106-93-4	1,2-Dibromoethane	ND	250	
95-50-1	1,2-Dichlorobenzene	ND	250	
107-06-2	1,2-Dichloroethane	ND	250	
78-87-5	1,2-Dichloropropane	ND	250	
108-67-8	1,3,5-Trimethylbenzene	ND	250	
541-73-1	1,3-Dichlorobenzene	ND	250	
142-28-9	1,3-Dichloropropane	ND	250	
106-46-7	1,4-Dichlorobenzene	**370**	250	
594-20-7	2,2-Dichloropropane	ND	250	
78-93-3	2-Butanone (MEK)	ND	250	
95-49-8	2-Chlorotoluene	ND	250	
591-78-6	2-Hexanone	ND	250	
67-64-1	2-Propanone (acetone)	ND	250	
106-43-4	4-Chlorotoluene	ND	250	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	250	
107-13-1	Acrylonitrile	ND	250	
71-43-2	Benzene	ND	250	
108-86-1	Bromobenzene	ND	250	
74-97-5	Bromochloromethane	ND	250	
75-27-4	Bromodichloromethane	ND	250	
75-25-2	Bromoform	ND	250	
74-83-9	Bromomethane	ND	250	
75-15-0	Carbon Disulfide	ND	250	
56-23-5	Carbon tetrachloride	ND	250	
108-90-7	Chlorobenzene	ND	250	
75-00-3	Chloroethane	ND	250	

67-66-3	Chloroform	ND	250
74-87-3	Chloromethane	ND	250
124-48-1	Dibromochloromethane	ND	250
74-95-3	Dibromomethane	ND	250
75-71-8	Dichlorodifluoromethane	ND	250
60-29-7	Ethyl Ether	ND	250
100-41-4	Ethylbenzene	ND	250
87-68-3	Hexachlorobutadiene	ND	250
98-82-8	Isopropylbenzene	ND	250
108-38-3/106-42-:	M/P Xylene	ND	490
1634-04-4	Methyl-t-Butyl Ether	ND	250
75-09-2	Methylene Chloride	ND	250
104-51-8	N-Butylbenzene	ND	250
103-65-1	N-Propylbenzene	ND	250
91-20-3	Naphthalene	ND	250
95-47-6	Ortho Xylene	ND	250
99-87-6	Para-Isopropyltoluene	ND	250
135-98-8	Sec-Butylbenzene	ND	250
100-42-5	Styrene	ND	250
98-06-6	Tert-Butylbenzene	ND	250
127-18-4	Tetrachloroethylene	ND	250
109-99-9	Tetrahydrofuran	ND	250
108-88-3	Toluene	ND	250
156-60-5	Trans-1,2-Dichloroethylene	ND	250
79-01-6	Trichloroethylene	ND	250
75-69-4	Trichlorofluoromethane	ND	250
108-05-4	Vinyl Acetate	ND	250
75-01-4	Vinyl Chloride	ND	250
10061-01-5	c-1,3-dichloropropene	ND	250
156-59-2	cis-1,2-Dichloroethylene	ND	250
10061-02-6	t-1,3-Dichloropropene	ND	250

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	95	78 - 111
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	100	85 - 118

Comments:

16A-S 370 ppb

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	J16-1.5	Lab Sample ID:	AA93760
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	35%
Dry Weight Extracted:	3.47 grams	Extract Dilution:	50
Wet Weight Extracted:	9.91 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	240	
71-55-6	1,1,1-Trichloroethane	ND	240	
79-34-5	1,1,2,2-Tetrachloroethane	ND	240	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	240	
79-00-5	1,1,2-Trichloroethane	ND	240	
75-35-4	1,1-Dichloroethylene	ND	240	
563-58-6	1,1-Dichloropropene	ND	240	
75-34-3	1,1-dichloroethane	ND	240	
87-61-6	1,2,3-Trichlorobenzene	ND	240	
96-18-4	1,2,3-Trichloropropane	ND	240	
120-82-1	1,2,4-Trichlorobenzene	ND	240	
95-63-6	1,2,4-Trimethylbenzene	ND	240	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	240	
106-93-4	1,2-Dibromoethane	ND	240	
95-50-1	1,2-Dichlorobenzene	ND	240	
107-06-2	1,2-Dichloroethane	ND	240	
78-87-5	1,2-Dichloropropane	ND	240	
108-67-8	1,3,5-Trimethylbenzene	ND	240	
541-73-1	1,3-Dichlorobenzene	ND	240	
142-28-9	1,3-Dichloropropane	ND	240	
106-46-7	1,4-Dichlorobenzene	ND	240	
594-20-7	2,2-Dichloropropane	ND	240	
78-93-3	2-Butanone (MEK)	ND	240	
95-49-8	2-Chlorotoluene	ND	240	
591-78-6	2-Hexanone	ND	240	
67-64-1	2-Propanone (acetone)	ND	240	
106-43-4	4-Chlorotoluene	ND	240	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	240	
107-13-1	Acrylonitrile	ND	240	
71-43-2	Benzene	ND	240	
108-86-1	Bromobenzene	ND	240	
74-97-5	Bromochloromethane	ND	240	
75-27-4	Bromodichloromethane	ND	240	
75-25-2	Bromoform	ND	240	
74-83-9	Bromomethane	ND	240	
75-15-0	Carbon Disulfide	ND	240	
56-23-5	Carbon tetrachloride	ND	240	
108-90-7	Chlorobenzene	ND	240	
75-00-3	Chloroethane	ND	240	

67-66-3	Chloroform	ND	240
74-87-3	Chloromethane	ND	240
124-48-1	Dibromochloromethane	ND	240
74-95-3	Dibromomethane	ND	240
75-71-8	Dichlorodifluoromethane	ND	240
60-29-7	Ethyl Ether	ND	240
100-41-4	Ethylbenzene	ND	240
87-68-3	Hexachlorobutadiene	ND	240
98-82-8	Isopropylbenzene	ND	240
108-38-3/106-42-	M/P Xylene	ND	470
1634-04-4	Methyl-t-Butyl Ether	ND	240
75-09-2	Methylene Chloride	ND	240
104-51-8	N-Butylbenzene	ND	240
103-65-1	N-Propylbenzene	ND	240
91-20-3	Naphthalene	ND	240
95-47-6	Ortho Xylene	ND	240
99-87-6	Para-Isopropyltoluene	ND	240
135-98-8	Sec-Butylbenzene	ND	240
100-42-5	Styrene	ND	240
98-06-6	Tert-Butylbenzene	ND	240
127-18-4	Tetrachloroethylene	ND	240
109-99-9	Tetrahydrofuran	ND	240
108-88-3	Toluene	ND	240
156-60-5	Trans-1,2-Dichloroethylene	ND	240
79-01-6	Trichloroethylene	ND	240
75-69-4	Trichlorofluoromethane	ND	240
108-05-4	Vinyl Acetate	ND	240
75-01-4	Vinyl Chloride	ND	240
10061-01-5	c-1,3-dichloropropene	ND	240
156-59-2	cis-1,2-Dichloroethylene	ND	240
10061-02-6	t-1,3-Dichloropropene	ND	240

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	96	78 - 111
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	100	85 - 118

Comments:

J16-1.5 ND

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	J16-S	Lab Sample ID:	AA93761
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	30%
Dry Weight Extracted:	2.97 grams	Extract Dilution:	50
Wet Weight Extracted:	9.91 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	290	
71-55-6	1,1,1-Trichloroethane	ND	290	
79-34-5	1,1,2,2-Tetrachloroethane	ND	290	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	290	
79-00-5	1,1,2-Trichloroethane	ND	290	
75-35-4	1,1-Dichloroethylene	ND	290	
563-58-6	1,1-Dichloropropene	ND	290	
75-34-3	1,1-dichloroethane	ND	290	
87-61-6	1,2,3-Trichlorobenzene	ND	290	
96-18-4	1,2,3-Trichloropropane	ND	290	
120-82-1	1,2,4-Trichlorobenzene	ND	290	
95-63-6	1,2,4-Trimethylbenzene	ND	290	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	290	
106-93-4	1,2-Dibromoethane	ND	290	
95-50-1	1,2-Dichlorobenzene	ND	290	
107-06-2	1,2-Dichloroethane	ND	290	
78-87-5	1,2-Dichloropropane	ND	290	
108-67-8	1,3,5-Trimethylbenzene	ND	290	
541-73-1	1,3-Dichlorobenzene	ND	290	
142-28-9	1,3-Dichloropropane	ND	290	
106-46-7	1,4-Dichlorobenzene	ND	290	
594-20-7	2,2-Dichloropropane	ND	290	
78-93-3	2-Butanone (MEK)	ND	290	
95-49-8	2-Chlorotoluene	ND	290	
591-78-6	2-Hexanone	ND	290	
67-64-1	2-Propanone (acetone)	ND	290	
106-43-4	4-Chlorotoluene	ND	290	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	290	
107-13-1	Acrylonitrile	ND	290	
71-43-2	Benzene	ND	290	
108-86-1	Bromobenzene	ND	290	
74-97-5	Bromochloromethane	ND	290	
75-27-4	Bromodichloromethane	ND	290	
75-25-2	Bromoform	ND	290	
74-83-9	Bromomethane	ND	290	
75-15-0	Carbon Disulfide	ND	290	
56-23-5	Carbon tetrachloride	ND	290	
108-90-7	Chlorobenzene	ND	290	
75-00-3	Chloroethane	ND	290	

67-66-3	Chloroform	ND	290
74-87-3	Chloromethane	ND	290
124-48-1	Dibromochloromethane	ND	290
74-95-3	Dibromomethane	ND	290
75-71-8	Dichlorodifluoromethane	ND	290
60-29-7	Ethyl Ether	ND	290
100-41-4	Ethylbenzene	ND	290
87-68-3	Hexachlorobutadiene	ND	290
98-82-8	Isopropylbenzene	ND	290
108-38-3/106-42-:	M/P Xylene	ND	570
1634-04-4	Methyl-t-Butyl Ether	ND	290
75-09-2	Methylene Chloride	ND	290
104-51-8	N-Butylbenzene	ND	290
103-65-1	N-Propylbenzene	ND	290
91-20-3	Naphthalene	ND	290
95-47-6	Ortho Xylene	ND	290
99-87-6	Para-Isopropyltoluene	ND	290
135-98-8	Sec-Butylbenzene	ND	290
100-42-5	Styrene	ND	290
98-06-6	Tert-Butylbenzene	ND	290
127-18-4	Tetrachloroethylene	ND	290
109-99-9	Tetrahydrofuran	ND	290
108-88-3	Toluene	ND	290
156-60-5	Trans-1,2-Dichloroethylene	ND	290
79-01-6	Trichloroethylene	ND	290
75-69-4	Trichlorofluoromethane	ND	290
108-05-4	Vinyl Acetate	ND	290
75-01-4	Vinyl Chloride	ND	290
10061-01-5	c-1,3-dichloropropene	ND	290
156-59-2	cis-1,2-Dichloroethylene	ND	290
10061-02-6	t-1,3-Dichloropropene	ND	290

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	99	85 - 118

Comments:

J16-S ND

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	13A-1.5	Lab Sample ID:	AA93762
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	50%
Dry Weight Extracted:	5.52 grams	Extract Dilution:	50
Wet Weight Extracted:	11.03 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	140	
71-55-6	1,1,1-Trichloroethane	ND	140	
79-34-5	1,1,2,2-Tetrachloroethane	ND	140	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	140	
79-00-5	1,1,2-Trichloroethane	ND	140	
75-35-4	1,1-Dichloroethylene	ND	140	
563-58-6	1,1-Dichloropropene	ND	140	
75-34-3	1,1-dichloroethane	ND	140	
87-61-6	1,2,3-Trichlorobenzene	ND	140	
96-18-4	1,2,3-Trichloropropane	ND	140	
120-82-1	1,2,4-Trichlorobenzene	ND	140	
95-63-6	1,2,4-Trimethylbenzene	ND	140	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	140	
106-93-4	1,2-Dibromoethane	ND	140	
95-50-1	1,2-Dichlorobenzene	ND	140	
107-06-2	1,2-Dichloroethane	ND	140	
78-87-5	1,2-Dichloropropane	ND	140	
108-67-8	1,3,5-Trimethylbenzene	ND	140	
541-73-1	1,3-Dichlorobenzene	ND	140	
142-28-9	1,3-Dichloropropane	ND	140	
106-46-7	1,4-Dichlorobenzene	ND	140	
594-20-7	2,2-Dichloropropane	ND	140	
78-93-3	2-Butanone (MEK)	ND	140	
95-49-8	2-Chlorotoluene	ND	140	
591-78-6	2-Hexanone	ND	140	
67-64-1	2-Propanone (acetone)	ND	140	
106-43-4	4-Chlorotoluene	ND	140	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	140	
107-13-1	Acrylonitrile	ND	140	
71-43-2	Benzene	ND	140	
108-86-1	Bromobenzene	ND	140	
74-97-5	Bromochloromethane	ND	140	
75-27-4	Bromodichloromethane	ND	140	
75-25-2	Bromoform	ND	140	
74-83-9	Bromomethane	ND	140	
75-15-0	Carbon Disulfide	ND	140	
56-23-5	Carbon tetrachloride	ND	140	
108-90-7	Chlorobenzene	ND	140	
75-00-3	Chloroethane	ND	140	

67-66-3	Chloroform	ND	140
74-87-3	Chloromethane	ND	140
124-48-1	Dibromochloromethane	ND	140
74-95-3	Dibromomethane	ND	140
75-71-8	Dichlorodifluoromethane	ND	140
60-29-7	Ethyl Ether	ND	140
100-41-4	Ethylbenzene	ND	140
87-68-3	Hexachlorobutadiene	ND	140
98-82-8	Isopropylbenzene	ND	140
108-38-3/106-42-3	M/P Xylene	ND	280
1634-04-4	Methyl-t-Butyl Ether	ND	140
75-09-2	Methylene Chloride	ND	140
104-51-8	N-Butylbenzene	ND	140
103-65-1	N-Propylbenzene	ND	140
91-20-3	Naphthalene	ND	140
95-47-6	Ortho Xylene	ND	140
99-87-6	Para-Isopropyltoluene	ND	140
135-98-8	Sec-Butylbenzene	ND	140
100-42-5	Styrene	ND	140
98-06-6	Tert-Butylbenzene	ND	140
127-18-4	Tetrachloroethylene	ND	140
109-99-9	Tetrahydrofuran	ND	140
108-88-3	Toluene	ND	140
156-60-5	Trans-1,2-Dichloroethylene	**160**	140
79-01-6	Trichloroethylene	ND	140
75-69-4	Trichlorofluoromethane	ND	140
108-05-4	Vinyl Acetate	ND	140
75-01-4	Vinyl Chloride	**9000**	140
10061-01-5	c-1,3-dichloropropene	ND	140
156-59-2	cis-1,2-Dichloroethylene	**14000**	1400
10061-02-6	t-1,3-Dichloropropene	ND	140

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	98	78 - 111
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	100	85 - 118

Comments: The result for cis-1,2-dichloroethylene was derived from a five-hundred fold dilution.

13A - 1.5 23.16 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	13A-S	Lab Sample ID:	AA93763
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	31%
Dry Weight Extracted:	2.69 grams	Extract Dilution:	50
Wet Weight Extracted:	8.68 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	300	
71-55-6	1,1,1-Trichloroethane	ND	300	
79-34-5	1,1,2,2-Tetrachloroethane	ND	300	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	300	
79-00-5	1,1,2-Trichloroethane	ND	300	
75-35-4	1,1-Dichloroethylene	ND	300	
563-58-6	1,1-Dichloropropene	ND	300	
75-34-3	1,1-dichloroethane	ND	300	
87-61-6	1,2,3-Trichlorobenzene	ND	300	
96-18-4	1,2,3-Trichloropropane	ND	300	
120-82-1	1,2,4-Trichlorobenzene	ND	300	
95-63-6	1,2,4-Trimethylbenzene	ND	300	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	300	
106-93-4	1,2-Dibromoethane	ND	300	
95-50-1	1,2-Dichlorobenzene	ND	300	
107-06-2	1,2-Dichloroethane	ND	300	
78-87-5	1,2-Dichloropropane	ND	300	
108-67-8	1,3,5-Trimethylbenzene	ND	300	
541-73-1	1,3-Dichlorobenzene	**440**	300	
142-28-9	1,3-Dichloropropane	ND	300	
106-46-7	1,4-Dichlorobenzene	**1300**	300	
594-20-7	2,2-Dichloropropane	ND	300	
78-93-3	2-Butanone (MEK)	ND	300	
95-49-8	2-Chlorotoluene	ND	300	
591-78-6	2-Hexanone	ND	300	
67-64-1	2-Propanone (acetone)	ND	300	
106-43-4	4-Chlorotoluene	ND	300	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	300	
107-13-1	Acrylonitrile	ND	300	
71-43-2	Benzene	ND	300	
108-86-1	Bromobenzene	ND	300	
74-97-5	Bromochloromethane	ND	300	
75-27-4	Bromodichloromethane	ND	300	
75-25-2	Bromoform	ND	300	
74-83-9	Bromomethane	ND	300	
75-15-0	Carbon Disulfide	ND	300	
56-23-5	Carbon tetrachloride	ND	300	
108-90-7	Chlorobenzene	ND	300	
75-00-3	Chloroethane	ND	300	

67-66-3	Chloroform	ND	300
74-87-3	Chloromethane	ND	300
124-48-1	Dibromochloromethane	ND	300
74-95-3	Dibromomethane	ND	300
75-71-8	Dichlorodifluoromethane	ND	300
60-29-7	Ethyl Ether	ND	300
100-41-4	Ethylbenzene	ND	300
87-68-3	Hexachlorobutadiene	ND	300
98-82-8	Isopropylbenzene	ND	300
108-38-3/106-42-:	M/P Xylene	ND	590
1634-04-4	Methyl-t-Butyl Ether	ND	300
75-09-2	Methylene Chloride	ND	300
104-51-8	N-Butylbenzene	ND	300
103-65-1	N-Propylbenzene	ND	300
91-20-3	Naphthalene	ND	300
95-47-6	Ortho Xylene	ND	300
99-87-6	Para-Isopropyltoluene	ND	300
135-98-8	Sec-Butylbenzene	ND	300
100-42-5	Styrene	ND	300
98-06-6	Tert-Butylbenzene	ND	300
127-18-4	Tetrachloroethylene	ND	300
109-99-9	Tetrahydrofuran	ND	300
108-88-3	Toluene	ND	300
156-60-5	Trans-1,2-Dichloroethylene	ND	300
79-01-6	Trichloroethylene	ND	300
75-69-4	Trichlorofluoromethane	ND	300
108-05-4	Vinyl Acetate	ND	300
75-01-4	Vinyl Chloride	ND	300
10061-01-5	c-1,3-dichloropropene	ND	300
156-59-2	cis-1,2-Dichloroethylene	ND	300
10061-02-6	t-1,3-Dichloropropene	ND	300

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	105	74 - 136
Toluene-D8	101	85 - 118

Comments:

13A-S 1.74 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	10A-1.5	Lab Sample ID:	AA93764
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	62%
Dry Weight Extracted:	7.37 grams	Extract Dilution:	50
Wet Weight Extracted:	11.89 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	98	
71-55-6	1,1,1-Trichloroethane	ND	98	
79-34-5	1,1,2,2-Tetrachloroethane	ND	98	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	98	
79-00-5	1,1,2-Trichloroethane	ND	98	
75-35-4	1,1-Dichloroethylene	ND	98	
563-58-6	1,1-Dichloropropene	ND	98	
75-34-3	1,1-dichloroethane	ND	98	
87-61-6	1,2,3-Trichlorobenzene	ND	98	
96-18-4	1,2,3-Trichloropropane	ND	98	
120-82-1	1,2,4-Trichlorobenzene	ND	98	
95-63-6	1,2,4-Trimethylbenzene	ND	98	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	98	
106-93-4	1,2-Dibromoethane	ND	98	
95-50-1	1,2-Dichlorobenzene	ND	98	
107-06-2	1,2-Dichloroethane	ND	98	
78-87-5	1,2-Dichloropropane	ND	98	
108-67-8	1,3,5-Trimethylbenzene	ND	98	
541-73-1	1,3-Dichlorobenzene	ND	98	
142-28-9	1,3-Dichloropropane	ND	98	
106-46-7	1,4-Dichlorobenzene	ND	98	
594-20-7	2,2-Dichloropropane	ND	98	
78-93-3	2-Butanone (MEK)	ND	98	
95-49-8	2-Chlorotoluene	ND	98	
591-78-6	2-Hexanone	ND	98	
67-64-1	2-Propanone (acetone)	ND	98	
106-43-4	4-Chlorotoluene	ND	98	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	98	
107-13-1	Acrylonitrile	ND	98	
71-43-2	Benzene	ND	98	
108-86-1	Bromobenzene	ND	98	
74-97-5	Bromochloromethane	ND	98	
75-27-4	Bromodichloromethane	ND	98	
75-25-2	Bromoform	ND	98	
74-83-9	Bromomethane	ND	98	
75-15-0	Carbon Disulfide	ND	98	
56-23-5	Carbon tetrachloride	ND	98	
108-90-7	Chlorobenzene	ND	98	
75-00-3	Chloroethane	ND	98	

67-66-3	Chloroform	ND	98
74-87-3	Chloromethane	ND	98
124-48-1	Dibromochloromethane	ND	98
74-95-3	Dibromomethane	ND	98
75-71-8	Dichlorodifluoromethane	ND	98
60-29-7	Ethyl Ether	ND	98
100-41-4	Ethylbenzene	ND	98
87-68-3	Hexachlorobutadiene	ND	98
98-82-8	Isopropylbenzene	ND	98
108-38-3/106-42-	M/P Xylene	ND	200
1634-04-4	Methyl-t-Butyl Ether	ND	98
75-09-2	Methylene Chloride	ND	98
104-51-8	N-Butylbenzene	ND	98
103-65-1	N-Propylbenzene	ND	98
91-20-3	Naphthalene	ND	98
95-47-6	Ortho Xylene	ND	98
99-87-6	Para-Isopropyltoluene	ND	98
135-98-8	Sec-Butylbenzene	ND	98
100-42-5	Styrene	ND	98
98-06-6	Tert-Butylbenzene	ND	98
127-18-4	Tetrachloroethylene	ND	98
109-99-9	Tetrahydrofuran	ND	98
108-88-3	Toluene	ND	98
156-60-5	Trans-1,2-Dichloroethylene	ND	98
79-01-6	Trichloroethylene	ND	98
75-69-4	Trichlorofluoromethane	ND	98
108-05-4	Vinyl Acetate	ND	98
75-01-4	Vinyl Chloride	**580**	98
10061-01-5	c-1,3-dichloropropene	ND	98
156-59-2	cis-1,2-Dichloroethylene	**2600**	98
10061-02-6	t-1,3-Dichloropropene	ND	98

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	98	78 - 111
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	101	85 - 118

Comments:

10A-1.5 3.18ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	10A-S	Lab Sample ID:	AA93765
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	34%
Dry Weight Extracted:	3.34 grams	Extract Dilution:	50
Wet Weight Extracted:	9.82 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	
71-55-6	1,1,1-Trichloroethane	ND	250	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	250	
79-00-5	1,1,2-Trichloroethane	ND	250	
75-35-4	1,1-Dichloroethylene	ND	250	
563-58-6	1,1-Dichloropropene	ND	250	
75-34-3	1,1-dichloroethane	ND	250	
87-61-6	1,2,3-Trichlorobenzene	ND	250	
96-18-4	1,2,3-Trichloropropane	ND	250	
120-82-1	1,2,4-Trichlorobenzene	ND	250	
95-63-6	1,2,4-Trimethylbenzene	ND	250	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	250	
106-93-4	1,2-Dibromoethane	ND	250	
95-50-1	1,2-Dichlorobenzene	ND	250	
107-06-2	1,2-Dichloroethane	ND	250	
78-87-5	1,2-Dichloropropane	ND	250	
108-67-8	1,3,5-Trimethylbenzene	ND	250	
541-73-1	1,3-Dichlorobenzene	ND	250	
142-28-9	1,3-Dichloropropane	ND	250	
106-46-7	1,4-Dichlorobenzene	ND	250	
594-20-7	2,2-Dichloropropane	ND	250	
78-93-3	2-Butanone (MEK)	ND	250	
95-49-8	2-Chlorotoluene	ND	250	
591-78-6	2-Hexanone	ND	250	
67-64-1	2-Propanone (acetone)	ND	250	
106-43-4	4-Chlorotoluene	ND	250	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	250	
107-13-1	Acrylonitrile	ND	250	
71-43-2	Benzene	ND	250	
108-86-1	Bromobenzene	ND	250	
74-97-5	Bromochloromethane	ND	250	
75-27-4	Bromodichloromethane	ND	250	
75-25-2	Bromoform	ND	250	
74-83-9	Bromomethane	ND	250	
75-15-0	Carbon Disulfide	ND	250	
56-23-5	Carbon tetrachloride	ND	250	
108-90-7	Chlorobenzene	ND	250	
75-00-3	Chloroethane	ND	250	

67-66-3	Chloroform	ND	250
74-87-3	Chloromethane	ND	250
124-48-1	Dibromochloromethane	ND	250
74-95-3	Dibromomethane	ND	250
75-71-8	Dichlorodifluoromethane	ND	250
60-29-7	Ethyl Ether	ND	250
100-41-4	Ethylbenzene	ND	250
87-68-3	Hexachlorobutadiene	ND	250
98-82-8	Isopropylbenzene	ND	250
108-38-3/106-42-3	M/P Xylene	ND	490
1634-04-4	Methyl-t-Butyl Ether	ND	250
75-09-2	Methylene Chloride	ND	250
104-51-8	N-Butylbenzene	ND	250
103-65-1	N-Propylbenzene	ND	250
91-20-3	Naphthalene	ND	250
95-47-6	Ortho Xylene	ND	250
99-87-6	Para-Isopropyltoluene	ND	250
135-98-8	Sec-Butylbenzene	ND	250
100-42-5	Styrene	ND	250
98-06-6	Tert-Butylbenzene	ND	250
127-18-4	Tetrachloroethylene	ND	250
109-99-9	Tetrahydrofuran	ND	250
108-88-3	Toluene	ND	250
156-60-5	Trans-1,2-Dichloroethylene	ND	250
79-01-6	Trichloroethylene	ND	250
75-69-4	Trichlorofluoromethane	ND	250
108-05-4	Vinyl Acetate	ND	250
75-01-4	Vinyl Chloride	ND	250
10061-01-5	c-1,3-dichloropropene	ND	250
156-59-2	cis-1,2-Dichloroethylene	ND	250
10061-02-6	t-1,3-Dichloropropene	ND	250

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	96	78 - 111
1,2-Dichloroethane-D4	107	74 - 136
Toluene-D8	101	85 - 118

Comments:

10A-S ND

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	7A-2	Lab Sample ID:	AA93766
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/7/09	Volume Purged:	5 mL
Date of Analysis:	5/7/09	Percent Solids:	49%
Dry Weight Extracted:	5.48 grams	Extract Dilution:	5000
Wet Weight Extracted:	11.18 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	14000	
71-55-6	1,1,1-Trichloroethane	ND	14000	
79-34-5	1,1,2,2-Tetrachloroethane	ND	14000	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	14000	
79-00-5	1,1,2-Trichloroethane	ND	14000	
75-35-4	1,1-Dichloroethylene	ND	14000	
563-58-6	1,1-Dichloropropene	ND	14000	
75-34-3	1,1-dichloroethane	ND	14000	
87-61-6	1,2,3-Trichlorobenzene	ND	14000	
96-18-4	1,2,3-Trichloropropane	ND	14000	
120-82-1	1,2,4-Trichlorobenzene	ND	14000	
95-63-6	1,2,4-Trimethylbenzene	ND	14000	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	14000	
106-93-4	1,2-Dibromoethane	ND	14000	
95-50-1	1,2-Dichlorobenzene	ND	14000	
107-06-2	1,2-Dichloroethane	ND	14000	
78-87-5	1,2-Dichloropropane	ND	14000	
108-67-8	1,3,5-Trimethylbenzene	ND	14000	
541-73-1	1,3-Dichlorobenzene	ND	14000	
142-28-9	1,3-Dichloropropane	ND	14000	
106-46-7	1,4-Dichlorobenzene	ND	14000	
594-20-7	2,2-Dichloropropane	ND	14000	
78-93-3	2-Butanone (MEK)	ND	14000	
95-49-8	2-Chlorotoluene	ND	14000	
591-78-6	2-Hexanone	ND	14000	
67-64-1	2-Propanone (acetone)	ND	14000	
106-43-4	4-Chlorotoluene	ND	14000	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	14000	
107-13-1	Acrylonitrile	ND	14000	
71-43-2	Benzene	ND	14000	
108-86-1	Bromobenzene	ND	14000	
74-97-5	Bromochloromethane	ND	14000	
75-27-4	Bromodichloromethane	ND	14000	
75-25-2	Bromoform	ND	14000	
74-83-9	Bromomethane	ND	14000	
75-15-0	Carbon Disulfide	ND	14000	
56-23-5	Carbon tetrachloride	ND	14000	
108-90-7	Chlorobenzene	ND	14000	
75-00-3	Chloroethane	ND	14000	

67-66-3	Chloroform	ND	14000
74-87-3	Chloromethane	ND	14000
124-48-1	Dibromochloromethane	ND	14000
74-95-3	Dibromomethane	ND	14000
75-71-8	Dichlorodifluoromethane	ND	14000
60-29-7	Ethyl Ether	ND	14000
100-41-4	Ethylbenzene	ND	14000
87-68-3	Hexachlorobutadiene	ND	14000
98-82-8	Isopropylbenzene	ND	14000
108-38-3/106-42-3	M/P Xylene	ND	29000
1634-04-4	Methyl-t-Butyl Ether	ND	14000
75-09-2	Methylene Chloride	ND	14000
104-51-8	N-Butylbenzene	ND	14000
103-65-1	N-Propylbenzene	ND	14000
91-20-3	Naphthalene	ND	14000
95-47-6	Ortho Xylene	ND	14000
99-87-6	Para-Isopropyltoluene	ND	14000
135-98-8	Sec-Butylbenzene	ND	14000
100-42-5	Styrene	ND	14000
98-06-6	Tert-Butylbenzene	ND	14000
127-18-4	Tetrachloroethylene	ND	14000
109-99-9	Tetrahydrofuran	ND	14000
108-88-3	Toluene	ND	14000
156-60-5	Trans-1,2-Dichloroethylene	ND	14000
79-01-6	Trichloroethylene	ND	14000
75-69-4	Trichlorofluoromethane	ND	14000
108-05-4	Vinyl Acetate	ND	14000
75-01-4	Vinyl Chloride	**92000**	14000
10061-01-5	c-1,3-dichloropropene	ND	14000
156-59-2	cis-1,2-Dichloroethylene	**1300000**	56000
10061-02-6	t-1,3-Dichloropropene	ND	14000

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	110	74 - 136
Toluene-D8	100	85 - 118

Comments: The result for cis-1,2-dichloroethylene was derived from a twenty-thousand fold dilution.

7A-2 1,392 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	7A-S	Lab Sample ID:	AA93767
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	32%
Dry Weight Extracted:	2.82 grams	Extract Dilution:	50
Wet Weight Extracted:	8.80 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	280	
71-55-6	1,1,1-Trichloroethane	ND	280	
79-34-5	1,1,2,2-Tetrachloroethane	ND	280	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	280	
79-00-5	1,1,2-Trichloroethane	ND	280	
75-35-4	1,1-Dichloroethylene	ND	280	
563-58-6	1,1-Dichloropropene	ND	280	
75-34-3	1,1-dichloroethane	ND	280	
87-61-6	1,2,3-Trichlorobenzene	ND	280	
96-18-4	1,2,3-Trichloropropane	ND	280	
120-82-1	1,2,4-Trichlorobenzene	ND	280	
95-63-6	1,2,4-Trimethylbenzene	ND	280	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	280	
106-93-4	1,2-Dibromoethane	ND	280	
95-50-1	1,2-Dichlorobenzene	ND	280	
107-06-2	1,2-Dichloroethane	ND	280	
78-87-5	1,2-Dichloropropane	ND	280	
108-67-8	1,3,5-Trimethylbenzene	ND	280	
541-73-1	1,3-Dichlorobenzene	ND	280	
142-28-9	1,3-Dichloropropane	ND	280	
106-46-7	1,4-Dichlorobenzene	ND	280	
594-20-7	2,2-Dichloropropane	ND	280	
78-93-3	2-Butanone (MEK)	ND	280	
95-49-8	2-Chlorotoluene	ND	280	
591-78-6	2-Hexanone	ND	280	
67-64-1	2-Propanone (acetone)	ND	280	
106-43-4	4-Chlorotoluene	ND	280	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	280	
107-13-1	Acrylonitrile	ND	280	
71-43-2	Benzene	ND	280	
108-86-1	Bromobenzene	ND	280	
74-97-5	Bromochloromethane	ND	280	
75-27-4	Bromodichloromethane	ND	280	
75-25-2	Bromoform	ND	280	
74-83-9	Bromomethane	ND	280	
75-15-0	Carbon Disulfide	ND	280	
56-23-5	Carbon tetrachloride	ND	280	
108-90-7	Chlorobenzene	ND	280	
75-00-3	Chloroethane	ND	280	

67-66-3	Chloroform	ND	280
74-87-3	Chloromethane	ND	280
124-48-1	Dibromochloromethane	ND	280
74-95-3	Dibromomethane	ND	280
75-71-8	Dichlorodifluoromethane	ND	280
60-29-7	Ethyl Ether	ND	280
100-41-4	Ethylbenzene	ND	280
87-68-3	Hexachlorobutadiene	ND	280
98-82-8	Isopropylbenzene	ND	280
108-38-3/106-42-3	M/P Xylene	ND	570
1634-04-4	Methyl-t-Butyl Ether	ND	280
75-09-2	Methylene Chloride	ND	280
104-51-8	N-Butylbenzene	ND	280
103-65-1	N-Propylbenzene	ND	280
91-20-3	Naphthalene	ND	280
95-47-6	Ortho Xylene	ND	280
99-87-6	Para-Isopropyltoluene	ND	280
135-98-8	Sec-Butylbenzene	ND	280
100-42-5	Styrene	ND	280
98-06-6	Tert-Butylbenzene	ND	280
127-18-4	Tetrachloroethylene	ND	280
109-99-9	Tetrahydrofuran	ND	280
108-88-3	Toluene	ND	280
156-60-5	Trans-1,2-Dichloroethylene	ND	280
79-01-6	Trichloroethylene	ND	280
75-69-4	Trichlorofluoromethane	ND	280
108-05-4	Vinyl Acetate	ND	280
75-01-4	Vinyl Chloride	ND	280
10061-01-5	c-1,3-dichloropropene	ND	280
156-59-2	cis-1,2-Dichloroethylene	ND	280
10061-02-6	t-1,3-Dichloropropene	ND	280

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	109	74 - 136
Toluene-D8	102	85 - 118

Comments:

7A-S ND

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	J10-1	Lab Sample ID:	AA93768
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	15%
Dry Weight Extracted:	1.07 grams	Extract Dilution:	500000
Wet Weight Extracted:	7.13 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	750000	
71-55-6	1,1,1-Trichloroethane	ND	750000	
79-34-5	1,1,2,2-Tetrachloroethane	ND	750000	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	750000	
79-00-5	1,1,2-Trichloroethane	ND	750000	
75-35-4	1,1-Dichloroethylene	ND	750000	
563-58-6	1,1-Dichloropropene	ND	750000	
75-34-3	1,1-dichloroethane	ND	750000	
87-61-6	1,2,3-Trichlorobenzene	ND	750000	
96-18-4	1,2,3-Trichloropropane	ND	750000	
120-82-1	1,2,4-Trichlorobenzene	ND	750000	
95-63-6	1,2,4-Trimethylbenzene	ND	750000	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	750000	
106-93-4	1,2-Dibromoethane	ND	750000	
95-50-1	1,2-Dichlorobenzene	ND	750000	
107-06-2	1,2-Dichloroethane	ND	750000	
78-87-5	1,2-Dichloropropane	ND	750000	
108-67-8	1,3,5-Trimethylbenzene	ND	750000	
541-73-1	1,3-Dichlorobenzene	ND	750000	
142-28-9	1,3-Dichloropropane	ND	750000	
106-46-7	1,4-Dichlorobenzene	ND	750000	
594-20-7	2,2-Dichloropropane	ND	750000	
78-93-3	2-Butanone (MEK)	ND	750000	
95-49-8	2-Chlorotoluene	ND	750000	
591-78-6	2-Hexanone	ND	750000	
67-64-1	2-Propanone (acetone)	ND	750000	
106-43-4	4-Chlorotoluene	ND	750000	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	750000	
107-13-1	Acrylonitrile	ND	750000	
71-43-2	Benzene	ND	750000	
108-86-1	Bromobenzene	ND	750000	
74-97-5	Bromochloromethane	ND	750000	
75-27-4	Bromodichloromethane	ND	750000	
75-25-2	Bromoform	ND	750000	
74-83-9	Bromomethane	ND	750000	
75-15-0	Carbon Disulfide	ND	750000	
56-23-5	Carbon tetrachloride	ND	750000	
108-90-7	Chlorobenzene	ND	750000	
75-00-3	Chloroethane	ND	750000	

67-66-3	Chloroform	ND	750000
74-87-3	Chloromethane	ND	750000
124-48-1	Dibromochloromethane	ND	750000
74-95-3	Dibromomethane	ND	750000
75-71-8	Dichlorodifluoromethane	ND	750000
60-29-7	Ethyl Ether	ND	750000
100-41-4	Ethylbenzene	ND	750000
87-68-3	Hexachlorobutadiene	ND	750000
98-82-8	Isopropylbenzene	ND	750000
108-38-3/106-42-3	M/P Xylene	ND	1500000
1634-04-4	Methyl-t-Butyl Ether	ND	750000
75-09-2	Methylene Chloride	ND	750000
104-51-8	N-Butylbenzene	ND	750000
103-65-1	N-Propylbenzene	ND	750000
91-20-3	Naphthalene	ND	750000
95-47-6	Ortho Xylene	ND	750000
99-87-6	Para-Isopropyltoluene	ND	750000
135-98-8	Sec-Butylbenzene	ND	750000
100-42-5	Styrene	ND	750000
98-06-6	Tert-Butylbenzene	ND	750000
127-18-4	Tetrachloroethylene	ND	750000
109-99-9	Tetrahydrofuran	ND	750000
108-88-3	Toluene	ND	750000
156-60-5	Trans-1,2-Dichloroethylene	ND	750000
79-01-6	Trichloroethylene	**73000000**	3000000
75-69-4	Trichlorofluoromethane	ND	750000
108-05-4	Vinyl Acetate	ND	750000
75-01-4	Vinyl Chloride	ND	750000
10061-01-5	c-1,3-dichloropropene	ND	750000
156-59-2	cis-1,2-Dichloroethylene	**1520000**	750000
10061-02-6	t-1,3-Dichloropropene	ND	750000

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	96	78 - 111
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	101	85 - 118

Comments: The result for trichloroethylene was derived from a two-hundred thousand fold dilution.

J-10-1 74,520 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	J10-S	Lab Sample ID:	AA93769
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	25%
Dry Weight Extracted:	2.14 grams	Extract Dilution:	5000
Wet Weight Extracted:	8.57 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	38000	
71-55-6	1,1,1-Trichloroethane	ND	38000	
79-34-5	1,1,2,2-Tetrachloroethane	ND	38000	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	38000	
79-00-5	1,1,2-Trichloroethane	ND	38000	
75-35-4	1,1-Dichloroethylene	ND	38000	
563-58-6	1,1-Dichloropropene	ND	38000	
75-34-3	1,1-dichloroethane	ND	38000	
87-61-6	1,2,3-Trichlorobenzene	ND	38000	
96-18-4	1,2,3-Trichloropropane	ND	38000	
120-82-1	1,2,4-Trichlorobenzene	ND	38000	
95-63-6	1,2,4-Trimethylbenzene	ND	38000	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	38000	
106-93-4	1,2-Dibromoethane	ND	38000	
95-50-1	1,2-Dichlorobenzene	ND	38000	
107-06-2	1,2-Dichloroethane	ND	38000	
78-87-5	1,2-Dichloropropane	ND	38000	
108-67-8	1,3,5-Trimethylbenzene	ND	38000	
541-73-1	1,3-Dichlorobenzene	ND	38000	
142-28-9	1,3-Dichloropropane	ND	38000	
106-46-7	1,4-Dichlorobenzene	ND	38000	
594-20-7	2,2-Dichloropropane	ND	38000	
78-93-3	2-Butanone (MEK)	ND	38000	
95-49-8	2-Chlorotoluene	ND	38000	
591-78-6	2-Hexanone	ND	38000	
67-64-1	2-Propanone (acetone)	ND	38000	
106-43-4	4-Chlorotoluene	ND	38000	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	38000	
107-13-1	Acrylonitrile	ND	38000	
71-43-2	Benzene	ND	38000	
108-86-1	Bromobenzene	ND	38000	
74-97-5	Bromochloromethane	ND	38000	
75-27-4	Bromodichloromethane	ND	38000	
75-25-2	Bromoform	ND	38000	
74-83-9	Bromomethane	ND	38000	
75-15-0	Carbon Disulfide	ND	38000	
56-23-5	Carbon tetrachloride	ND	38000	
108-90-7	Chlorobenzene	ND	38000	
75-00-3	Chloroethane	ND	38000	

67-66-3	Chloroform	ND	38000
74-87-3	Chloromethane	ND	38000
124-48-1	Dibromochloromethane	ND	38000
74-95-3	Dibromomethane	ND	38000
75-71-8	Dichlorodifluoromethane	ND	38000
60-29-7	Ethyl Ether	ND	38000
100-41-4	Ethylbenzene	ND	38000
87-68-3	Hexachlorobutadiene	ND	38000
98-82-8	Isopropylbenzene	ND	38000
108-38-3/106-42-	M/P Xylene	ND	77000
1634-04-4	Methyl-t-Butyl Ether	ND	38000
75-09-2	Methylene Chloride	ND	38000
104-51-8	N-Butylbenzene	ND	38000
103-65-1	N-Propylbenzene	ND	38000
91-20-3	Naphthalene	ND	38000
95-47-6	Ortho Xylene	ND	38000
99-87-6	Para-Isopropyltoluene	ND	38000
135-98-8	Sec-Butylbenzene	ND	38000
100-42-5	Styrene	ND	38000
98-06-6	Tert-Butylbenzene	ND	38000
127-18-4	Tetrachloroethylene	ND	38000
109-99-9	Tetrahydrofuran	ND	38000
108-88-3	Toluene	ND	38000
156-60-5	Trans-1,2-Dichloroethylene	ND	38000
79-01-6	Trichloroethylene	ND	38000
75-69-4	Trichlorofluoromethane	ND	38000
108-05-4	Vinyl Acetate	ND	38000
75-01-4	Vinyl Chloride	**520000**	38000
10061-01-5	c-1,3-dichloropropene	ND	38000
156-59-2	cis-1,2-Dichloroethylene	**360000**	38000
10061-02-6	t-1,3-Dichloropropene	ND	38000

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	98	78 - 111
1,2-Dichloroethane-D4	110	74 - 136
Toluene-D8	102	85 - 118

Comments:

J 10-5 880 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	J6-2	Lab Sample ID:	AA93770
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	67%
Dry Weight Extracted:	8.15 grams	Extract Dilution:	4000
Wet Weight Extracted:	12.16 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	6900	
71-55-6	1,1,1-Trichloroethane	ND	6900	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6900	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	6900	
79-00-5	1,1,2-Trichloroethane	ND	6900	
75-35-4	1,1-Dichloroethylene	ND	6900	
563-58-6	1,1-Dichloropropene	ND	6900	
75-34-3	1,1-dichloroethane	ND	6900	
87-61-6	1,2,3-Trichlorobenzene	ND	6900	
96-18-4	1,2,3-Trichloropropane	ND	6900	
120-82-1	1,2,4-Trichlorobenzene	ND	6900	
95-63-6	1,2,4-Trimethylbenzene	ND	6900	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	6900	
106-93-4	1,2-Dibromoethane	ND	6900	
95-50-1	1,2-Dichlorobenzene	ND	6900	
107-06-2	1,2-Dichloroethane	ND	6900	
78-87-5	1,2-Dichloropropane	ND	6900	
108-67-8	1,3,5-Trimethylbenzene	ND	6900	
541-73-1	1,3-Dichlorobenzene	ND	6900	
142-28-9	1,3-Dichloropropane	ND	6900	
106-46-7	1,4-Dichlorobenzene	ND	6900	
594-20-7	2,2-Dichloropropane	ND	6900	
78-93-3	2-Butanone (MEK)	ND	6900	
95-49-8	2-Chlorotoluene	ND	6900	
591-78-6	2-Hexanone	ND	6900	
67-64-1	2-Propanone (acetone)	ND	6900	
106-43-4	4-Chlorotoluene	ND	6900	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	6900	
107-13-1	Acrylonitrile	ND	6900	
71-43-2	Benzene	ND	6900	
108-86-1	Bromobenzene	ND	6900	
74-97-5	Bromochloromethane	ND	6900	
75-27-4	Bromodichloromethane	ND	6900	
75-25-2	Bromoform	ND	6900	
74-83-9	Bromomethane	ND	6900	
75-15-0	Carbon Disulfide	ND	6900	
56-23-5	Carbon tetrachloride	ND	6900	
108-90-7	Chlorobenzene	ND	6900	
75-00-3	Chloroethane	ND	6900	

67-66-3	Chloroform	ND	6900
74-87-3	Chloromethane	ND	6900
124-48-1	Dibromochloromethane	ND	6900
74-95-3	Dibromomethane	ND	6900
75-71-8	Dichlorodifluoromethane	ND	6900
60-29-7	Ethyl Ether	ND	6900
100-41-4	Ethylbenzene	ND	6900
87-68-3	Hexachlorobutadiene	ND	6900
98-82-8	Isopropylbenzene	ND	6900
108-38-3/106-42-.	M/P Xylene	ND	14000
1634-04-4	Methyl-t-Butyl Ether	ND	6900
75-09-2	Methylene Chloride	ND	6900
104-51-8	N-Butylbenzene	ND	6900
103-65-1	N-Propylbenzene	ND	6900
91-20-3	Naphthalene	ND	6900
95-47-6	Ortho Xylene	ND	6900
99-87-6	Para-Isopropyltoluene	ND	6900
135-98-8	Sec-Butylbenzene	ND	6900
100-42-5	Styrene	ND	6900
98-06-6	Tert-Butylbenzene	ND	6900
127-18-4	Tetrachloroethylene	ND	6900
109-99-9	Tetrahydrofuran	ND	6900
108-88-3	Toluene	ND	6900
156-60-5	Trans-1,2-Dichloroethylene	ND	6900
79-01-6	Trichloroethylene	**74000**	6900
75-69-4	Trichlorofluoromethane	ND	6900
108-05-4	Vinyl Acetate	ND	6900
75-01-4	Vinyl Chloride	ND	6900
10061-01-5	c-1,3-dichloropropene	ND	6900
156-59-2	cis-1,2-Dichloroethylene	**89000**	6900
10061-02-6	t-1,3-Dichloropropene	ND	6900

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	100	85 - 118

Comments:

J6-2 163 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	J6-S	Lab Sample ID:	AA93771
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	25%
Dry Weight Extracted:	2.60 grams	Extract Dilution:	50
Wet Weight Extracted:	10.40 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	340	
71-55-6	1,1,1-Trichloroethane	ND	340	
79-34-5	1,1,2,2-Tetrachloroethane	ND	340	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	340	
79-00-5	1,1,2-Trichloroethane	ND	340	
75-35-4	1,1-Dichloroethylene	ND	340	
563-58-6	1,1-Dichloropropene	ND	340	
75-34-3	1,1-dichloroethane	ND	340	
87-61-6	1,2,3-Trichlorobenzene	ND	340	
96-18-4	1,2,3-Trichloropropane	ND	340	
120-82-1	1,2,4-Trichlorobenzene	ND	340	
95-63-6	1,2,4-Trimethylbenzene	ND	340	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	340	
106-93-4	1,2-Dibromoethane	ND	340	
95-50-1	1,2-Dichlorobenzene	ND	340	
107-06-2	1,2-Dichloroethane	ND	340	
78-87-5	1,2-Dichloropropane	ND	340	
108-67-8	1,3,5-Trimethylbenzene	ND	340	
541-73-1	1,3-Dichlorobenzene	ND	340	
142-28-9	1,3-Dichloropropane	ND	340	
106-46-7	1,4-Dichlorobenzene	ND	340	
594-20-7	2,2-Dichloropropane	ND	340	
78-93-3	2-Butanone (MEK)	ND	340	
95-49-8	2-Chlorotoluene	ND	340	
591-78-6	2-Hexanone	ND	340	
67-64-1	2-Propanone (acetone)	ND	340	
106-43-4	4-Chlorotoluene	ND	340	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	340	
107-13-1	Acrylonitrile	ND	340	
71-43-2	Benzene	ND	340	
108-86-1	Bromobenzene	ND	340	
74-97-5	Bromochloromethane	ND	340	
75-27-4	Bromodichloromethane	ND	340	
75-25-2	Bromoform	ND	340	
74-83-9	Bromomethane	ND	340	
75-15-0	Carbon Disulfide	ND	340	
56-23-5	Carbon tetrachloride	ND	340	
108-90-7	Chlorobenzene	ND	340	
75-00-3	Chloroethane	ND	340	

67-66-3	Chloroform	ND	340
74-87-3	Chloromethane	ND	340
124-48-1	Dibromochloromethane	ND	340
74-95-3	Dibromomethane	ND	340
75-71-8	Dichlorodifluoromethane	ND	340
60-29-7	Ethyl Ether	ND	340
100-41-4	Ethylbenzene	ND	340
87-68-3	Hexachlorobutadiene	ND	340
98-82-8	Isopropylbenzene	ND	340
108-38-3/106-42-	M/P Xylene	ND	680
1634-04-4	Methyl-t-Butyl Ether	ND	340
75-09-2	Methylene Chloride	ND	340
104-51-8	N-Butylbenzene	ND	340
103-65-1	N-Propylbenzene	ND	340
91-20-3	Naphthalene	ND	340
95-47-6	Ortho Xylene	ND	340
99-87-6	Para-Isopropyltoluene	ND	340
135-98-8	Sec-Butylbenzene	ND	340
100-42-5	Styrene	ND	340
98-06-6	Tert-Butylbenzene	ND	340
127-18-4	Tetrachloroethylene	ND	340
109-99-9	Tetrahydrofuran	**1200**	340
108-88-3	Toluene	ND	340
156-60-5	Trans-1,2-Dichloroethylene	ND	340
79-01-6	Trichloroethylene	ND	340
75-69-4	Trichlorofluoromethane	ND	340
108-05-4	Vinyl Acetate	ND	340
75-01-4	Vinyl Chloride	ND	340
10061-01-5	c-1,3-dichloropropene	ND	340
156-59-2	cis-1,2-Dichloroethylene	ND	340
10061-02-6	t-1,3-Dichloropropene	ND	340

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	98	78 - 111
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	100	85 - 118

Comments: J6-S 1.20 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	H6-1.5	Lab Sample ID:	AA93773
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	83%
Dry Weight Extracted:	9.77 grams	Extract Dilution:	50
Wet Weight Extracted:	11.78 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	61	
71-55-6	1,1,1-Trichloroethane	ND	61	
79-34-5	1,1,2,2-Tetrachloroethane	ND	61	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	61	
79-00-5	1,1,2-Trichloroethane	ND	61	
75-35-4	1,1-Dichloroethylene	ND	61	
563-58-6	1,1-Dichloropropene	ND	61	
75-34-3	1,1-dichloroethane	ND	61	
87-61-6	1,2,3-Trichlorobenzene	ND	61	
96-18-4	1,2,3-Trichloropropane	ND	61	
120-82-1	1,2,4-Trichlorobenzene	ND	61	
95-63-6	1,2,4-Trimethylbenzene	ND	61	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	61	
106-93-4	1,2-Dibromoethane	ND	61	
95-50-1	1,2-Dichlorobenzene	ND	61	
107-06-2	1,2-Dichloroethane	ND	61	
78-87-5	1,2-Dichloropropane	ND	61	
108-67-8	1,3,5-Trimethylbenzene	ND	61	
541-73-1	1,3-Dichlorobenzene	ND	61	
142-28-9	1,3-Dichloropropane	ND	61	
106-46-7	1,4-Dichlorobenzene	ND	61	
594-20-7	2,2-Dichloropropane	ND	61	
78-93-3	2-Butanone (MEK)	ND	61	
95-49-8	2-Chlorotoluene	ND	61	
591-78-6	2-Hexanone	ND	61	
67-64-1	2-Propanone (acetone)	ND	61	
106-43-4	4-Chlorotoluene	ND	61	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	61	
107-13-1	Acrylonitrile	ND	61	
71-43-2	Benzene	ND	61	
108-86-1	Bromobenzene	ND	61	
74-97-5	Bromochloromethane	ND	61	
75-27-4	Bromodichloromethane	ND	61	
75-25-2	Bromoform	ND	61	
74-83-9	Bromomethane	ND	61	
75-15-0	Carbon Disulfide	ND	61	
56-23-5	Carbon tetrachloride	ND	61	
108-90-7	Chlorobenzene	ND	61	
75-00-3	Chloroethane	ND	61	

67-66-3	Chloroform	ND	61
74-87-3	Chloromethane	ND	61
124-48-1	Dibromochloromethane	ND	61
74-95-3	Dibromomethane	ND	61
75-71-8	Dichlorodifluoromethane	ND	61
60-29-7	Ethyl Ether	ND	61
100-41-4	Ethylbenzene	ND	61
87-68-3	Hexachlorobutadiene	ND	61
98-82-8	Isopropylbenzene	ND	61
108-38-3/106-42-3	M/P Xylene	ND	120
1634-04-4	Methyl-t-Butyl Ether	ND	61
75-09-2	Methylene Chloride	ND	61
104-51-8	N-Butylbenzene	ND	61
103-65-1	N-Propylbenzene	ND	61
91-20-3	Naphthalene	ND	61
95-47-6	Ortho Xylene	ND	61
99-87-6	Para-Isopropyltoluene	ND	61
135-98-8	Sec-Butylbenzene	ND	61
100-42-5	Styrene	ND	61
98-06-6	Tert-Butylbenzene	ND	61
127-18-4	Tetrachloroethylene	ND	61
109-99-9	Tetrahydrofuran	**410**	61
108-88-3	Toluene	ND	61
156-60-5	Trans-1,2-Dichloroethylene	ND	61
79-01-6	Trichloroethylene	ND	61
75-69-4	Trichlorofluoromethane	ND	61
108-05-4	Vinyl Acetate	ND	61
75-01-4	Vinyl Chloride	ND	61
10061-01-5	c-1,3-dichloropropene	ND	61
156-59-2	cis-1,2-Dichloroethylene	**590**	61
10061-02-6	t-1,3-Dichloropropene	ND	61

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	110	74 - 136
Toluene-D8	101	85 - 118

Comments:

H6-1.5 1.0 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	H6-S	Lab Sample ID:	AA93774
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	28%
Dry Weight Extracted:	2.38 grams	Extract Dilution:	50
Wet Weight Extracted:	8.49 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	340	
71-55-6	1,1,1-Trichloroethane	ND	340	
79-34-5	1,1,2,2-Tetrachloroethane	ND	340	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	340	
79-00-5	1,1,2-Trichloroethane	ND	340	
75-35-4	1,1-Dichloroethylene	ND	340	
563-58-6	1,1-Dichloropropene	ND	340	
75-34-3	1,1-dichloroethane	ND	340	
87-61-6	1,2,3-Trichlorobenzene	ND	340	
96-18-4	1,2,3-Trichloropropane	ND	340	
120-82-1	1,2,4-Trichlorobenzene	ND	340	
95-63-6	1,2,4-Trimethylbenzene	ND	340	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	340	
106-93-4	1,2-Dibromoethane	ND	340	
95-50-1	1,2-Dichlorobenzene	ND	340	
107-06-2	1,2-Dichloroethane	ND	340	
78-87-5	1,2-Dichloropropane	ND	340	
108-67-8	1,3,5-Trimethylbenzene	ND	340	
541-73-1	1,3-Dichlorobenzene	ND	340	
142-28-9	1,3-Dichloropropane	ND	340	
106-46-7	1,4-Dichlorobenzene	ND	340	
594-20-7	2,2-Dichloropropane	ND	340	
78-93-3	2-Butanone (MEK)	ND	340	
95-49-8	2-Chlorotoluene	ND	340	
591-78-6	2-Hexanone	ND	340	
67-64-1	2-Propanone (acetone)	ND	340	
106-43-4	4-Chlorotoluene	ND	340	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	340	
107-13-1	Acrylonitrile	ND	340	
71-43-2	Benzene	ND	340	
108-86-1	Bromobenzene	ND	340	
74-97-5	Bromochloromethane	ND	340	
75-27-4	Bromodichloromethane	ND	340	
75-25-2	Bromoform	ND	340	
74-83-9	Bromomethane	ND	340	
75-15-0	Carbon Disulfide	ND	340	
56-23-5	Carbon tetrachloride	ND	340	
108-90-7	Chlorobenzene	ND	340	
75-00-3	Chloroethane	ND	340	

67-66-3	Chloroform	ND	340
74-87-3	Chloromethane	ND	340
124-48-1	Dibromochloromethane	ND	340
74-95-3	Dibromomethane	ND	340
75-71-8	Dichlorodifluoromethane	ND	340
60-29-7	Ethyl Ether	ND	340
100-41-4	Ethylbenzene	ND	340
87-68-3	Hexachlorobutadiene	ND	340
98-82-8	Isopropylbenzene	ND	340
108-38-3/106-42-	M/P Xylene	ND	680
1634-04-4	Methyl-t-Butyl Ether	ND	340
75-09-2	Methylene Chloride	ND	340
104-51-8	N-Butylbenzene	ND	340
103-65-1	N-Propylbenzene	ND	340
91-20-3	Naphthalene	ND	340
95-47-6	Ortho Xylene	ND	340
99-87-6	Para-Isopropyltoluene	ND	340
135-98-8	Sec-Butylbenzene	ND	340
100-42-5	Styrene	ND	340
98-06-6	Tert-Butylbenzene	ND	340
127-18-4	Tetrachloroethylene	ND	340
109-99-9	Tetrahydrofuran	**3100**	340
108-88-3	Toluene	ND	340
156-60-5	Trans-1,2-Dichloroethylene	ND	340
79-01-6	Trichloroethylene	ND	340
75-69-4	Trichlorofluoromethane	ND	340
108-05-4	Vinyl Acetate	ND	340
75-01-4	Vinyl Chloride	ND	340
10061-01-5	c-1,3-dichloropropene	ND	340
156-59-2	cis-1,2-Dichloroethylene	**420**	340
10061-02-6	t-1,3-Dichloropropene	ND	340

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	101	85 - 118

Comments:

H6-S 3.52 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	11A-1.5	Lab Sample ID:	AA93775
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	47%
Dry Weight Extracted:	3.38 grams	Extract Dilution:	200000
Wet Weight Extracted:	7.20 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	820000	
71-55-6	1,1,1-Trichloroethane	ND	820000	
79-34-5	1,1,2,2-Tetrachloroethane	ND	820000	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	820000	
79-00-5	1,1,2-Trichloroethane	ND	820000	
75-35-4	1,1-Dichloroethylene	ND	820000	
563-58-6	1,1-Dichloropropene	ND	820000	
75-34-3	1,1-dichloroethane	ND	820000	
87-61-6	1,2,3-Trichlorobenzene	ND	820000	
96-18-4	1,2,3-Trichloropropane	ND	820000	
120-82-1	1,2,4-Trichlorobenzene	ND	820000	
95-63-6	1,2,4-Trimethylbenzene	ND	820000	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	820000	
106-93-4	1,2-Dibromoethane	ND	820000	
95-50-1	1,2-Dichlorobenzene	ND	820000	
107-06-2	1,2-Dichloroethane	ND	820000	
78-87-5	1,2-Dichloropropane	ND	820000	
108-67-8	1,3,5-Trimethylbenzene	ND	820000	
541-73-1	1,3-Dichlorobenzene	ND	820000	
142-28-9	1,3-Dichloropropane	ND	820000	
106-46-7	1,4-Dichlorobenzene	ND	820000	
594-20-7	2,2-Dichloropropane	ND	820000	
78-93-3	2-Butanone (MEK)	ND	820000	
95-49-8	2-Chlorotoluene	ND	820000	
591-78-6	2-Hexanone	ND	820000	
67-64-1	2-Propanone (acetone)	ND	820000	
106-43-4	4-Chlorotoluene	ND	820000	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	820000	
107-13-1	Acrylonitrile	ND	820000	
71-43-2	Benzene	ND	820000	
108-86-1	Bromobenzene	ND	820000	
74-97-5	Bromochloromethane	ND	820000	
75-27-4	Bromodichloromethane	ND	820000	
75-25-2	Bromoform	ND	820000	
74-83-9	Bromomethane	ND	820000	
75-15-0	Carbon Disulfide	ND	820000	
56-23-5	Carbon tetrachloride	ND	820000	
108-90-7	Chlorobenzene	ND	820000	
75-00-3	Chloroethane	ND	820000	

67-66-3	Chloroform	ND	820000
74-87-3	Chloromethane	ND	820000
124-48-1	Dibromochloromethane	ND	820000
74-95-3	Dibromomethane	ND	820000
75-71-8	Dichlorodifluoromethane	ND	820000
60-29-7	Ethyl Ether	ND	820000
100-41-4	Ethylbenzene	ND	820000
87-68-3	Hexachlorobutadiene	ND	820000
98-82-8	Isopropylbenzene	ND	820000
108-38-3/106-42-:	M/P Xylene	ND	1600000
1634-04-4	Methyl-t-Butyl Ether	ND	820000
75-09-2	Methylene Chloride	ND	820000
104-51-8	N-Butylbenzene	ND	820000
103-65-1	N-Propylbenzene	ND	820000
91-20-3	Naphthalene	ND	820000
95-47-6	Ortho Xylene	ND	820000
99-87-6	Para-Isopropyltoluene	ND	820000
135-98-8	Sec-Butylbenzene	ND	820000
100-42-5	Styrene	ND	820000
98-06-6	Tert-Butylbenzene	ND	820000
127-18-4	Tetrachloroethylene	ND	820000
109-99-9	Tetrahydrofuran	ND	820000
108-88-3	Toluene	ND	820000
156-60-5	Trans-1,2-Dichloroethylene	ND	820000
79-01-6	Trichloroethylene	**33000000**	820000
75-69-4	Trichlorofluoromethane	ND	820000
108-05-4	Vinyl Acetate	ND	820000
75-01-4	Vinyl Chloride	ND	820000
10061-01-5	c-1,3-dichloropropene	ND	820000
156-59-2	cis-1,2-Dichloroethylene	**2900000**	820000
10061-02-6	t-1,3-Dichloropropene	ND	820000

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	97	78 - 111
1,2-Dichloroethane-D4	109	74 - 136
Toluene-D8	101	85 - 118

Comments:

11A-1.5 35,900 ppm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

New Bedford Harbor- New Bedford, MA

VOAs in Soil High Level Method

Client Sample ID:	11A-S	Lab Sample ID:	AA93776
Date of Collection:	5/6/2009	Matrix	Sediment
Date of Extraction:	5/8/09	Volume Purged:	5 mL
Date of Analysis:	5/8/09	Percent Solids:	27%
Dry Weight Extracted:	2.38 grams	Extract Dilution:	20000
Wet Weight Extracted:	8.81 grams	pH:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	140000	
71-55-6	1,1,1-Trichloroethane	ND	140000	
79-34-5	1,1,2,2-Tetrachloroethane	ND	140000	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	ND	140000	
79-00-5	1,1,2-Trichloroethane	ND	140000	
75-35-4	1,1-Dichloroethylene	ND	140000	
563-58-6	1,1-Dichloropropene	ND	140000	
75-34-3	1,1-dichloroethane	ND	140000	
87-61-6	1,2,3-Trichlorobenzene	ND	140000	
96-18-4	1,2,3-Trichloropropane	ND	140000	
120-82-1	1,2,4-Trichlorobenzene	ND	140000	
95-63-6	1,2,4-Trimethylbenzene	ND	140000	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	140000	
106-93-4	1,2-Dibromoethane	ND	140000	
95-50-1	1,2-Dichlorobenzene	ND	140000	
107-06-2	1,2-Dichloroethane	ND	140000	
78-87-5	1,2-Dichloropropane	ND	140000	
108-67-8	1,3,5-Trimethylbenzene	ND	140000	
541-73-1	1,3-Dichlorobenzene	ND	140000	
142-28-9	1,3-Dichloropropane	ND	140000	
106-46-7	1,4-Dichlorobenzene	ND	140000	
594-20-7	2,2-Dichloropropane	ND	140000	
78-93-3	2-Butanone (MEK)	ND	140000	
95-49-8	2-Chlorotoluene	ND	140000	
591-78-6	2-Hexanone	ND	140000	
67-64-1	2-Propanone (acetone)	ND	140000	
106-43-4	4-Chlorotoluene	ND	140000	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	140000	
107-13-1	Acrylonitrile	ND	140000	
71-43-2	Benzene	ND	140000	
108-86-1	Bromobenzene	ND	140000	
74-97-5	Bromochloromethane	ND	140000	
75-27-4	Bromodichloromethane	ND	140000	
75-25-2	Bromoform	ND	140000	
74-83-9	Bromomethane	ND	140000	
75-15-0	Carbon Disulfide	ND	140000	
56-23-5	Carbon tetrachloride	ND	140000	
108-90-7	Chlorobenzene	ND	140000	
75-00-3	Chloroethane	ND	140000	

67-66-3	Chloroform	ND	140000
74-87-3	Chloromethane	ND	140000
124-48-1	Dibromochloromethane	ND	140000
74-95-3	Dibromomethane	ND	140000
75-71-8	Dichlorodifluoromethane	ND	140000
60-29-7	Ethyl Ether	ND	140000
100-41-4	Ethylbenzene	ND	140000
87-68-3	Hexachlorobutadiene	ND	140000
98-82-8	Isopropylbenzene	ND	140000
108-38-3/106-42-3	M/P Xylene	ND	280000
1634-04-4	Methyl-t-Butyl Ether	ND	140000
75-09-2	Methylene Chloride	ND	140000
104-51-8	N-Butylbenzene	ND	140000
103-65-1	N-Propylbenzene	ND	140000
91-20-3	Naphthalene	ND	140000
95-47-6	Ortho Xylene	ND	140000
99-87-6	Para-Isopropyltoluene	ND	140000
135-98-8	Sec-Butylbenzene	ND	140000
100-42-5	Styrene	ND	140000
98-06-6	Tert-Butylbenzene	ND	140000
127-18-4	Tetrachloroethylene	ND	140000
109-99-9	Tetrahydrofuran	ND	140000
108-88-3	Toluene	ND	140000
156-60-5	Trans-1,2-Dichloroethylene	ND	140000
79-01-6	Trichloroethylene	**800000**	140000
75-69-4	Trichlorofluoromethane	ND	140000
108-05-4	Vinyl Acetate	ND	140000
75-01-4	Vinyl Chloride	**390000**	140000
10061-01-5	c-1,3-dichloropropene	ND	140000
156-59-2	cis-1,2-Dichloroethylene	**2870000**	140000
10061-02-6	t-1,3-Dichloropropene	ND	140000

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,4-Bromofluorobenzene	98	78 - 111
1,2-Dichloroethane-D4	110	74 - 136
Toluene-D8	102	85 - 118

Comments:

NA-S 4,060 ppm