

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG No.: BG040524

Instrument ID: BNA_G Calibration Date/Time: 4/5/2024 12:09:32

Lab File ID: BG060788.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.887	0.931		4.961	
Pyridine	1.485	1.453		-2.155	
2-Fluorophenol	1.201	1.120		-6.744	
Benzaldehyde	0.983	0.894		-9.054	
Aniline	2.250	2.115		-6.0	
Phenol-d6	1.782	1.739		-2.413	
Phenol	1.819	1.750		-3.793	20.0
bis(2-Chloroethyl)ether	1.468	1.341		-8.651	
2-Chlorophenol	1.361	1.332		-2.131	
1,2-Dichlorobenzene	1.415	1.363		-3.675	
1,3-Dichlorobenzene	1.415	1.372		-3.039	
1,4-Dichlorobenzene	1.444	1.406		-2.632	20.0
Benzyl Alcohol	1.444	1.453		0.623	
2-Methylphenol	1.373	1.337		-2.622	
2,2-oxybis(1-Chloropropane)	3.314	3.106		-6.276	
Acetophenone	0.551	0.509		-7.623	
3+4-Methylphenols	1.880	1.743		-7.287	
n-Nitroso-di-n-propylamine	1.359	1.261	0.050	-7.211	
Nitrobenzene-d5	0.350	0.395		12.857	
Hexachloroethane	0.513	0.495		-3.509	
Nitrobenzene	0.352	0.394		11.932	
Isophorone	0.807	0.774		-4.089	
2-Nitrophenol	0.120	0.170		41.667	20.0
2,4-Dimethylphenol	0.324	0.312		-3.704	
bis(2-Chloroethoxy)methane	0.477	0.441		-7.547	
2,4-Dichlorophenol	0.298	0.317		6.376	20.0
1,2,4-Trichlorobenzene	0.337	0.345		2.374	
Benzoic acid	0.191	0.257		34.555	
Naphthalene	1.082	1.042		-3.697	
4-Chloroaniline	0.503	0.482		-4.175	
Hexachlorobutadiene	0.225	0.235		4.444	20.0
Caprolactam	0.118	0.124		5.085	
4-Chloro-3-methylphenol	0.380	0.395		3.947	20.0
2-Methylnaphthalene	0.795	0.794		-0.126	
Hexachlorocyclopentadiene	0.292	0.320	0.050	9.589	
2,4,6-Trichlorophenol	0.370	0.414		11.892	20.0
2-Fluorobiphenyl	1.363	1.346		-1.247	
2,4,5-Trichlorophenol	0.442	0.502		13.575	
1,1-Biphenyl	1.413	1.360		-3.751	

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Instrument ID: BNA_G Calibration Date/Time: 4/5/2024 12:09:32

Lab File ID: BG060788.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.073	1.038		-3.262	
2-Nitroaniline	0.307	0.419		36.482	
Dimethylphthalate	1.581	1.591		0.633	
Acenaphthylene	1.803	1.780		-1.276	
2,6-Dinitrotoluene	0.247	0.323		30.769	
3-Nitroaniline	0.277	0.348		25.632	
Acenaphthene	1.132	1.154		1.943	20.0
2,4-Dinitrophenol	0.110	0.174	0.050	58.182	
4-Nitrophenol	0.231	0.280	0.050	21.212	
Dibenzofuran	1.786	1.757		-1.624	
2,4-Dinitrotoluene	0.320	0.457		42.813	
Diethylphthalate	1.590	1.600		0.629	
4-Chlorophenyl-phenylether	0.758	0.778		2.639	
Fluorene	1.433	1.473		2.791	
4-Nitroaniline	0.289	0.369		27.682	
4,6-Dinitro-2-methylphenol	0.073	0.105		43.836	
n-Nitrosodiphenylamine	0.572	0.557		-2.622	20.0
Azobenzene	1.550	1.506		-2.839	
2,4,6-Tribromophenol	0.227	0.303		33.48	
4-Bromophenyl-phenylether	0.203	0.218		7.389	
Hexachlorobenzene	0.229	0.231		0.873	
Atrazine	0.200	0.207		3.5	
Pentachlorophenol	0.150	0.174		16.0	20.0
Phenanthrene	1.040	1.006		-3.269	
Anthracene	1.056	1.042		-1.326	
Carbazole	0.931	0.898		-3.545	
Di-n-butylphthalate	1.161	1.123		-3.273	
Fluoranthene	1.262	1.236		-2.06	20.0
Benzidine	0.527	0.450		-14.611	
Pyrene	1.399	1.385		-1.001	
Terphenyl-d14	1.136	1.117		-1.673	
Butylbenzylphthalate	0.510	0.538		5.49	
3,3-Dichlorobenzidine	0.476	0.490		2.941	
Benzo(a)anthracene	1.410	1.370		-2.837	
Chrysene	1.359	1.320		-2.87	
Bis(2-ethylhexyl)phthalate	0.813	0.791		-2.706	
Di-n-octyl phthalate	1.325	1.357		2.415	20.0
Benzo(b)fluoranthene	1.149	1.103		-4.003	
Benzo(k)fluoranthene	1.176	1.163		-1.105	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG No.: BG040524
 Instrument ID: BNA_G Calibration Date/Time: 4/5/2024 12:09:32
 Lab File ID: BG060788.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.117	1.088		-2.596	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.382		-1.847	
Dibenzo(a,h)anthracene	1.187	1.158		-2.443	
Benzo(g,h,i)perylene	1.155	1.120		-3.03	
1,2,4,5-Tetrachlorobenzene	0.575	0.592		2.957	
1,4-Dioxane	0.492	0.464		-5.691	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.460		19.481	
1-Methylnaphthalene	0.751	0.752		0.133	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	PB159944TB	SDG No.:	BG040524
Lab Sample ID:	PB159944TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060789.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	PB159944TB	SDG No.:	BG040524
Lab Sample ID:	PB159944TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060789.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	PB159944TB	SDG No.:	BG040524
Lab Sample ID:	PB159944TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060789.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	69.558		10-139		46	SPK: -150
13127-88-3	Phenol-d6	66.209		10-134		44	SPK: -150
4165-60-0	Nitrobenzene-d5	48.197	*	49-133		48	SPK: -100
321-60-8	2-Fluorobiphenyl	42.391	*	52-132		42	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	PB159944TB	SDG No.:	BG040524
Lab Sample ID:	PB159944TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060789.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.753		32-145		61	SPK: -150
1718-51-0	Terphenyl-d14	44.633		36-145		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44279	7.959				
1146-65-2	Naphthalene-d8	181071	10.755				
15067-26-2	Acenaphthene-d10	149203	14.586				
1517-22-2	Phenanthrene-d10	412267	17.336				
1719-03-5	Chrysene-d12	442302	21.596				
1520-96-3	Perylene-d12	501080	24.739				

Report of Analysis

Client:				Date Collected:	4/3/2024 12:00:00 AM		
Project:				Date Received:	4/3/2024 12:00:00 AM		
Client Sample ID:	SOIL-2			SDG No.:	BG040524		
Lab Sample ID:	P1974-06			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060790.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BG040524
Lab Sample ID:	P1974-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060790.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BG040524
Lab Sample ID:	P1974-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060790.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.708		10-139		83	SPK: -150
13127-88-3	Phenol-d6	101.591		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	111.94		49-133		112	SPK: -100
321-60-8	2-Fluorobiphenyl	87.298		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BG040524
Lab Sample ID:	P1974-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060790.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	183.402		32-145		122	SPK: -150
1718-51-0	Terphenyl-d14	87.217		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62014	7.955				
1146-65-2	Naphthalene-d8	228371	10.752				
15067-26-2	Acenaphthene-d10	173800	14.588				
1517-22-2	Phenanthrene-d10	442178	17.332				
1719-03-5	Chrysene-d12	433950	21.592				
1520-96-3	Perylene-d12	405752	24.735				

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BG040524
Lab Sample ID:	P1974-09	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060791.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BG040524
Lab Sample ID:	P1974-09	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060791.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:				Date Collected:	4/3/2024 12:00:00 AM		
Project:				Date Received:	4/3/2024 12:00:00 AM		
Client Sample ID:	SOIL-3			SDG No.:	BG040524		
Lab Sample ID:	P1974-09			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060791.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.764		10-139		85	SPK: -150
13127-88-3	Phenol-d6	105.486		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	109.83		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	88.425		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BG040524
Lab Sample ID:	P1974-09	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060791.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	193.066		32-145		129	SPK: -150
1718-51-0	Terphenyl-d14	87.096		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55620	7.956				
1146-65-2	Naphthalene-d8	207980	10.753				
15067-26-2	Acenaphthene-d10	154499	14.584				
1517-22-2	Phenanthrene-d10	400974	17.333				
1719-03-5	Chrysene-d12	418725	21.593				
1520-96-3	Perylene-d12	476384	24.736				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MS	SDG No.:	BG040524
Lab Sample ID:	P1957-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060792.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	47.3	J	40	80	100	ug/L
62-53-3	Aniline	150		16	40	50	ug/L
108-95-2	Phenol	360		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	340		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	390		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	380		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	380		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	390		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	380		16	80	100	ug/L
95-48-7	2-Methylphenol	350		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	360		13.5	40	50	ug/L
98-86-2	Acetophenone	380		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	350		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	330		14.8	25	25	ug/L
67-72-1	Hexachloroethane	390		10.1	40	50	ug/L
98-95-3	Nitrobenzene	410		12.7	40	50	ug/L
78-59-1	Isophorone	370		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	490		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	310		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	360		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	450		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	410		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	380		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	38.8	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MS	SDG No.:	BG040524
Lab Sample ID:	P1957-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060792.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	370		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	370		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	790		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	440		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	420		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	370		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	390		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	470		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	390		9.3	40	50	ug/L
208-96-8	Acenaphthylene	410		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	450		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	130		13.7	40	50	ug/L
83-32-9	Acenaphthene	440		8.1	40	50	ug/L
Total PAH	Total PAH	6460		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1300	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	920	E	20	80	100	ug/L
132-64-9	Dibenzofuran	400		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		27.6	40	100	ug/L
84-66-2	Diethylphthalate	390		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	400		9.8	40	50	ug/L
86-73-7	Fluorene	400		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	380		8.9	40	50	ug/L
103-33-3	Azobenzene	390		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	420		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	430		11.4	40	50	ug/L
1912-24-9	Atrazine	340		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MS	SDG No.:	BG040524
Lab Sample ID:	P1957-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060792.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	920	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	390		8.9	40	50	ug/L
120-12-7	Anthracene	390		10.7	40	50	ug/L
86-74-8	Carbazole	390		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	380		14.7	40	50	ug/L
206-44-0	Fluoranthene	400		12.9	40	50	ug/L
92-87-5	Benzidine	58.6	J	40.7	80	100	ug/L
129-00-0	Pyrene	400		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	430		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	140		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	410		9.4	40	50	ug/L
218-01-9	Chrysene	410		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	390		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	420		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	410		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	410		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	400		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	390		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	400		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	340		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	480		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	370		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.301		10-139		76	SPK: -150
13127-88-3	Phenol-d6	101.764		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	91.491		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	72.838		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MS	SDG No.:	BG040524
Lab Sample ID:	P1957-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060792.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.256		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	76.478		36-145		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55583	7.953				
1146-65-2	Naphthalene-d8	227734	10.755				
15067-26-2	Acenaphthene-d10	185169	14.586				
1517-22-2	Phenanthrene-d10	459831	17.33				
1719-03-5	Chrysene-d12	422946	21.601				
1520-96-3	Perylene-d12	505826	24.739				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MSD	SDG No.:	BG040524
Lab Sample ID:	P1957-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060793.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	250		15.5	40	50	ug/L
100-52-7	Benzaldehyde	52.8	J	40	80	100	ug/L
62-53-3	Aniline	170		16	40	50	ug/L
108-95-2	Phenol	370		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	340		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	410		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	380		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	390		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	390		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	400		16	80	100	ug/L
95-48-7	2-Methylphenol	360		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	360		13.5	40	50	ug/L
98-86-2	Acetophenone	400		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	370		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	350		14.8	25	25	ug/L
67-72-1	Hexachloroethane	390		10.1	40	50	ug/L
98-95-3	Nitrobenzene	410		12.7	40	50	ug/L
78-59-1	Isophorone	390		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	500		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	340		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	370		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		11	40	50	ug/L
65-85-0	Benzoic acid	470		54.7	80	100	ug/L
91-20-3	Naphthalene	390		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	45.9	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	420		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MSD	SDG No.:	BG040524
Lab Sample ID:	P1957-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060793.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	390		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	460		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	390		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	770		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	460		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	430		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	390		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	400		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	490		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	400		9.3	40	50	ug/L
208-96-8	Acenaphthylene	420		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	150		13.7	40	50	ug/L
83-32-9	Acenaphthene	460		8.1	40	50	ug/L
Total PAH	Total PAH	6620		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1400	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	940	E	20	80	100	ug/L
132-64-9	Dibenzofuran	400		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
84-66-2	Diethylphthalate	400		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	420		9.8	40	50	ug/L
86-73-7	Fluorene	420		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	530		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	390		8.9	40	50	ug/L
103-33-3	Azobenzene	390		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	430		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	450		11.4	40	50	ug/L
1912-24-9	Atrazine	350		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MSD	SDG No.:	BG040524
Lab Sample ID:	P1957-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060793.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	920	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	400		8.9	40	50	ug/L
120-12-7	Anthracene	400		10.7	40	50	ug/L
86-74-8	Carbazole	400		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	390		14.7	40	50	ug/L
206-44-0	Fluoranthene	400		12.9	40	50	ug/L
92-87-5	Benzidine	57.6	J	40.7	80	100	ug/L
129-00-0	Pyrene	410		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	430		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	170		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	410		9.4	40	50	ug/L
218-01-9	Chrysene	410		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	400		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	430		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	430		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	410		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	410		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	390		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	320		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	490		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	380		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.031		10-139		75	SPK: -150
13127-88-3	Phenol-d6	105.521		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	93.897		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	74.824		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224MSD	SDG No.:	BG040524
Lab Sample ID:	P1957-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060793.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.122		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	76.657		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49636	7.955				
1146-65-2	Naphthalene-d8	206925	10.751				
15067-26-2	Acenaphthene-d10	174908	14.582				
1517-22-2	Phenanthrene-d10	437598	17.332				
1719-03-5	Chrysene-d12	407032	21.598				
1520-96-3	Perylene-d12	476723	24.741				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BG040524
Lab Sample ID:	P1996-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060794.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.7	U	53.7	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.3	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.3	110	ug/Kg
98-86-2	Acetophenone	58.4	U	58.4	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.3	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.5	U	63.5	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.3	110	ug/Kg

Report of Analysis

Client:				Date Collected:	4/4/2024 12:00:00 AM		
Project:				Date Received:	4/4/2024 12:00:00 AM		
Client Sample ID:	TP1			SDG No.:	BG040524		
Lab Sample ID:	P1996-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	10.7		
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :	Level :	LOW	
Injection Volume :				GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060794.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.9	U	54.9	87.3	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	87.3	110	ug/Kg
Total PAH	Total PAH	889.9	U	889.9	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	87.3	220	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.6	U	78.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BG040524
Lab Sample ID:	P1996-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060794.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	54.9	U	54.9	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.2	U	54.2	87.3	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.9	U	73.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.5	U	54.5	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.5	U	55.5	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.4	U	62.4	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.4	U	52.4	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.9	U	73.9	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.651		18-112		65	SPK: -150
13127-88-3	Phenol-d6	92.784		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	77.732		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	62.432		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BG040524
Lab Sample ID:	P1996-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060794.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.195		10-110		93	SPK: -150
1718-51-0	Terphenyl-d14	64.591		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56845	7.955				
1146-65-2	Naphthalene-d8	214291	10.752				
15067-26-2	Acenaphthene-d10	167843	14.583				
1517-22-2	Phenanthrene-d10	421193	17.332				
1719-03-5	Chrysene-d12	396967	21.592				
1520-96-3	Perylene-d12	475912	24.735				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	610	J			3.178	
004254-15-3	(S)-(+)-1,2-Propanediol	52.6	J			3.689	
	unknown14.812	420	J			14.812	
000638-53-9	Tridecanoic acid	210	J			18.243	
001599-67-3	1-Docosene	130	J			21.275	
000111-02-4	Squalene	120	J			23.319	

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BG040524
Lab Sample ID:	P1996-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060795.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		58.2	180	220	ug/Kg
110-86-1	Pyridine	820		53.6	87.2	110	ug/Kg
100-52-7	Benzaldehyde	160	J	120	180	220	ug/Kg
62-53-3	Aniline	470		65	87.2	110	ug/Kg
108-95-2	Phenol	1100		55.6	87.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	900		56.1	87.2	110	ug/Kg
95-57-8	2-Chlorophenol	1100		56	87.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.7	87.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		57.7	87.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58	87.2	110	ug/Kg
100-51-6	Benzyl Alcohol	980		55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	950		54.1	87.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		61	87.2	110	ug/Kg
98-86-2	Acetophenone	1000		58.3	87.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	960		53.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		27	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	1100		55.7	87.2	110	ug/Kg
98-95-3	Nitrobenzene	1100		60.9	87.2	110	ug/Kg
78-59-1	Isophorone	950		56.7	87.2	110	ug/Kg
88-75-5	2-Nitrophenol	1300		63.4	87.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	820		62.5	87.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	940		57.5	87.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.6	87.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.3	87.2	110	ug/Kg
65-85-0	Benzoic acid	1300		160	180	220	ug/Kg
91-20-3	Naphthalene	1000		55.4	87.2	110	ug/Kg
106-47-8	4-Chloroaniline	290		55.4	87.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		55.9	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BG040524
Lab Sample ID:	P1996-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060795.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52	87.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	980		55.3	87.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		47.9	87.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		49.6	87.2	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		58.6	87.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		55.9	87.2	110	ug/Kg
88-74-4	2-Nitroaniline	1200		63.7	87.2	110	ug/Kg
131-11-3	Dimethylphthalate	990		54.8	87.2	110	ug/Kg
208-96-8	Acenaphthylene	1100		58	87.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55.8	87.2	110	ug/Kg
99-09-2	3-Nitroaniline	640		59.8	87.2	110	ug/Kg
83-32-9	Acenaphthene	1200		54.4	87.2	110	ug/Kg
Total PAH	Total PAH	17000		888.7	87.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2600	E	77.8	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		56.6	87.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		113.6	87.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		57.8	87.2	110	ug/Kg
84-66-2	Diethylphthalate	990		53.7	87.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		57.4	87.2	110	ug/Kg
86-73-7	Fluorene	1100		57.3	87.2	110	ug/Kg
100-01-6	4-Nitroaniline	1200		71.8	87.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		54.7	87.2	110	ug/Kg
103-33-3	Azobenzene	1000		53.4	87.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		52.9	87.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		57	87.2	110	ug/Kg
1912-24-9	Atrazine	1100		61.3	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BG040524
Lab Sample ID:	P1996-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060795.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	51.8	180	220	ug/Kg
85-01-8	Phenanthrene	1000		56.3	87.2	110	ug/Kg
120-12-7	Anthracene	1000		56.6	87.2	110	ug/Kg
86-74-8	Carbazole	1000		53.9	87.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		56.5	87.2	110	ug/Kg
206-44-0	Fluoranthene	1000		54.8	87.2	110	ug/Kg
92-87-5	Benzidine	1000		110	180	220	ug/Kg
129-00-0	Pyrene	1000		55.7	87.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		64.9	87.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800		66.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.1	87.2	110	ug/Kg
218-01-9	Chrysene	1100		53.3	87.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		61	87.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		54.4	87.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		55.4	87.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62.4	87.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		52.4	87.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		54.5	87.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		53.7	87.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		58.2	87.2	110	ug/Kg
123-91-1	1,4-Dioxane	920		73.8	87.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		50.1	87.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	970		55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.321		18-112		64	SPK: -150
13127-88-3	Phenol-d6	94.581		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	72.904		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	59.269		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MS	SDG No.:	BG040524
Lab Sample ID:	P1996-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060795.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.405		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	60.313		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60065	7.955				
1146-65-2	Naphthalene-d8	246977	10.752				
15067-26-2	Acenaphthene-d10	192165	14.582				
1517-22-2	Phenanthrene-d10	458734	17.332				
1719-03-5	Chrysene-d12	415914	21.598				
1520-96-3	Perylene-d12	497791	24.735				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BG040524
Lab Sample ID:	P1996-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060796.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	950		58.2	180	220	ug/Kg
110-86-1	Pyridine	720		53.6	87.2	110	ug/Kg
100-52-7	Benzaldehyde	150	J	120	180	220	ug/Kg
62-53-3	Aniline	440		65	87.2	110	ug/Kg
108-95-2	Phenol	940		55.6	87.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	790		56.2	87.2	110	ug/Kg
95-57-8	2-Chlorophenol	940		56	87.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	920		56.8	87.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	940		57.7	87.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	930		58	87.2	110	ug/Kg
100-51-6	Benzyl Alcohol	870		55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	820		54.1	87.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	850		61	87.2	110	ug/Kg
98-86-2	Acetophenone	910		58.3	87.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	820		53.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	760		27	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	940		55.7	87.2	110	ug/Kg
98-95-3	Nitrobenzene	980		60.9	87.2	110	ug/Kg
78-59-1	Isophorone	860		56.8	87.2	110	ug/Kg
88-75-5	2-Nitrophenol	1200		63.4	87.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	760		62.5	87.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	850		57.6	87.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		50.7	87.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		57.3	87.2	110	ug/Kg
65-85-0	Benzoic acid	1100		160	180	220	ug/Kg
91-20-3	Naphthalene	910		55.4	87.2	110	ug/Kg
106-47-8	4-Chloroaniline	290		55.4	87.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		55.9	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BG040524
Lab Sample ID:	P1996-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060796.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	930		58.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		52	87.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	880		55.4	87.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		47.9	87.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		49.7	87.2	110	ug/Kg
92-52-4	1,1-Biphenyl	910		58.6	87.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	940		55.9	87.2	110	ug/Kg
88-74-4	2-Nitroaniline	1100		63.7	87.2	110	ug/Kg
131-11-3	Dimethylphthalate	870		54.8	87.2	110	ug/Kg
208-96-8	Acenaphthylene	970		58	87.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		55.8	87.2	110	ug/Kg
99-09-2	3-Nitroaniline	580		59.8	87.2	110	ug/Kg
83-32-9	Acenaphthene	1000		54.4	87.2	110	ug/Kg
Total PAH	Total PAH	15070		888.9	87.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2200	E	77.8	180	220	ug/Kg
132-64-9	Dibenzofuran	910		56.6	87.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.8	87.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		113.6	87.2	220	ug/Kg
84-66-2	Diethylphthalate	860		53.7	87.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		57.4	87.2	110	ug/Kg
86-73-7	Fluorene	910		57.4	87.2	110	ug/Kg
100-01-6	4-Nitroaniline	1000		71.8	87.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	920		54.7	87.2	110	ug/Kg
103-33-3	Azobenzene	870		53.4	87.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		52.9	87.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		57	87.2	110	ug/Kg
1912-24-9	Atrazine	1000		61.3	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BG040524
Lab Sample ID:	P1996-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060796.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	920		56.4	87.2	110	ug/Kg
120-12-7	Anthracene	930		56.6	87.2	110	ug/Kg
86-74-8	Carbazole	920		53.9	87.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	890		56.6	87.2	110	ug/Kg
206-44-0	Fluoranthene	910		54.8	87.2	110	ug/Kg
92-87-5	Benzidine	900		110	180	220	ug/Kg
129-00-0	Pyrene	910		55.7	87.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	980		64.9	87.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	690		66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	940		54.1	87.2	110	ug/Kg
218-01-9	Chrysene	930		53.3	87.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	910		61.1	87.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	980		73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		54.4	87.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	930		55.4	87.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	940		62.4	87.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.4	87.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		54.5	87.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920		53.7	87.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		58.2	87.2	110	ug/Kg
123-91-1	1,4-Dioxane	800		73.8	87.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.1	87.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	860		55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.023		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.194		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	66.531		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	53.152		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP1MSD	SDG No.:	BG040524
Lab Sample ID:	P1996-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060796.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.073		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	52.936		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65726	7.953				
1146-65-2	Naphthalene-d8	258408	10.75				
15067-26-2	Acenaphthene-d10	200607	14.581				
1517-22-2	Phenanthrene-d10	468783	17.33				
1719-03-5	Chrysene-d12	434277	21.596				
1520-96-3	Perylene-d12	510078	24.733				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-01	SDG No.:	BG040524
Lab Sample ID:	P1999-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060797.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.4	U	48.4	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.6	U	49.6	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.6	U	49.6	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg



Client:			Date Collected:	4/4/2024 12:00:00 AM	
Project:			Date Received:	4/4/2024 12:00:00 AM	
Client Sample ID:	THO-CONCRETE-01		SDG No.:	BG040524	
Lab Sample ID:	P1999-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	50.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060797.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.7	U	48.7	78	100	ug/Kg
Total PAH	Total PAH	795.2	U	795.2	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48.1	U	48.1	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49	U	49	78	100	ug/Kg
103-33-3	Azobenzene	47.8	U	47.8	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg



Client:			Date Collected:	4/4/2024 12:00:00 AM	
Project:			Date Received:	4/4/2024 12:00:00 AM	
Client Sample ID:	THO-CONCRETE-01		SDG No.:	BG040524	
Lab Sample ID:	P1999-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	50.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060797.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	27.608		18-112		18	SPK: -150
13127-88-3	Phenol-d6	49.063		15-107		33	SPK: -150
4165-60-0	Nitrobenzene-d5	59.436		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	48.927		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-01	SDG No.:	BG040524
Lab Sample ID:	P1999-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060797.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	16.994		10-110		11	SPK: -150
1718-51-0	Terphenyl-d14	53.9		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59694	7.953				
1146-65-2	Naphthalene-d8	225786	10.75				
15067-26-2	Acenaphthene-d10	177749	14.581				
1517-22-2	Phenanthrene-d10	435780	17.33				
1719-03-5	Chrysene-d12	420619	21.59				
1520-96-3	Perylene-d12	494676	24.733				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-02	SDG No.:	BG040524
Lab Sample ID:	P1999-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060798.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-02	SDG No.:	BG040524
Lab Sample ID:	P1999-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060798.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-02	SDG No.:	BG040524
Lab Sample ID:	P1999-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060798.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.943		18-112		41	SPK: -150
13127-88-3	Phenol-d6	71.612		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	68.334		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	57.141		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-02	SDG No.:	BG040524
Lab Sample ID:	P1999-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060798.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.528		10-110		41	SPK: -150
1718-51-0	Terphenyl-d14	61.023		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62234	7.953				
1146-65-2	Naphthalene-d8	237046	10.75				
15067-26-2	Acenaphthene-d10	182153	14.58				
1517-22-2	Phenanthrene-d10	447341	17.33				
1719-03-5	Chrysene-d12	422711	21.59				
1520-96-3	Perylene-d12	498702	24.733				



Client:			Date Collected:	4/4/2024 12:00:00 AM	
Project:			Date Received:	4/4/2024 12:00:00 AM	
Client Sample ID:	THO-CONCRETE-03		SDG No.:	BG040524	
Lab Sample ID:	P1999-03		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	50.05	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060799.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-03	SDG No.:	BG040524
Lab Sample ID:	P1999-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060799.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.2	U	794.2	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-03	SDG No.:	BG040524
Lab Sample ID:	P1999-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060799.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	55.13		18-112		37	SPK: -150
13127-88-3	Phenol-d6	63.946		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	65.708		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	54.194		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	THO-CONCRETE-03	SDG No.:	BG040524
Lab Sample ID:	P1999-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060799.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.464		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	58.201		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59477	7.95				
1146-65-2	Naphthalene-d8	226134	10.747				
15067-26-2	Acenaphthene-d10	180391	14.584				
1517-22-2	Phenanthrene-d10	443424	17.327				
1719-03-5	Chrysene-d12	428776	21.593				
1520-96-3	Perylene-d12	500469	24.73				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BG040524
Lab Sample ID:	P1996-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060800.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.7	U	60.7	190	230	ug/Kg
110-86-1	Pyridine	55.9	U	55.9	90.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.8	U	67.8	90.9	120	ug/Kg
108-95-2	Phenol	58	U	58	90.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.5	U	58.5	90.9	120	ug/Kg
95-57-8	2-Chlorophenol	58.4	U	58.4	90.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2	U	59.2	90.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.1	U	60.1	90.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.5	U	60.5	90.9	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.4	U	56.4	90.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.6	U	63.6	90.9	120	ug/Kg
98-86-2	Acetophenone	60.8	U	60.8	90.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.8	U	55.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	90.9	120	ug/Kg
98-95-3	Nitrobenzene	63.5	U	63.5	90.9	120	ug/Kg
78-59-1	Isophorone	59.2	U	59.2	90.9	120	ug/Kg
88-75-5	2-Nitrophenol	66.1	U	66.1	90.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.2	U	65.2	90.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	60	90.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.8	U	52.8	90.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.7	U	59.7	90.9	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	90.9	120	ug/Kg
106-47-8	4-Chloroaniline	57.8	U	57.8	90.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	90.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BG040524
Lab Sample ID:	P1996-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060800.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.7	U	60.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.2	U	54.2	90.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.7	U	57.7	90.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.9	U	49.9	90.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	90.9	120	ug/Kg
92-52-4	1,1-Biphenyl	61.1	U	61.1	90.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	90.9	120	ug/Kg
88-74-4	2-Nitroaniline	66.4	U	66.4	90.9	120	ug/Kg
131-11-3	Dimethylphthalate	57.1	U	57.1	90.9	120	ug/Kg
208-96-8	Acenaphthylene	60.5	U	60.5	90.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.2	U	58.2	90.9	120	ug/Kg
99-09-2	3-Nitroaniline	62.4	U	62.4	90.9	120	ug/Kg
83-32-9	Acenaphthene	56.7	U	56.7	90.9	120	ug/Kg
Total PAH	Total PAH	926.7	U	926.7	90.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.1	U	81.1	190	230	ug/Kg
132-64-9	Dibenzofuran	59	U	59	90.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.5	U	118.5	90.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.3	U	60.3	90.9	120	ug/Kg
84-66-2	Diethylphthalate	56	U	56	90.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.9	U	59.9	90.9	120	ug/Kg
86-73-7	Fluorene	59.8	U	59.8	90.9	120	ug/Kg
100-01-6	4-Nitroaniline	74.8	U	74.8	90.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.8	U	81.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	90.9	120	ug/Kg
103-33-3	Azobenzene	55.7	U	55.7	90.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.2	U	55.2	90.9	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	90.9	120	ug/Kg
1912-24-9	Atrazine	63.9	U	63.9	90.9	120	ug/Kg

Report of Analysis

Client:				Date Collected:	4/4/2024 12:00:00 AM		
Project:				Date Received:	4/4/2024 12:00:00 AM		
Client Sample ID:	TP2			SDG No.:	BG040524		
Lab Sample ID:	P1996-04			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14.3		
Sample Wt/Vol:	50.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060800.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	58.8	U	58.8	90.9	120	ug/Kg
120-12-7	Anthracene	59	U	59	90.9	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	90.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	90.9	120	ug/Kg
206-44-0	Fluoranthene	57.1	U	57.1	90.9	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	90.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.7	U	67.7	90.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.4	U	56.4	90.9	120	ug/Kg
218-01-9	Chrysene	55.6	U	55.6	90.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.6	U	63.6	90.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.9	U	76.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.7	U	56.7	90.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.8	U	57.8	90.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	90.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.6	U	54.6	90.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.8	U	56.8	90.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	90.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	90.9	120	ug/Kg
123-91-1	1,4-Dioxane	76.9	U	76.9	90.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.2	U	52.2	90.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.2	U	58.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.782		18-112		52	SPK: -150
13127-88-3	Phenol-d6	70.718		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	60.919		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	50.449		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BG040524
Lab Sample ID:	P1996-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060800.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.131		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	51.859		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60533	7.95				
1146-65-2	Naphthalene-d8	231866	10.746				
15067-26-2	Acenaphthene-d10	180095	14.583				
1517-22-2	Phenanthrene-d10	443642	17.327				
1719-03-5	Chrysene-d12	421608	21.592				
1520-96-3	Perylene-d12	495721	24.73				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	320	J			3.179	
000057-10-3	n-Hexadecanoic acid	100	J			18.238	
000297-03-0	Cyclotetracosane	97.7	J			21.275	
007683-64-9	Supraene	92.6	J			23.314	

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	280648	SDG No.:	BG040524
Lab Sample ID:	P1995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060801.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.3	U	64.3	200	240	ug/Kg
110-86-1	Pyridine	59.2	U	59.2	96.3	130	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.8	U	71.8	96.3	130	ug/Kg
108-95-2	Phenol	61.4	U	61.4	96.3	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62	U	62	96.3	130	ug/Kg
95-57-8	2-Chlorophenol	61.9	U	61.9	96.3	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.7	U	62.7	96.3	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.7	U	63.7	96.3	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.1	U	64.1	96.3	130	ug/Kg
100-51-6	Benzyl Alcohol	61.5	U	61.5	200	240	ug/Kg
95-48-7	2-Methylphenol	59.7	U	59.7	96.3	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.3	U	67.3	96.3	130	ug/Kg
98-86-2	Acetophenone	64.4	U	64.4	96.3	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.1	U	59.1	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.9	U	29.9	59.3	59.3	ug/Kg
67-72-1	Hexachloroethane	61.5	U	61.5	96.3	130	ug/Kg
98-95-3	Nitrobenzene	67.3	U	67.3	96.3	130	ug/Kg
78-59-1	Isophorone	62.7	U	62.7	96.3	130	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	96.3	130	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	96.3	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63.6	U	63.6	96.3	130	ug/Kg
120-83-2	2,4-Dichlorophenol	55.9	U	55.9	96.3	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.3	U	63.3	96.3	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	240	ug/Kg
91-20-3	Naphthalene	61.2	U	61.2	96.3	130	ug/Kg
106-47-8	4-Chloroaniline	61.2	U	61.2	96.3	130	ug/Kg
87-68-3	Hexachlorobutadiene	61.7	U	61.7	96.3	130	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	280648	SDG No.:	BG040524
Lab Sample ID:	P1995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060801.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.3	U	64.3	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.4	U	57.4	96.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	61.1	U	61.1	96.3	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.9	U	52.9	96.3	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.8	U	54.8	96.3	130	ug/Kg
92-52-4	1,1-Biphenyl	64.7	U	64.7	96.3	130	ug/Kg
91-58-7	2-Chloronaphthalene	61.7	U	61.7	96.3	130	ug/Kg
88-74-4	2-Nitroaniline	70.4	U	70.4	96.3	130	ug/Kg
131-11-3	Dimethylphthalate	60.5	U	60.5	96.3	130	ug/Kg
208-96-8	Acenaphthylene	64.1	U	64.1	96.3	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.6	U	61.6	96.3	130	ug/Kg
99-09-2	3-Nitroaniline	66.1	U	66.1	96.3	130	ug/Kg
83-32-9	Acenaphthene	60.1	U	60.1	96.3	130	ug/Kg
Total PAH	Total PAH	981.7	U	981.7	96.3	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85.9	U	85.9	200	240	ug/Kg
132-64-9	Dibenzofuran	62.5	U	62.5	96.3	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.9	U	63.9	96.3	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	125.5	U	125.5	96.3	260	ug/Kg
84-66-2	Diethylphthalate	59.3	U	59.3	96.3	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.4	U	63.4	96.3	130	ug/Kg
86-73-7	Fluorene	63.3	U	63.3	96.3	130	ug/Kg
100-01-6	4-Nitroaniline	79.3	U	79.3	96.3	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86.7	U	86.7	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.4	U	60.4	96.3	130	ug/Kg
103-33-3	Azobenzene	59	U	59	96.3	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.4	U	58.4	96.3	130	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	96.3	130	ug/Kg
1912-24-9	Atrazine	67.7	U	67.7	96.3	130	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	280648	SDG No.:	BG040524
Lab Sample ID:	P1995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060801.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.3	U	57.3	200	240	ug/Kg
85-01-8	Phenanthrene	92.5	J	62.2	96.3	130	ug/Kg
120-12-7	Anthracene	62.5	U	62.5	96.3	130	ug/Kg
86-74-8	Carbazole	59.5	U	59.5	96.3	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.4	U	62.4	96.3	130	ug/Kg
206-44-0	Fluoranthene	180		60.5	96.3	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	150		61.5	96.3	130	ug/Kg
85-68-7	Butylbenzylphthalate	71.7	U	71.7	96.3	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73	U	73	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	73.2	J	59.8	96.3	130	ug/Kg
218-01-9	Chrysene	95.8	J	58.9	96.3	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2800	E	67.4	96.3	130	ug/Kg
117-84-0	Di-n-octyl phthalate	81.5	U	81.5	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		60.1	96.3	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.2	U	61.2	96.3	130	ug/Kg
50-32-8	Benzo(a)pyrene	81.4	J	68.9	96.3	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57.9	U	57.9	96.3	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60.2	U	60.2	96.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	69.4	J	59.3	96.3	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.3	U	64.3	96.3	130	ug/Kg
123-91-1	1,4-Dioxane	81.5	U	81.5	96.3	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.3	U	55.3	96.3	130	ug/Kg
90-12-0	1-Methylnaphthalene	61.6	U	61.6	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.55		18-112		58	SPK: -150
13127-88-3	Phenol-d6	79.667		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	68.057		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	51.453		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	280648	SDG No.:	BG040524
Lab Sample ID:	P1995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060801.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.077		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	47.673		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73457	7.952				
1146-65-2	Naphthalene-d8	287321	10.749				
15067-26-2	Acenaphthene-d10	205102	14.58				
1517-22-2	Phenanthrene-d10	417310	17.336				
1719-03-5	Chrysene-d12	406268	21.595				
1520-96-3	Perylene-d12	492382	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	550	J			3.182	
313253-65-5	2-Pentanone, 4-cyclohexylidene-3,3	160	J			14.016	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	88.6	J			14.134	
	unknown14.339	170	J			14.339	
	unknown14.427	290	J			14.427	
	unknown14.498	100	J			14.498	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	360	J			15.385	
007396-58-9	1-Decanamine, N-decyl-N-methyl-	630	J			19.333	
030719-66-5	1-(Ethenesulfonyl)dodecane	130	J			21.272	
040710-32-5	Nonahexacontanoic acid	76.8	J			22.447	
000111-02-4	Squalene	220	J			23.317	
007225-64-1	Heptadecane, 9-octyl-	120	J			23.934	



Client:			Date Collected:	4/4/2024 12:00:00 AM	
Project:			Date Received:	4/4/2024 12:00:00 AM	
Client Sample ID:	MOO-23-00119		SDG No.:	BG040524	
Lab Sample ID:	P1995-03		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	25.6	
Sample Wt/Vol:	10.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060802.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350	U	350	1100	1300	ug/Kg
110-86-1	Pyridine	320	U	320	520	680	ug/Kg
100-52-7	Benzaldehyde	730	U	730	1100	1300	ug/Kg
62-53-3	Aniline	390	U	390	520	680	ug/Kg
108-95-2	Phenol	330	U	330	520	680	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	340	U	340	520	680	ug/Kg
95-57-8	2-Chlorophenol	340	U	340	520	680	ug/Kg
95-50-1	1,2-Dichlorobenzene	340	U	340	520	680	ug/Kg
541-73-1	1,3-Dichlorobenzene	350	U	350	520	680	ug/Kg
106-46-7	1,4-Dichlorobenzene	350	U	350	520	680	ug/Kg
100-51-6	Benzyl Alcohol	330	U	330	1100	1300	ug/Kg
95-48-7	2-Methylphenol	320	U	320	520	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	370	520	680	ug/Kg
98-86-2	Acetophenone	480	J	350	520	680	ug/Kg
65794-96-9	3+4-Methylphenols	320	U	320	1100	1300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	160	U	160	320	320	ug/Kg
67-72-1	Hexachloroethane	330	U	330	520	680	ug/Kg
98-95-3	Nitrobenzene	370	U	370	520	680	ug/Kg
78-59-1	Isophorone	340	U	340	520	680	ug/Kg
88-75-5	2-Nitrophenol	380	U	380	520	680	ug/Kg
105-67-9	2,4-Dimethylphenol	380	U	380	520	680	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	350	U	350	520	680	ug/Kg
120-83-2	2,4-Dichlorophenol	300	U	300	520	680	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	340	U	340	520	680	ug/Kg
65-85-0	Benzoic acid	950	U	950	1100	1300	ug/Kg
91-20-3	Naphthalene	330	U	330	520	680	ug/Kg
106-47-8	4-Chloroaniline	330	U	330	520	680	ug/Kg
87-68-3	Hexachlorobutadiene	340	U	340	520	680	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00119	SDG No.:	BG040524
Lab Sample ID:	P1995-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.6
Sample Wt/Vol:	10.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060802.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	350	U	350	1100	1300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	310	U	310	520	680	ug/Kg
91-57-6	2-Methylnaphthalene	330	U	330	520	680	ug/Kg
77-47-4	Hexachlorocyclopentadiene	630	U	630	1100	1300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290	U	290	520	680	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	520	680	ug/Kg
92-52-4	1,1-Biphenyl	350	U	350	520	680	ug/Kg
91-58-7	2-Chloronaphthalene	340	U	340	520	680	ug/Kg
88-74-4	2-Nitroaniline	380	U	380	520	680	ug/Kg
131-11-3	Dimethylphthalate	330	U	330	520	680	ug/Kg
208-96-8	Acenaphthylene	350	U	350	520	680	ug/Kg
606-20-2	2,6-Dinitrotoluene	340	U	340	520	680	ug/Kg
99-09-2	3-Nitroaniline	360	U	360	520	680	ug/Kg
83-32-9	Acenaphthene	330	U	330	520	680	ug/Kg
Total PAH	Total PAH	5330	U	5330	520	10880	ug/Kg
51-28-5	2,4-Dinitrophenol	980	U	980	1100	1300	ug/Kg
100-02-7	4-Nitrophenol	470	U	470	1100	1300	ug/Kg
132-64-9	Dibenzofuran	340	U	340	520	680	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	690	U	690	520	1360	ug/Kg
121-14-2	2,4-Dinitrotoluene	350	U	350	520	680	ug/Kg
84-66-2	Diethylphthalate	320	U	320	520	680	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	340	U	340	520	680	ug/Kg
86-73-7	Fluorene	340	U	340	520	680	ug/Kg
100-01-6	4-Nitroaniline	430	U	430	520	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470	U	470	1100	1300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	330	U	330	520	680	ug/Kg
103-33-3	Azobenzene	320	U	320	520	680	ug/Kg
101-55-3	4-Bromophenyl-phenylether	320	U	320	520	680	ug/Kg
118-74-1	Hexachlorobenzene	340	U	340	520	680	ug/Kg
1912-24-9	Atrazine	370	U	370	520	680	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00119	SDG No.:	BG040524
Lab Sample ID:	P1995-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.6
Sample Wt/Vol:	10.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060802.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	310	U	310	1100	1300	ug/Kg
85-01-8	Phenanthrene	340	U	340	520	680	ug/Kg
120-12-7	Anthracene	340	U	340	520	680	ug/Kg
86-74-8	Carbazole	320	U	320	520	680	ug/Kg
84-74-2	Di-n-butylphthalate	340	U	340	520	680	ug/Kg
206-44-0	Fluoranthene	330	U	330	520	680	ug/Kg
92-87-5	Benzidine	660	U	660	1100	1300	ug/Kg
129-00-0	Pyrene	330	U	330	520	680	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	390	520	680	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	400	1100	1300	ug/Kg
56-55-3	Benzo(a)anthracene	330	U	330	520	680	ug/Kg
218-01-9	Chrysene	320	U	320	520	680	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		370	520	680	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	1100	1300	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	U	330	520	680	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	U	330	520	680	ug/Kg
50-32-8	Benzo(a)pyrene	370	U	370	520	680	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	310	520	680	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	520	680	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320	U	320	520	680	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	520	680	ug/Kg
123-91-1	1,4-Dioxane	440	U	440	520	680	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	300	U	300	520	680	ug/Kg
90-12-0	1-Methylnaphthalene	340	U	340	680	680	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.482		18-112		46	SPK: -150
13127-88-3	Phenol-d6	65.047		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	58.334		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	4.708	*	20-109		5	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00119	SDG No.:	BG040524
Lab Sample ID:	P1995-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.6
Sample Wt/Vol:	10.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060802.D	1	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	6.936	*	10-110		5	SPK: -150
1718-51-0	Terphenyl-d14	53.624		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80100	7.955				
1146-65-2	Naphthalene-d8	299925	10.751				
15067-26-2	Acenaphthene-d10	2108759	14.723				
1517-22-2	Phenanthrene-d10	283373	17.397				
1719-03-5	Chrysene-d12	284093	21.639				
1520-96-3	Perylene-d12	386726	24.764				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-61-0	1,1-Biphenyl, 2,4-dimethyl-	1600	J			15.076	
000613-33-2	4,4-Dimethylbiphenyl	920	J			15.211	
016510-49-9	Triphenylcyclopropene	1900	J			23.448	
	unknown23.877	2700	J			23.877	

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00113	SDG No.:	BG040524
Lab Sample ID:	P1995-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.4
Sample Wt/Vol:	5.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060803.D	10	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7300	U	7300	22600	27600	ug/Kg
110-86-1	Pyridine	6700	U	6700	10900	14200	ug/Kg
100-52-7	Benzaldehyde	15200	U	15200	22600	27600	ug/Kg
62-53-3	Aniline	8100	U	8100	10900	14200	ug/Kg
108-95-2	Phenol	6900	U	6900	10900	14200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	7000	U	7000	10900	14200	ug/Kg
95-57-8	2-Chlorophenol	7000	U	7000	10900	14200	ug/Kg
95-50-1	1,2-Dichlorobenzene	7100	U	7100	10900	14200	ug/Kg
541-73-1	1,3-Dichlorobenzene	7200	U	7200	10900	14200	ug/Kg
106-46-7	1,4-Dichlorobenzene	7200	U	7200	10900	14200	ug/Kg
100-51-6	Benzyl Alcohol	6900	U	6900	22600	27600	ug/Kg
95-48-7	2-Methylphenol	6700	U	6700	10900	14200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	7600	U	7600	10900	14200	ug/Kg
98-86-2	Acetophenone	7300	U	7300	10900	14200	ug/Kg
65794-96-9	3+4-Methylphenols	6700	U	6700	22600	27600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3400	U	3400	6700	6700	ug/Kg
67-72-1	Hexachloroethane	6900	U	6900	10900	14200	ug/Kg
98-95-3	Nitrobenzene	7600	U	7600	10900	14200	ug/Kg
78-59-1	Isophorone	7100	U	7100	10900	14200	ug/Kg
88-75-5	2-Nitrophenol	7900	U	7900	10900	14200	ug/Kg
105-67-9	2,4-Dimethylphenol	7800	U	7800	10900	14200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	7200	U	7200	10900	14200	ug/Kg
120-83-2	2,4-Dichlorophenol	6300	U	6300	10900	14200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	7100	U	7100	10900	14200	ug/Kg
65-85-0	Benzoic acid	19800	U	19800	22600	27600	ug/Kg
91-20-3	Naphthalene	6900	U	6900	10900	14200	ug/Kg
106-47-8	4-Chloroaniline	6900	U	6900	10900	14200	ug/Kg
87-68-3	Hexachlorobutadiene	7000	U	7000	10900	14200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00113	SDG No.:	BG040524
Lab Sample ID:	P1995-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.4
Sample Wt/Vol:	5.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060803.D	10	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	7300	U	7300	22600	27600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	6500	U	6500	10900	14200	ug/Kg
91-57-6	2-Methylnaphthalene	23000		6900	10900	14200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	13000	U	13000	22600	27600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6000	U	6000	10900	14200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	6200	U	6200	10900	14200	ug/Kg
92-52-4	1,1-Biphenyl	9900	J	7300	10900	14200	ug/Kg
91-58-7	2-Chloronaphthalene	7000	U	7000	10900	14200	ug/Kg
88-74-4	2-Nitroaniline	7900	U	7900	10900	14200	ug/Kg
131-11-3	Dimethylphthalate	6800	U	6800	10900	14200	ug/Kg
208-96-8	Acenaphthylene	7200	U	7200	10900	14200	ug/Kg
606-20-2	2,6-Dinitrotoluene	7000	U	7000	10900	14200	ug/Kg
99-09-2	3-Nitroaniline	7500	U	7500	10900	14200	ug/Kg
83-32-9	Acenaphthene	6800	U	6800	10900	14200	ug/Kg
Total PAH	Total PAH	110700	U	110700	10900	227200	ug/Kg
51-28-5	2,4-Dinitrophenol	20300	U	20300	22600	27600	ug/Kg
100-02-7	4-Nitrophenol	9700	U	9700	22600	27600	ug/Kg
132-64-9	Dibenzofuran	7100	U	7100	10900	14200	ug/Kg
121-14-2	2,4-Dinitrotoluene	7200	U	7200	10900	14200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4200	U	14200	10900	28400	ug/Kg
84-66-2	Diethylphthalate	6700	U	6700	10900	14200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	7200	U	7200	10900	14200	ug/Kg
86-73-7	Fluorene	7200	U	7200	10900	14200	ug/Kg
100-01-6	4-Nitroaniline	8900	U	8900	10900	14200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	9800	U	9800	22600	27600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	6800	U	6800	10900	14200	ug/Kg
103-33-3	Azobenzene	6700	U	6700	10900	14200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6600	U	6600	10900	14200	ug/Kg
118-74-1	Hexachlorobenzene	7100	U	7100	10900	14200	ug/Kg
1912-24-9	Atrazine	7600	U	7600	10900	14200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00113	SDG No.:	BG040524
Lab Sample ID:	P1995-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.4
Sample Wt/Vol:	5.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060803.D	10	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6500	U	6500	22600	27600	ug/Kg
85-01-8	Phenanthrene	7000	U	7000	10900	14200	ug/Kg
120-12-7	Anthracene	7100	U	7100	10900	14200	ug/Kg
86-74-8	Carbazole	6700	U	6700	10900	14200	ug/Kg
84-74-2	Di-n-butylphthalate	7100	U	7100	10900	14200	ug/Kg
206-44-0	Fluoranthene	6800	U	6800	10900	14200	ug/Kg
92-87-5	Benzidine	13600	U	13600	22600	27600	ug/Kg
129-00-0	Pyrene	6900	U	6900	10900	14200	ug/Kg
85-68-7	Butylbenzylphthalate	8100	U	8100	10900	14200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	8200	U	8200	22600	27600	ug/Kg
56-55-3	Benzo(a)anthracene	6700	U	6700	10900	14200	ug/Kg
218-01-9	Chrysene	6600	U	6600	10900	14200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8900	J	7600	10900	14200	ug/Kg
117-84-0	Di-n-octyl phthalate	9200	U	9200	22600	27600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6800	U	6800	10900	14200	ug/Kg
207-08-9	Benzo(k)fluoranthene	6900	U	6900	10900	14200	ug/Kg
50-32-8	Benzo(a)pyrene	7800	U	7800	10900	14200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6500	U	6500	10900	14200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6800	U	6800	10900	14200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6700	U	6700	10900	14200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	7300	U	7300	10900	14200	ug/Kg
123-91-1	1,4-Dioxane	9200	U	9200	10900	14200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6200	U	6200	10900	14200	ug/Kg
90-12-0	1-Methylnaphthalene	14200		7000	14200	14200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	62.17		18-112		41	SPK: -150
13127-88-3	Phenol-d6	59.58		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	65.91		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	50.64		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MOO-23-00113	SDG No.:	BG040524
Lab Sample ID:	P1995-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.4
Sample Wt/Vol:	5.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060803.D	10	4/5/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.12		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	52.81		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61083	7.958				
1146-65-2	Naphthalene-d8	227044	10.755				
15067-26-2	Acenaphthene-d10	165371	14.586				
1517-22-2	Phenanthrene-d10	351331	17.336				
1719-03-5	Chrysene-d12	274965	21.613				
1520-96-3	Perylene-d12	368179	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-04-9	Silane, trichlorooctadecyl-	207900	J			9.198	
000544-76-3	Hexadecane	263600	J			14.51	
000629-78-7	Heptadecane	227700	J			15.467	
000629-92-5	Nonadecane	865900	J			16.325	
054105-67-8	Heptadecane, 2,6-dimethyl-	305100	J			16.355	
062108-21-8	Decane, 6-ethyl-2-methyl-	768700	J			17.124	
019218-94-1	Tetradecane, 1-iodo-	331500	J			17.177	
000593-45-3	Octadecane	642200	J			17.865	
000112-39-0	Hexadecanoic acid, methyl ester	1377800	J			18.035	
004860-03-1	Hexadecane, 1-chloro-	183900	J			18.147	
000112-95-8	Eicosane	688200	J			18.564	
054833-23-7	Eicosane, 10-methyl-	375900	J			18.811	
006418-43-5	Hexadecane, 3-methyl-	248300	J			19.028	
013058-52-1	Methyl 9-cis,11-trans-octadecadien	3800600	J			19.192	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	4245200	J			19.233	
000112-61-8	Methyl stearate	567300	J			19.345	
055045-08-4	Dodecane, 2-methyl-6-propyl-	503400	J			19.422	

Hit Summary Sheet SW-846

SDG No.: BG040524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 280648								
P1995-01	280648	Solid	1-(Ethenesulfonyl)dodecane	*	130.000	J		
P1995-01	280648	Solid	1-Decanamine, N-decyl-N-methyl	*	630.000	J		
P1995-01	280648	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3	*	360.000	J		
P1995-01	280648	Solid	2-Pentanone, 4-cyclohexylidene-3	*	160.000	J		
P1995-01	280648	Solid	Butane, 2-methoxy-2-methyl-	*	550.000	J		
P1995-01	280648	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	88.600	J		
P1995-01	280648	Solid	Heptadecane, 9-octyl-	*	120.000	J		
P1995-01	280648	Solid	Nonahexacontanoic acid	*	76.800	J		
P1995-01	280648	Solid	Squalene	*	220.000	J		
P1995-01	280648	Solid	unknown14.339	*	170.000	J		
P1995-01	280648	Solid	unknown14.427	*	290.000	J		
P1995-01	280648	Solid	unknown14.498	*	100.000	J		
			Total Tics :		2,895.40			
P1995-01	280648	Solid	Benzo(a)anthracene		73.200	J	59.8	130 ug/Kg
P1995-01	280648	Solid	Benzo(a)pyrene		81.400	J	68.9	130 ug/Kg
P1995-01	280648	Solid	Benzo(b)fluoranthene		130.000		60.1	130 ug/Kg
P1995-01	280648	Solid	Benzo(g,h,i)perylene		69.400	J	59.3	130 ug/Kg
P1995-01	280648	Solid	Bis(2-ethylhexyl)phthalate		2,800.000	E	67.4	130 ug/Kg
P1995-01	280648	Solid	Chrysene		95.800	J	58.9	130 ug/Kg
P1995-01	280648	Solid	Fluoranthene		180.000		60.5	130 ug/Kg
P1995-01	280648	Solid	Phenanthrene		92.500	J	62.2	130 ug/Kg
P1995-01	280648	Solid	Pyrene		150.000		61.5	130 ug/Kg
			Total Svoc :		3,672.30			
			Total Concentration:		6,567.70			
Client ID : MOO-23-00119								
P1995-03	MOO-23-00119	Solid	1,1-Biphenyl, 2,4-dimethyl-	*	1,600.000	J		
P1995-03	MOO-23-00119	Solid	4,4-Dimethylbiphenyl	*	920.000	J		
P1995-03	MOO-23-00119	Solid	Triphenylcyclopropene	*	1,900.000	J		
P1995-03	MOO-23-00119	Solid	unknown23.877	*	2,700.000	J		
			Total Tics :		7,120.00			
P1995-03	MOO-23-00119	Solid	Acetophenone		480.000	J	350	680 ug/Kg
P1995-03	MOO-23-00119	Solid	Bis(2-ethylhexyl)phthalate		1,500.000		370	680 ug/Kg
			Total Svoc :		1,980.00			
			Total Concentration:		9,100.00			
Client ID : MOO-23-00113								
P1995-05	MOO-23-00113	Solid	9-Octadecenoic acid (Z)-, methyl	*	4,245,200.000	J		
P1995-05	MOO-23-00113	Solid	Decane, 6-ethyl-2-methyl-	*	768,700.000	J		

Hit Summary Sheet SW-846

SDG No.: BG040524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1995-05	MOO-23-00113	Solid	Dodecane, 2-methyl-6-propyl-	* 503,400.000	J			
P1995-05	MOO-23-00113	Solid	Eicosane	* 688,200.000	J			
P1995-05	MOO-23-00113	Solid	Eicosane, 10-methyl-	* 375,900.000	J			
P1995-05	MOO-23-00113	Solid	Heptadecane	* 227,700.000	J			
P1995-05	MOO-23-00113	Solid	Heptadecane, 2,6-dimethyl-	* 305,100.000	J			
P1995-05	MOO-23-00113	Solid	Hexadecane	* 263,600.000	J			
P1995-05	MOO-23-00113	Solid	Hexadecane, 1-chloro-	* 183,900.000	J			
P1995-05	MOO-23-00113	Solid	Hexadecane, 3-methyl-	* 248,300.000	J			
P1995-05	MOO-23-00113	Solid	Hexadecanoic acid, methyl ester	* 1,377,800.000	J			
P1995-05	MOO-23-00113	Solid	Methyl 9-cis,11-trans-octadecadienyl	* 3,800,600.000	J			
P1995-05	MOO-23-00113	Solid	Methyl stearate	* 567,300.000	J			
P1995-05	MOO-23-00113	Solid	Nonadecane	* 865,900.000	J			
P1995-05	MOO-23-00113	Solid	Octadecane	* 642,200.000	J			
P1995-05	MOO-23-00113	Solid	Silane, trichlorooctadecyl-	* 207,900.000	J			
P1995-05	MOO-23-00113	Solid	Tetradecane, 1-iodo-	* 331,500.000	J			
Total Tics :				15,603,200.00				
P1995-05	MOO-23-00113	Solid	1,1-Biphenyl	9,900.000	J	7300	14200	ug/Kg
P1995-05	MOO-23-00113	Solid	1-Methylnaphthalene	14,200.000		7000	14200	ug/Kg
P1995-05	MOO-23-00113	Solid	2-Methylnaphthalene	23,000.000		6900	14200	ug/Kg
P1995-05	MOO-23-00113	Solid	Bis(2-ethylhexyl)phthalate	8,900.000	J	7600	14200	ug/Kg
Total Svoc :				56,000.00				
Total Concentration:				15,659,200.00				
Client ID : TP1								
P1996-01	TP1	Solid	(S)-(+)-1,2-Propanediol	* 52.600	J			
P1996-01	TP1	Solid	1-Docosene	* 130.000	J			
P1996-01	TP1	Solid	Butane, 2-methoxy-2-methyl-	* 610.000	J			
P1996-01	TP1	Solid	Squalene	* 120.000	J			
P1996-01	TP1	Solid	Tridecanoic acid	* 210.000	J			
P1996-01	TP1	Solid	unknown14.812	* 420.000	J			
Total Tics :				1,542.60				
Total Concentration:				1,542.60				
Client ID : TP2								
P1996-04	TP2	Solid	Butane, 2-methoxy-2-methyl-	* 320.000	J			
P1996-04	TP2	Solid	Cyclotetrasiloxane	* 97.700	J			
P1996-04	TP2	Solid	n-Hexadecanoic acid	* 100.000	J			
P1996-04	TP2	Solid	Supraene	* 92.600	J			
Total Tics :				610.30				
Total Concentration:				610.30				



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BG040524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.894	0.864	0.865	0.929	0.915	0.887	5.2
Pyridine		1.490	1.522	1.496	1.602	1.565	1.485	8.1
2-Fluorophenol		1.171	1.161	1.269	1.204	1.164	1.201	3.5
Benzaldehyde			1.121	1.113	0.947	0.875	0.983	12.9
Aniline		2.123	2.225	2.424	2.291	2.196	2.250	4.2
Phenol-d6		1.718	1.774	1.859	1.813	1.738	1.782	2.8
Phenol		1.712	1.798	1.902	1.875	1.764	1.819	3.8
bis(2-Chloroethyl)ether		1.477	1.480	1.546	1.467	1.414	1.468	2.8
2-Chlorophenol		1.265	1.350	1.428	1.376	1.348	1.361	4.0
1,2-Dichlorobenzene		1.455	1.406	1.516	1.396	1.323	1.415	4.2
1,3-Dichlorobenzene		1.527	1.396	1.447	1.391	1.357	1.415	4.0
1,4-Dichlorobenzene		1.474	1.476	1.484	1.421	1.390	1.444	2.7
Benzyl Alcohol		1.345	1.411	1.500	1.481	1.421	1.444	3.8
2-Methylphenol		1.285	1.361	1.457	1.386	1.325	1.373	4.2
2,2-oxybis(1-Chloropropane)		3.269	3.356	3.489	3.291	3.139	3.314	3.2
Acetophenone		0.539	0.534	0.597	0.540	0.545	0.551	4.4
3+4-Methylphenols		1.683	1.831	2.015	1.911	1.849	1.880	5.8
n-Nitroso-di-n-propylamine	1.345	1.260	1.367	1.452	1.377	1.318	1.359	4.2
Nitrobenzene-d5			0.270	0.331	0.341	0.371	0.350	13.6
Hexachloroethane		0.495	0.533	0.533	0.493	0.493	0.513	3.8
Nitrobenzene		0.253	0.304	0.348	0.363	0.386	0.352	16.1
Isophorone		0.765	0.787	0.853	0.804	0.813	0.807	3.8
2-Nitrophenol		0.079	0.083	0.111	0.124	0.137	0.120	25.1
2,4-Dimethylphenol		0.310	0.321	0.347	0.318	0.323	0.324	4.1
bis(2-Chloroethoxy)methane		0.469	0.467	0.496	0.469	0.482	0.477	2.5
2,4-Dichlorophenol		0.253	0.277	0.311	0.306	0.313	0.298	8.0
1,2,4-Trichlorobenzene		0.325	0.326	0.351	0.331	0.339	0.337	3.6
Benzoic acid			0.115	0.163	0.199	0.212	0.191	23.5
Naphthalene		1.074	1.091	1.136	1.077	1.065	1.082	2.9
4-Chloroaniline		0.487	0.493	0.528	0.508	0.502	0.503	2.9
Hexachlorobutadiene		0.213	0.223	0.234	0.218	0.226	0.225	3.6
Caprolactam		0.112	0.119	0.127	0.121	0.115	0.118	4.6
4-Chloro-3-methylphenol		0.370	0.365	0.394	0.392	0.377	0.380	3.1
2-Methylnaphthalene		0.808	0.811	0.828	0.783	0.772	0.795	3.5
Hexachlorocyclopentadiene		0.256	0.247	0.295	0.286	0.314	0.292	10.9
2,4,6-Trichlorophenol		0.302	0.338	0.381	0.372	0.398	0.370	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.383	1.377	1.463	1.316	1.359	1.363	4.1
2,4,5-Trichlorophenol		0.380	0.407	0.461	0.445	0.465	0.442	7.9
1,1-Biphenyl		1.417	1.415	1.496	1.364	1.405	1.413	3.0
2-Chloronaphthalene		1.036	1.062	1.133	1.045	1.083	1.073	3.0
2-Nitroaniline		0.201	0.231	0.289	0.323	0.356	0.307	22.9
Dimethylphthalate		1.570	1.576	1.696	1.565	1.570	1.581	3.6
Acenaphthylene		1.760	1.812	1.900	1.759	1.818	1.803	2.9
2,6-Dinitrotoluene		0.154	0.188	0.251	0.264	0.284	0.247	22.3
3-Nitroaniline		0.185	0.226	0.283	0.300	0.309	0.277	18.7
Acenaphthene		1.093	1.150	1.191	1.108	1.137	1.132	3.1
2,4-Dinitrophenol			0.092	0.099	0.108	0.118	0.110	14.8
4-Nitrophenol			0.180	0.218	0.236	0.244	0.231	12.4
Dibenzofuran		1.813	1.854	1.867	1.732	1.780	1.786	3.6
2,4-Dinitrotoluene		0.192	0.242	0.314	0.346	0.374	0.320	24.0
Diethylphthalate		1.622	1.665	1.690	1.557	1.558	1.590	4.5
4-Chlorophenyl-phenylether		0.794	0.789	0.798	0.738	0.742	0.758	4.7
Fluorene		1.482	1.514	1.521	1.412	1.398	1.433	5.3
4-Nitroaniline		0.214	0.255	0.299	0.303	0.312	0.289	13.8
4,6-Dinitro-2-methylphenol			0.048	0.063	0.072	0.081	0.073	21.8
n-Nitrosodiphenylamine		0.539	0.564	0.586	0.568	0.587	0.572	3.1
Azobenzene		1.516	1.599	1.667	1.536	1.532	1.550	4.1
2,4,6-Tribromophenol		0.187	0.214	0.243	0.226	0.236	0.227	9.2
4-Bromophenyl-phenylether		0.187	0.189	0.215	0.202	0.205	0.203	5.7
Hexachlorobenzene		0.222	0.219	0.239	0.225	0.233	0.229	3.4
Atrazine		0.195	0.209	0.213	0.200	0.197	0.200	4.4
Pentachlorophenol		0.108	0.133	0.155	0.152	0.164	0.150	14.9
Phenanthrene		1.052	1.057	1.109	1.010	1.030	1.040	3.9
Anthracene		1.060	1.060	1.128	1.030	1.050	1.056	3.7
Carbazole		0.957	0.949	0.999	0.906	0.919	0.931	4.5
Di-n-butylphthalate		1.134	1.187	1.258	1.153	1.154	1.161	4.5
Fluoranthene		1.343	1.329	1.337	1.216	1.228	1.262	5.8
Benzidine		0.498	0.492	0.525	0.596	0.534	0.527	6.5
Pyrene		1.411	1.408	1.525	1.368	1.366	1.399	4.5
Terphenyl-d14		1.221	1.230	1.271	1.104	1.073	1.136	9.3
Butylbenzylphthalate		0.422	0.460	0.539	0.520	0.542	0.510	9.8
3,3-Dichlorobenzidine		0.430	0.445	0.510	0.493	0.488	0.476	5.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.385	1.406	1.500	1.401	1.400	1.410	3.1
Chrysene		1.350	1.348	1.440	1.345	1.349	1.359	2.8
Bis(2-ethylhexyl)phthalate		0.705	0.769	0.866	0.836	0.847	0.813	7.0
Di-n-octyl phthalate		1.077	1.191	1.382	1.389	1.413	1.325	10.2
Benzo(b)fluoranthene		1.132	1.130	1.198	1.141	1.143	1.149	2.2
Benzo(k)fluoranthene		1.155	1.142	1.236	1.181	1.172	1.176	3.1
Benzo(a)pyrene		1.073	1.092	1.156	1.122	1.119	1.117	2.8
Indeno(1,2,3-cd)pyrene		1.303	1.361	1.463	1.393	1.461	1.408	4.3
Dibenzo(a,h)anthracene		1.092	1.144	1.234	1.173	1.235	1.187	4.7
Benzo(g,h,i)perylene		1.091	1.120	1.190	1.139	1.189	1.155	3.5
1,2,4,5-Tetrachlorobenzene		0.553	0.550	0.595	0.555	0.589	0.575	3.8
1,4-Dioxane		0.553	0.531	0.496	0.476	0.492	0.492	8.9
2,3,4,6-Tetrachlorophenol		0.325	0.373	0.396	0.400	0.404	0.385	7.4
1-Methylnaphthalene		0.770	0.762	0.806	0.727	0.732	0.751	4.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG NO.: BG040524

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 10:12

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	51170	7.961	236385	10.76	178236	14.59
	UPPER LIMIT	102340	8.461	472770	11.258	356472	15.089
	LOWER LIMIT	25585	7.461	118192.5	10.258	89118	14.089
	EPA SAMPLE NO.						
01	PB159944TB	44279	7.96	181071	10.76	149203	14.59
02	SOIL-2	62014	7.96	228371	10.75	173800	14.59
03	SOIL-3	55620	7.96	207980	10.75	154499	14.58
04	NM-DRUMS-040224MS	55583	7.95	227734	10.76	185169	14.59
05	NM-DRUMS-040224MSD	49636	7.96	206925	10.75	174908	14.58
06	TP1	56845	7.96	214291	10.75	167843	14.58
07	TP1MS	60065	7.96	246977	10.75	192165	14.58
08	TP1MSD	65726	7.95	258408	10.75	200607	14.58
09	THO-CONCRETE-01	59694	7.95	225786	10.75	177749	14.58
10	THO-CONCRETE-02	62234	7.95	237046	10.75	182153	14.58
11	THO-CONCRETE-03	59477	7.95	226134	10.75	180391	14.58
12	TP2	60533	7.95	231866	10.75	180095	14.58
13	280648	73457	7.95	287321	10.75	205102	14.58
14	MOO-23-00119	80100	7.96	299925	10.75	2.10876e *	14.72
15	MOO-23-00113	61083	7.96	227044	10.76	165371	14.59

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG NO.: BG040524

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BG060788.D Time Analyzed: 10:12

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	53659	7.955	235813	10.76	188771	14.59
	UPPER LIMIT	107318	8.455	471626	11.258	377542	15.089
	LOWER LIMIT	26829.5	7.455	117906.5	10.258	94385.5	14.089
	EPA SAMPLE NO.						
01	PB159944TB	44279	7.96	181071	10.76	149203	14.59
02	SOIL-2	62014	7.96	228371	10.75	173800	14.59
03	SOIL-3	55620	7.96	207980	10.75	154499	14.58
04	NM-DRUMS-040224MS	55583	7.95	227734	10.76	185169	14.59
05	NM-DRUMS-040224MSD	49636	7.96	206925	10.75	174908	14.58
06	TP1	56845	7.96	214291	10.75	167843	14.58
07	TP1MS	60065	7.96	246977	10.75	192165	14.58
08	TP1MSD	65726	7.95	258408	10.75	200607	14.58
09	THO-CONCRETE-01	59694	7.95	225786	10.75	177749	14.58
10	THO-CONCRETE-02	62234	7.95	237046	10.75	182153	14.58
11	THO-CONCRETE-03	59477	7.95	226134	10.75	180391	14.58
12	TP2	60533	7.95	231866	10.75	180095	14.58
13	280648	73457	7.95	287321	10.75	205102	14.58
14	MOO-23-00119	80100	7.96	299925	10.75	2.10876e *	14.72
15	MOO-23-00113	61083	7.96	227044	10.76	165371	14.59

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG NO.: BG040524

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 10:12

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	416987	17.339	381473	21.604	450367	24.748
	UPPER LIMIT	833974	17.839	762946	22.104	900734	25.248
	LOWER LIMIT	208493.5	16.839	190736.5	21.104	225183.5	24.248
	EPA SAMPLE NO.						
01	PB159944TB	412267	17.34	442302	21.60	501080	24.74
02	SOIL-2	442178	17.33	433950	21.59	405752	24.74
03	SOIL-3	400974	17.33	418725	21.59	476384	24.74
04	NM-DRUMS-040224MS	459831	17.33	422946	21.60	505826	24.74
05	NM-DRUMS-040224MSD	437598	17.33	407032	21.60	476723	24.74
06	TP1	421193	17.33	396967	21.59	475912	24.74
07	TP1MS	458734	17.33	415914	21.60	497791	24.74
08	TP1MSD	468783	17.33	434277	21.60	510078	24.73
09	THO-CONCRETE-01	435780	17.33	420619	21.59	494676	24.73
10	THO-CONCRETE-02	447341	17.33	422711	21.59	498702	24.73
11	THO-CONCRETE-03	443424	17.33	428776	21.59	500469	24.73
12	TP2	443642	17.33	421608	21.59	495721	24.73
13	280648	417310	17.34	406268	21.60	492382	24.73
14	MOO-23-00119	283373	17.40	284093	21.64	386726	24.76
15	MOO-23-00113	351331	17.34	274965	21.61	368179	24.77

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG NO.: BG040524

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 19:47

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	416987	17.339	381473	21.604	450367	24.748
UPPER LIMIT	833974	17.839	762946	22.104	900734	25.248
LOWER LIMIT	208493.5	16.839	190736.5	21.104	225183.5	24.248
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG NO.: BG040524

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BG060788.D Time Analyzed: 10:12

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	473836	17.339	426754	21.604	494960	24.748
	UPPER LIMIT	947672	17.839	853508	22.104	989920	25.248
	LOWER LIMIT	236918	16.839	213377	21.104	247480	24.248
	EPA SAMPLE NO.						
01	PB159944TB	412267	17.34	442302	21.60	501080	24.74
02	SOIL-2	442178	17.33	433950	21.59	405752	24.74
03	SOIL-3	400974	17.33	418725	21.59	476384	24.74
04	NM-DRUMS-040224MS	459831	17.33	422946	21.60	505826	24.74
05	NM-DRUMS-040224MSD	437598	17.33	407032	21.60	476723	24.74
06	TP1	421193	17.33	396967	21.59	475912	24.74
07	TP1MS	458734	17.33	415914	21.60	497791	24.74
08	TP1MSD	468783	17.33	434277	21.60	510078	24.73
09	THO-CONCRETE-01	435780	17.33	420619	21.59	494676	24.73
10	THO-CONCRETE-02	447341	17.33	422711	21.59	498702	24.73
11	THO-CONCRETE-03	443424	17.33	428776	21.59	500469	24.73
12	TP2	443642	17.33	421608	21.59	495721	24.73
13	280648	417310	17.34	406268	21.60	492382	24.73
14	MOO-23-00119	283373	17.40	284093	21.64	386726	24.76
15	MOO-23-00113	351331	17.34	274965	21.61	368179	24.77

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040524 SAS No.: BG040524 SDG NO.: BG040524

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BG060788.D Time Analyzed: 19:47

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	473836	17.339	426754	21.604	494960	24.748
UPPER LIMIT	947672	17.839	853508	22.104	989920	25.248
LOWER LIMIT	236918	16.839	213377	21.104	247480	24.248
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159944TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040524

SAS No.: BG040524 SDG NO.: BG040524

Lab File ID: BG060789.D

Lab Sample ID: PB159944TB

Instrument ID: BNA_G

Date Extracted: 04/04/2024

Matrix: (soil/water) water

Date Analyzed: 04/05/2024

Level: (low/med) LOW

Time Analyzed: 10:12

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159944TB	PB159944TB	BG060789.D	04/05/2024
SOIL-2	P1974-06	BG060790.D	04/05/2024
SOIL-3	P1974-09	BG060791.D	04/05/2024
NM-DRUMS-040224MS	P1957-02MS	BG060792.D	04/05/2024
NM-DRUMS-040224MSD	P1957-02MSD	BG060793.D	04/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040524

SAS No.: BG040524 SDG NO.: BG040524

Lab File ID: BG060794.D

Lab Sample ID: P1996-01

Instrument ID: BNA_G

Date Extracted: 04/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/05/2024

Level: (low/med) LOW

Time Analyzed: 13:40

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP1	P1996-01	BG060794.D	04/05/2024
TP1MS	P1996-01MS	BG060795.D	04/05/2024
TP1MSD	P1996-01MSD	BG060796.D	04/05/2024
THO-CONCRETE-01	P1999-01	BG060797.D	04/05/2024
THO-CONCRETE-02	P1999-02	BG060798.D	04/05/2024
THO-CONCRETE-03	P1999-03	BG060799.D	04/05/2024
TP2	P1996-04	BG060800.D	04/05/2024
280648	P1995-01	BG060801.D	04/05/2024
MOO-23-00119	P1995-03	BG060802.D	04/05/2024
MOO-23-00113	P1995-05	BG060803.D	04/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P1957-02MS		Client Sample ID: NM-DRUMS-040224MS		DataFile: BG060792.D							
n-Nitrosodimethylamine	500		390	ug/L	78				10	130	
Pyridine	500		260	ug/L	52				10	109	
Benzaldehyde	500		47.3	ug/L	9	*			10	137	
Aniline	500		150	ug/L	30				10	130	
Phenol	500		360	ug/L	72				10	130	
bis(2-Chloroethyl)ether	500		340	ug/L	68				29	141	
2-Chlorophenol	500		390	ug/L	78				23	127	
1,2-Dichlorobenzene	500		380	ug/L	76				61	114	
1,3-Dichlorobenzene	500		380	ug/L	76				65	106	
1,4-Dichlorobenzene	500		390	ug/L	78				55	125	
Benzyl Alcohol	500		380	ug/L	76				31	94	
2-Methylphenol	500		350	ug/L	70				23	132	
2,2-oxybis(1-Chloropropane)	500		360	ug/L	72				36	141	
Acetophenone	500		380	ug/L	76				31	164	
3+4-Methylphenols	500		350	ug/L	70				17	136	
N-Nitroso-di-n-propylamine	500		330	ug/L	66				36	147	
Hexachloroethane	500		390	ug/L	78				35	137	
Nitrobenzene	500		410	ug/L	82				40	134	
Isophorone	500		370	ug/L	74				39	146	
2-Nitrophenol	500		490	ug/L	98				30	148	
2,4-Dimethylphenol	500		310	ug/L	62				17	143	
bis(2-Chloroethoxy)methane	500		360	ug/L	72				39	143	
2,4-Dichlorophenol	500		450	ug/L	90				22	146	
1,2,4-Trichlorobenzene	500		410	ug/L	82				66	110	
Benzoic acid	500		460	ug/L	92				10	101	
Naphthalene	500		380	ug/L	76				17	157	
4-Chloroaniline	500		38.8	ug/L	8	*			10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		370	ug/L	74				10	130	
4-Chloro-3-methylphenol	500		440	ug/L	88				17	148	
2-Methylnaphthalene	500		370	ug/L	74				38	146	
Hexachlorocyclopentadiene	1000		790	ug/L	79				20	153	
2,4,6-Trichlorophenol	500		440	ug/L	88				46	139	
2,4,5-Trichlorophenol	500		420	ug/L	84				42	129	
1,1-Biphenyl	500		370	ug/L	74				38	154	
2-Chloronaphthalene	500		390	ug/L	78				41	145	
2-Nitroaniline	500		470	ug/L	94				39	151	
Dimethylphthalate	500		390	ug/L	78				42	147	
Acenaphthylene	500		410	ug/L	82				40	141	
2,6-Dinitrotoluene	500		450	ug/L	90				43	148	
3-Nitroaniline	500		130	ug/L	26				10	111	
Acenaphthene	500		440	ug/L	88				37	146	
Total PAH	8000		6460	ug/L	81				37	146	
2,4-Dinitrophenol	1000		1300	ug/L	130				14	167	
4-Nitrophenol	1000		920	ug/L	92				10	130	
Dibenzofuran	500		400	ug/L	80				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		510	ug/L	102				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		960	ug/L	96				40	151	
Diethylphthalate	500		390	ug/L	78				41	148	
4-Chlorophenyl-phenylether	500		400	ug/L	80				38	149	
Fluorene	500		400	ug/L	80				39	144	
4-Nitroaniline	500		440	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	500		510	ug/L	102				32	175	
N-Nitrosodiphenylamine	500		380	ug/L	76				40	150	
Azobenzene	500		390	ug/L	78				72	112	
4-Bromophenyl-phenylether	500		420	ug/L	84				42	151	
Hexachlorobenzene	500		430	ug/L	86				60	129	
Atrazine	500		340	ug/L	68				20	162	
Pentachlorophenol	1000		920	ug/L	92				15	137	
Phenanthrene	500		390	ug/L	78				40	147	
Anthracene	500		390	ug/L	78				41	146	
Carbazole	500		390	ug/L	78				37	154	
Di-n-butylphthalate	500		380	ug/L	76				40	151	
Fluoranthene	500		400	ug/L	80				42	146	
Benzidine	1000		58.6	ug/L	6	*			10	130	
Pyrene	500		400	ug/L	80				41	149	
Butylbenzylphthalate	500		430	ug/L	86				39	155	
3,3-Dichlorobenzidine	500		140	ug/L	28				10	114	
Benzo(a)anthracene	500		410	ug/L	82				41	147	
Chrysene	500		410	ug/L	82				44	144	
bis(2-Ethylhexyl)phthalate	500		390	ug/L	78				33	160	
Di-n-octyl phthalate	500		420	ug/L	84				36	158	
Benzo(b)fluoranthene	500		410	ug/L	82				40	150	
Benzo(k)fluoranthene	500		410	ug/L	82				40	147	
Benzo(a)pyrene	500		400	ug/L	80				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		400	ug/L	80				23	172	
Benzo(g,h,i)perylene	500		390	ug/L	78				27	167	
1,2,4,5-Tetrachlorobenzene	500		400	ug/L	80	*			89	102	
1,4-Dioxane	500		340	ug/L	68				38	130	
2,3,4,6-Tetrachlorophenol	500		480	ug/L	96				91	111	
1-Methylnaphthalene	500		370	ug/L	74				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P1957-02MSD		Client Sample ID: NM-DRUMS-040224MSD		DataFile: BG060793.D							
n-Nitrosodimethylamine	500		390	ug/L	78		0		10	130	20
Pyridine	500		250	ug/L	50		4		10	109	20
Benzaldehyde	500		52.8	ug/L	11		20		10	137	20
Aniline	500		170	ug/L	34		13		10	130	20
Phenol	500		370	ug/L	74		3		10	130	20
bis(2-Chloroethyl)ether	500		340	ug/L	68		0		29	141	20
2-Chlorophenol	500		410	ug/L	82		5		23	127	20
1,2-Dichlorobenzene	500		380	ug/L	76		0		61	114	20
1,3-Dichlorobenzene	500		390	ug/L	78		3		65	106	20
1,4-Dichlorobenzene	500		390	ug/L	78		0		55	125	20
Benzyl Alcohol	500		400	ug/L	80		5		31	94	20
2-Methylphenol	500		360	ug/L	72		3		23	132	20
2,2-oxybis(1-Chloropropane)	500		360	ug/L	72		0		36	141	20
Acetophenone	500		400	ug/L	80		5		31	164	20
3+4-Methylphenols	500		370	ug/L	74		6		17	136	20
N-Nitroso-di-n-propylamine	500		350	ug/L	70		6		36	147	20
Hexachloroethane	500		390	ug/L	78		0		35	137	20
Nitrobenzene	500		410	ug/L	82		0		40	134	20
Isophorone	500		390	ug/L	78		5		39	146	20
2-Nitrophenol	500		500	ug/L	100		2		30	148	20
2,4-Dimethylphenol	500		340	ug/L	68		9		17	143	20
bis(2-Chloroethoxy)methane	500		370	ug/L	74		3		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		6		22	146	20
1,2,4-Trichlorobenzene	500		420	ug/L	84		2		66	110	20
Benzoic acid	500		470	ug/L	94		2		10	101	20
Naphthalene	500		390	ug/L	78		3		17	157	20
4-Chloroaniline	500		45.9	ug/L	9	*	12		10	95	20
Hexachlorobutadiene	500		420	ug/L	84		2		52	125	20
Caprolactam	500		390	ug/L	78		5		10	130	20
4-Chloro-3-methylphenol	500		460	ug/L	92		4		17	148	20
2-Methylnaphthalene	500		390	ug/L	78		5		38	146	20
Hexachlorocyclopentadiene	1000		770	ug/L	77		3		20	153	20
2,4,6-Trichlorophenol	500		460	ug/L	92		4		46	139	20
2,4,5-Trichlorophenol	500		430	ug/L	86		2		42	129	20
1,1-Biphenyl	500		390	ug/L	78		5		38	154	20
2-Chloronaphthalene	500		400	ug/L	80		3		41	145	20
2-Nitroaniline	500		490	ug/L	98		4		39	151	20
Dimethylphthalate	500		400	ug/L	80		3		42	147	20
Acenaphthylene	500		420	ug/L	84		2		40	141	20
2,6-Dinitrotoluene	500		460	ug/L	92		2		43	148	20
3-Nitroaniline	500		150	ug/L	30		14		10	111	20
Acenaphthene	500		460	ug/L	92		4		37	146	20
Total PAH	8000		6620	ug/L	83		2		37	146	20
2,4-Dinitrophenol	1000		1400	ug/L	140		7		14	167	20
4-Nitrophenol	1000		940	ug/L	94		2		10	130	20
Dibenzofuran	500		400	ug/L	80		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		520	ug/L	104		2		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		980	ug/L	98		2		40	151	20
Diethylphthalate	500		400	ug/L	80		3		41	148	20
4-Chlorophenyl-phenylether	500		420	ug/L	84		5		38	149	20
Fluorene	500		420	ug/L	84		5		39	144	20
4-Nitroaniline	500		460	ug/L	92		4		27	138	20
4,6-Dinitro-2-methylphenol	500		530	ug/L	106		4		32	175	20
N-Nitrosodiphenylamine	500		390	ug/L	78		3		40	150	20
Azobenzene	500		390	ug/L	78		0		72	112	20
4-Bromophenyl-phenylether	500		430	ug/L	86		2		42	151	20
Hexachlorobenzene	500		450	ug/L	90		5		60	129	20
Atrazine	500		350	ug/L	70		3		20	162	20
Pentachlorophenol	1000		920	ug/L	92		0		15	137	20
Phenanthrene	500		400	ug/L	80		3		40	147	20
Anthracene	500		400	ug/L	80		3		41	146	20
Carbazole	500		400	ug/L	80		3		37	154	20
Di-n-butylphthalate	500		390	ug/L	78		3		40	151	20
Fluoranthene	500		400	ug/L	80		0		42	146	20
Benzidine	1000		57.6	ug/L	6	*	0		10	130	20
Pyrene	500		410	ug/L	82		2		41	149	20
Butylbenzylphthalate	500		430	ug/L	86		0		39	155	20
3,3-Dichlorobenzidine	500		170	ug/L	34		19		10	114	20
Benzo(a)anthracene	500		410	ug/L	82		0		41	147	20
Chrysene	500		410	ug/L	82		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		400	ug/L	80		3		33	160	20
Di-n-octyl phthalate	500		430	ug/L	86		2		36	158	20
Benzo(b)fluoranthene	500		430	ug/L	86		5		40	150	20
Benzo(k)fluoranthene	500		410	ug/L	82		0		40	147	20
Benzo(a)pyrene	500		410	ug/L	82		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86		2		30	166	20
Dibenz(a,h)anthracene	500		420	ug/L	84		5		23	172	20
Benzo(g,h,i)perylene	500		400	ug/L	80		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		390	ug/L	78	*	3		89	102	20
1,4-Dioxane	500		320	ug/L	64		6		38	130	20
2,3,4,6-Tetrachlorophenol	500		490	ug/L	98		2		91	111	20
1-Methylnaphthalene	500		380	ug/L	76		3		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1996-01MS	Client Sample ID:	TP1MS					DataFile:	BG060795.D		
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		820	ug/Kg	75				45	119	
Benzaldehyde	1100		160	ug/Kg	15	*			26	163	
Aniline	1100		470	ug/Kg	43				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		900	ug/Kg	82				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		980	ug/Kg	89				47	126	
2-Methylphenol	1100		950	ug/Kg	86				66	122	
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		960	ug/Kg	87				53	132	
N-Nitroso-di-n-propylamine	1100		870	ug/Kg	79				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		950	ug/Kg	86				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		820	ug/Kg	75	*			83	144	
bis(2-Chloroethoxy)methane	1100		940	ug/Kg	85				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		1300	ug/Kg	118	*			50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		290	ug/Kg	26				10	100	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		980	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	2200		2300	ug/Kg	105				10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		990	ug/Kg	90				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1200	ug/Kg	109				70	125	
3-Nitroaniline	1100		640	ug/Kg	58				20	111	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		17000	ug/Kg	97				70	121	
2,4-Dinitrophenol	2200		3700	ug/Kg	168	*			16	160	
4-Nitrophenol	2200		2600	ug/Kg	118				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2500	ug/Kg	114				55	128	
2,4-Dinitrotoluene	1100		1300	ug/Kg	118				55	128	
Diethylphthalate	1100		990	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1200	ug/Kg	109				55	120	
4,6-Dinitro-2-methylphenol	1100		1400	ug/Kg	127				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		1000	ug/Kg	91				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1200	ug/Kg	109				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2200		2400	ug/Kg	109				47	128	
Phenanthrene	1100		1000	ug/Kg	91				72	113	
Anthracene	1100		1000	ug/Kg	91				62	124	
Carbazole	1100		1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100		1000	ug/Kg	91				59	125	
Benzydine	2200		1000	ug/Kg	45				10	119	
Pyrene	1100		1000	ug/Kg	91				52	128	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		800	ug/Kg	73				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91				66	127	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				74	114	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	1100		1000	ug/Kg	91				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		920	ug/Kg	84				46	112	
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118				56	133	
1-Methylnaphthalene	1100		970	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1996-01MSD	Client Sample ID:	TP1MSD					DataFile:	BG060796.D		
n-Nitrosodimethylamine	1100		950	ug/Kg	86		15		66	124	20
Pyridine	1100		720	ug/Kg	65		14		45	119	20
Benzaldehyde	1100		150	ug/Kg	14	*	7		26	163	20
Aniline	1100		440	ug/Kg	40		7		10	88	20
Phenol	1100		940	ug/Kg	85		16		67	126	20
bis(2-Chloroethyl)ether	1100		790	ug/Kg	72	*	13		74	116	20
2-Chlorophenol	1100		940	ug/Kg	85		16		61	138	20
1,2-Dichlorobenzene	1100		920	ug/Kg	84		17		61	105	20
1,3-Dichlorobenzene	1100		940	ug/Kg	85		16		62	101	20
1,4-Dichlorobenzene	1100		930	ug/Kg	85		16		63	104	20
Benzyl Alcohol	1100		870	ug/Kg	79		12		47	126	20
2-Methylphenol	1100		820	ug/Kg	75		14		66	122	20
2,2-oxybis(1-Chloropropane)	1100		850	ug/Kg	77		11		52	115	20
Acetophenone	1100		910	ug/Kg	83		9		75	111	20
3+4-Methylphenols	1100		820	ug/Kg	75		15		53	132	20
N-Nitroso-di-n-propylamine	1100		760	ug/Kg	69		14		59	119	20
Hexachloroethane	1100		940	ug/Kg	85		16		65	117	20
Nitrobenzene	1100		980	ug/Kg	89		12		70	119	20
Isophorone	1100		860	ug/Kg	78		10		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		8		54	145	20
2,4-Dimethylphenol	1100		760	ug/Kg	69	*	8		83	144	20
bis(2-Chloroethoxy)methane	1100		850	ug/Kg	77		10		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		9		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		9		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		17		50	104	20
Naphthalene	1100		910	ug/Kg	83		9		72	110	20
4-Chloroaniline	1100		290	ug/Kg	26		0		10	100	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		9		66	114	20
Caprolactam	1100		930	ug/Kg	85		16		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		12		57	132	20
2-Methylnaphthalene	1100		880	ug/Kg	80		11		59	123	20
Hexachlorocyclopentadiene	2200		2100	ug/Kg	95		10		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		9		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		9		72	117	20
1,1-Biphenyl	1100		910	ug/Kg	83		9		75	113	20
2-Chloronaphthalene	1100		940	ug/Kg	85		16		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		9		69	127	20
Dimethylphthalate	1100		870	ug/Kg	79		13		70	113	20
Acenaphthylene	1100		970	ug/Kg	88		13		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		18		70	125	20
3-Nitroaniline	1100		580	ug/Kg	53		9		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		18		70	121	20
Total PAH	17600		15070	ug/Kg	86		12		70	121	20
2,4-Dinitrophenol	2200		3200	ug/Kg	145		15		16	160	20
4-Nitrophenol	2200		2200	ug/Kg	100		17		45	133	20
Dibenzofuran	1100		910	ug/Kg	83		9		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		18		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		17		55	128	20
Diethylphthalate	1100		860	ug/Kg	78		14		70	112	20
4-Chlorophenyl-phenylether	1100		920	ug/Kg	84		8		71	108	20
Fluorene	1100		910	ug/Kg	83		19		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		18		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		7		32	145	20
N-Nitrosodiphenylamine	1100		920	ug/Kg	84		8		73	118	20
Azobenzene	1100		870	ug/Kg	79		14		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		18		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		18		67	118	20
Atrazine	1100		1000	ug/Kg	91		9		79	127	20
Pentachlorophenol	2200		2200	ug/Kg	100		9		47	128	20
Phenanthrene	1100		920	ug/Kg	84		8		72	113	20
Anthracene	1100		930	ug/Kg	85		7		62	124	20
Carbazole	1100		920	ug/Kg	84		8		59	119	20
Di-n-butylphthalate	1100		890	ug/Kg	81		12		69	118	20
Fluoranthene	1100		910	ug/Kg	83		9		59	125	20
Benzydine	2200		900	ug/Kg	41		9		10	119	20
Pyrene	1100		910	ug/Kg	83		9		52	128	20
Butylbenzylphthalate	1100		980	ug/Kg	89		12		64	126	20
3,3-Dichlorobenzidine	1100		690	ug/Kg	63		15		10	164	20
Benzo(a)anthracene	1100		940	ug/Kg	85		16		71	114	20
Chrysene	1100		930	ug/Kg	85		16		57	121	20
bis(2-Ethylhexyl)phthalate	1100		910	ug/Kg	83		9		66	127	20
Di-n-octyl phthalate	1100		980	ug/Kg	89		12		71	126	20
Benzo(b)fluoranthene	1100		990	ug/Kg	90		11		67	121	20
Benzo(k)fluoranthene	1100		930	ug/Kg	85		7		74	114	20
Benzo(a)pyrene	1100		940	ug/Kg	85		16		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91		9		61	125	20
Dibenz(a,h)anthracene	1100		960	ug/Kg	87		14		67	130	20
Benzo(g,h,i)perylene	1100		920	ug/Kg	84		8		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		990	ug/Kg	90		11		69	124	20
1,4-Dioxane	1100		800	ug/Kg	73		14		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		17		56	133	20
1-Methylnaphthalene	1100		860	ug/Kg	78		12		70	130	20

Surrogate Summary

SW-846

SDG No.: **BG040524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1957-02MS	NM-DRUMS-0402;BG060792.D		2-Fluorophenol	150	113.30	76		10	139
			Phenol-d6	150	101.76	68		10	134
			Nitrobenzene-d5	100	91.49	91		49	133
			2-Fluorobiphenyl	100	72.84	73		52	132
			2,4,6-Tribromophenol	150	157.26	105		32	145
			Terphenyl-d14	100	76.48	76		36	145
P1957-02MSD	NM-DRUMS-0402;BG060793.D		2-Fluorophenol	150	113.03	75		10	139
			Phenol-d6	150	105.52	70		10	134
			Nitrobenzene-d5	100	93.90	94		49	133
			2-Fluorobiphenyl	100	74.82	75		52	132
			2,4,6-Tribromophenol	150	162.12	108		32	145
			Terphenyl-d14	100	76.66	77		36	145
P1974-06	SOIL-2	BG060790.D	2-Fluorophenol	150	124.71	83		10	139
			Phenol-d6	150	101.59	68		10	134
			Nitrobenzene-d5	100	111.94	112		49	133
			2-Fluorobiphenyl	100	87.30	87		52	132
			2,4,6-Tribromophenol	150	183.40	122		32	145
			Terphenyl-d14	100	87.22	87		36	145
P1974-09	SOIL-3	BG060791.D	2-Fluorophenol	150	127.76	85		10	139
			Phenol-d6	150	105.49	70		10	134
			Nitrobenzene-d5	100	109.83	110		49	133
			2-Fluorobiphenyl	100	88.43	88		52	132
			2,4,6-Tribromophenol	150	193.07	129		32	145
			Terphenyl-d14	100	87.10	87		36	145
PB159944TB	PB159944TB	BG060789.D	2-Fluorophenol	150	69.56	46		10	139
			Phenol-d6	150	66.21	44		10	134
			Nitrobenzene-d5	100	48.20	48	*	49	133
			2-Fluorobiphenyl	100	42.39	42	*	52	132
			2,4,6-Tribromophenol	150	90.75	61		32	145
			Terphenyl-d14	100	44.63	45		36	145

Surrogate Summary

SW-846

SDG No.: **BG040524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1995-01	280648	BG060801.D	2-Fluorophenol	150	86.55	58		18	112
			Phenol-d6	150	79.67	53		15	107
			Nitrobenzene-d5	100	68.06	68		18	107
			2-Fluorobiphenyl	100	51.45	51		20	109
			2,4,6-Tribromophenol	150	105.08	70		10	110
			Terphenyl-d14	100	47.67	48		14	112
P1995-03	MOO-23-00119	BG060802.D	2-Fluorophenol	150	68.48	46		18	112
			Phenol-d6	150	65.05	43		15	107
			Nitrobenzene-d5	100	58.33	58		18	107
			2-Fluorobiphenyl	100	4.71	5	*	20	109
			2,4,6-Tribromophenol	150	6.94	5	*	10	110
			Terphenyl-d14	100	53.62	54		14	112
P1995-05	MOO-23-00113	BG060803.D	2-Fluorophenol	150	62.17	41		18	112
			Phenol-d6	150	59.58	40		15	107
			Nitrobenzene-d5	100	65.91	66		18	107
			2-Fluorobiphenyl	100	50.64	51		20	109
			2,4,6-Tribromophenol	150	83.12	55		10	110
			Terphenyl-d14	100	52.81	53		14	112
P1996-01	TP1	BG060794.D	2-Fluorophenol	150	97.65	65		18	112
			Phenol-d6	150	92.78	62		15	107
			Nitrobenzene-d5	100	77.73	78		18	107
			2-Fluorobiphenyl	100	62.43	62		20	109
			2,4,6-Tribromophenol	150	139.20	93		10	110
			Terphenyl-d14	100	64.59	65		14	112
P1996-01MS	TP1MS	BG060795.D	2-Fluorophenol	150	96.32	64		18	112
			Phenol-d6	150	94.58	63		15	107
			Nitrobenzene-d5	100	72.90	73		18	107
			2-Fluorobiphenyl	100	59.27	59		20	109
			2,4,6-Tribromophenol	150	128.41	86		10	110
			Terphenyl-d14	100	60.31	60		14	112
P1996-01MSD	TP1MSD	BG060796.D	2-Fluorophenol	150	85.02	57		18	112
			Phenol-d6	150	82.19	55		15	107
			Nitrobenzene-d5	100	66.53	67		18	107
			2-Fluorobiphenyl	100	53.15	53		20	109
			2,4,6-Tribromophenol	150	111.07	74		10	110
			Terphenyl-d14	100	52.94	53		14	112
P1996-04	TP2	BG060800.D	2-Fluorophenol	150	77.78	52		18	112
			Phenol-d6	150	70.72	47		15	107
			Nitrobenzene-d5	100	60.92	61		18	107
			2-Fluorobiphenyl	100	50.45	50		20	109
			2,4,6-Tribromophenol	150	106.13	71		10	110
			Terphenyl-d14	100	51.86	52		14	112
P1999-01	THO-CONCRETE- BG060797.D		2-Fluorophenol	150	27.61	18		18	112
			Phenol-d6	150	49.06	33		15	107
			Nitrobenzene-d5	100	59.44	59		18	107
			2-Fluorobiphenyl	100	48.93	49		20	109
			2,4,6-Tribromophenol	150	16.99	11		10	110
			Terphenyl-d14	100	53.90	54		14	112
P1999-02	THO-CONCRETE- BG060798.D		2-Fluorophenol	150	61.94	41		18	112

Surrogate Summary

SW-846

SDG No.: BG040524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1999-02	THO-CONCRETE-BG060798.D		Phenol-d6	150	71.61	48		15	107
			Nitrobenzene-d5	100	68.33	68		18	107
			2-Fluorobiphenyl	100	57.14	57		20	109
			2,4,6-Tribromophenol	150	61.53	41		10	110
			Terphenyl-d14	100	61.02	61		14	112
P1999-03	THO-CONCRETE-BG060799.D		2-Fluorophenol	150	55.13	37		18	112
			Phenol-d6	150	63.95	43		15	107
			Nitrobenzene-d5	100	65.71	66		18	107
			2-Fluorobiphenyl	100	54.19	54		20	109
			2,4,6-Tribromophenol	150	54.46	36		10	110
			Terphenyl-d14	100	58.20	58		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG040524

Lab Code: CHEM

SAS No.: BG040524

SDG NO.: BG040524

Lab File ID: BG060787.D

DFTPP Injection Date: 04/05/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.4
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	32
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	95
443	15.0 - 24.0% of mass 442	18.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG060788.D	04/05/2024	09:32
PB159944TB	PB159944TB	BG060789.D	04/05/2024	10:12
SOIL-2	P1974-06	BG060790.D	04/05/2024	10:58
SOIL-3	P1974-09	BG060791.D	04/05/2024	11:38
NM-DRUMS-040224MS	P1957-02MS	BG060792.D	04/05/2024	12:19
NM-DRUMS-040224MSD	P1957-02MSD	BG060793.D	04/05/2024	12:59
TP1	P1996-01	BG060794.D	04/05/2024	13:40
TP1MS	P1996-01MS	BG060795.D	04/05/2024	14:20
TP1MSD	P1996-01MSD	BG060796.D	04/05/2024	15:01
THO-CONCRETE-01	P1999-01	BG060797.D	04/05/2024	15:42
THO-CONCRETE-02	P1999-02	BG060798.D	04/05/2024	16:23
THO-CONCRETE-03	P1999-03	BG060799.D	04/05/2024	17:04
TP2	P1996-04	BG060800.D	04/05/2024	17:45
280648	P1995-01	BG060801.D	04/05/2024	18:25
MOO-23-00119	P1995-03	BG060802.D	04/05/2024	19:06
MOO-23-00113	P1995-05	BG060803.D	04/05/2024	19:47