

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP061324 SAS No.: BP061324 SDG No.: BP061324

Instrument ID: BNA_P Calibration Date/Time: 6/13/2024 1:12:51

Lab File ID: BP020610.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	0.616	0.560		-9.091	
Pyridine	1.269	1.234		-2.758	
2-Fluorophenol	1.117	1.213		8.594	
Benzaldehyde	1.010	0.890		-11.881	
Aniline	1.596	1.430		-10.401	
Phenol-d6	1.575	1.514		-3.873	
Phenol	1.614	1.521		-5.762	20.0
bis(2-Chloroethyl)ether	1.331	1.237		-7.062	
2-Chlorophenol	1.252	1.293		3.275	
1,2-Dichlorobenzene	1.447	1.464		1.175	
1,3-Dichlorobenzene	1.475	1.539		4.339	
1,4-Dichlorobenzene	1.499	1.560		4.069	20.0
Benzyl Alcohol	1.164	1.006		-13.574	
2-Methylphenol	1.095	1.026		-6.301	
2,2-oxybis(1-Chloropropane)	1.987	1.613		-18.822	
Acetophenone	0.496	0.500		0.806	
3+4-Methylphenols	1.489	1.378		-7.455	
n-Nitroso-di-n-propylamine	1.075	0.900	0.050	-16.279	
Nitrobenzene-d5	0.365	0.389		6.575	
Hexachloroethane	0.548	0.567		3.467	
Nitrobenzene	0.371	0.383		3.235	
Isophorone	0.710	0.650		-8.451	
2-Nitrophenol	0.128	0.183		42.969	20.0
2,4-Dimethylphenol	0.214	0.213		-0.467	
bis(2-Chloroethoxy)methane	0.436	0.415		-4.817	
2,4-Dichlorophenol	0.288	0.314		9.028	20.0
1,2,4-Trichlorobenzene	0.342	0.379		10.819	
Benzoic acid	0.181	0.225		24.309	
Naphthalene	1.022	1.062		3.914	
4-Chloroaniline	0.396	0.367		-7.323	
Hexachlorobutadiene	0.215	0.250		16.279	20.0
Caprolactam	0.105	0.109		3.81	
4-Chloro-3-methylphenol	0.337	0.317		-5.935	20.0
2-Methylnaphthalene	0.733	0.702		-4.229	
Hexachlorocyclopentadiene	0.203	0.275	0.050	35.468	
2,4,6-Trichlorophenol	0.350	0.418		19.429	20.0
2-Fluorobiphenyl	1.342	1.469		9.463	
2,4,5-Trichlorophenol	0.404	0.461		14.109	
1,1-Biphenyl	1.411	1.489		5.528	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP061324 SAS No.: BP061324 SDG No.: BP061324

Instrument ID: BNA_P Calibration Date/Time: 6/13/2024 1:12:51

Lab File ID: BP020610.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	1.122	1.207		7.576	
2-Nitroaniline	0.304	0.329		8.224	
Dimethylphthalate	1.410	1.389		-1.489	
Acenaphthylene	1.665	1.703		2.282	
2,6-Dinitrotoluene	0.301	0.321		6.645	
3-Nitroaniline	0.302	0.305		0.993	
Acenaphthene	1.050	1.043		-0.667	20.0
2,4-Dinitrophenol	0.104	0.159	0.050	52.885	
4-Nitrophenol	0.234	0.252	0.050	7.692	
Dibenzofuran	1.664	1.669		0.3	
2,4-Dinitrotoluene	0.396	0.429		8.333	
Diethylphthalate	1.433	1.373		-4.187	
4-Chlorophenyl-phenylether	0.689	0.700		1.597	
Fluorene	1.336	1.323		-0.973	
4-Nitroaniline	0.311	0.321		3.215	
4,6-Dinitro-2-methylphenol	0.078	0.121		55.128	
n-Nitrosodiphenylamine	0.550	0.596		8.364	20.0
Azobenzene	1.338	1.219		-8.894	
2,4,6-Tribromophenol	0.208	0.263		26.442	
4-Bromophenyl-phenylether	0.205	0.231		12.683	
Hexachlorobenzene	0.241	0.267		10.788	
Atrazine	0.193	0.194		0.518	
Pentachlorophenol	0.146	0.180		23.288	20.0
Phenanthrene	0.983	1.015		3.255	
Anthracene	0.965	1.016		5.285	
Carbazole	0.933	0.971		4.073	
Di-n-butylphthalate	1.130	1.191		5.398	
Fluoranthene	1.163	1.279		9.974	20.0
Benzidine	0.610	0.262		-57.049	
Pyrene	1.504	1.360		-9.574	
Terphenyl-d14	1.201	1.113		-7.327	
Butylbenzylphthalate	0.549	0.579		5.464	
3,3-Dichlorobenzidine	0.391	0.474		21.228	
Benzo(a)anthracene	1.317	1.358		3.113	
Chrysene	1.241	1.287		3.707	
Bis(2-ethylhexyl)phthalate	0.856	0.849		-0.818	
Di-n-octyl phthalate	1.244	1.539		23.714	20.0
Benzo(b)fluoranthene	1.246	1.181		-5.217	
Benzo(k)fluoranthene	1.215	1.140		-6.173	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP061324 SAS No.: BP061324 SDG No.: BP061324
Instrument ID: BNA_P Calibration Date/Time: 6/13/2024 12:51
Lab File ID: BP020610.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	1.032	1.046		1.357	20.0
Indeno(1,2,3-cd)pyrene	1.216	1.417		16.53	
Dibenzo(a,h)anthracene	1.014	1.175		15.878	
Benzo(g,h,i)perylene	1.014	1.179		16.272	
1,2,4,5-Tetrachlorobenzene	0.579	0.670		15.717	
1,4-Dioxane	0.451	0.478		5.987	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.374		13.333	
1-Methylnaphthalene	0.726	0.685		-5.647	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	PB161479BL			SDG No.:	BP061324	
Lab Sample ID:	PB161479BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	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
BP020611.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	PB161479BL			SDG No.:	BP061324	
Lab Sample ID:	PB161479BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	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
BP020611.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	PB161479BL	SDG No.:	BP061324
Lab Sample ID:	PB161479BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP020611.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.305		18-112		85	SPK: -150
13127-88-3	Phenol-d6	108.793		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	80.799		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	81.28		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	PB161479BL	SDG No.:	BP061324
Lab Sample ID:	PB161479BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP020611.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.508		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	70.705		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277688	7.716				
1146-65-2	Naphthalene-d8	1024407	10.481				
15067-26-2	Acenaphthene-d10	603109	14.345				
1517-22-2	Phenanthrene-d10	1076458	17.174				
1719-03-5	Chrysene-d12	951596	21.651				
1520-96-3	Perylene-d12	1306086	25.009				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.893	



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	PB161479BS			SDG No.:	BP061324	
Lab Sample ID:	PB161479BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	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
BP020612.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		86.8	270	330	ug/Kg
110-86-1	Pyridine	980		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	920		180	270	330	ug/Kg
62-53-3	Aniline	740		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1300		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1300		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1300		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	PB161479BS	SDG No.:	BP061324
Lab Sample ID:	PB161479BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP020612.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81.1	130	170	ug/Kg
Total PAH	Total PAH	24500		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1300		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	PB161479BS	SDG No.:	BP061324
Lab Sample ID:	PB161479BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP020612.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	380		160	270	330	ug/Kg
129-00-0	Pyrene	1200		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.363		18-112		88	SPK: -150
13127-88-3	Phenol-d6	114.869		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	81.127		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	84.012		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	PB161479BS	SDG No.:	BP061324
Lab Sample ID:	PB161479BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP020612.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.334		10-110		104	SPK: -150
1718-51-0	Terphenyl-d14	74.417		14-112		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252860	7.752				
1146-65-2	Naphthalene-d8	943831	10.528				
15067-26-2	Acenaphthene-d10	549671	14.369				
1517-22-2	Phenanthrene-d10	1084189	17.181				
1719-03-5	Chrysene-d12	1001107	21.627				
1520-96-3	Perylene-d12	1193791	24.992				

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11985	SDG No.:	BP061324
Lab Sample ID:	P2857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020613.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	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	48.3	U	48.3	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	54.4	U	54.4	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	51.4	U	51.4	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	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11985	SDG No.:	BP061324
Lab Sample ID:	P2857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020613.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	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	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	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	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	U	48	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	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11985	SDG No.:	BP061324
Lab Sample ID:	P2857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020613.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	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	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	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	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	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	46.8	U	46.8	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	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	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	109.175		18-112		73	SPK: -150
13127-88-3	Phenol-d6	107.509		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	74.886		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	77.723		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11985	SDG No.:	BP061324
Lab Sample ID:	P2857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020613.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.558		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	71.509		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217082	7.74				
1146-65-2	Naphthalene-d8	850988	10.51				
15067-26-2	Acenaphthene-d10	539354	14.369				
1517-22-2	Phenanthrene-d10	1117836	17.181				
1719-03-5	Chrysene-d12	1032311	21.639				
1520-96-3	Perylene-d12	1198420	24.986				

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BP061324
Lab Sample ID:	P2857-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020614.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	50.1	U	50.1	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	49.7	U	49.7	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	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	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	55.8	U	55.8	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	45.2	U	45.2	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:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BP061324
Lab Sample ID:	P2857-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020614.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	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	44.3	U	44.3	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	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	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	51.6	U	51.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	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	51.2	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:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BP061324
Lab Sample ID:	P2857-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020614.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	49.7	U	49.7	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	47.6	U	47.6	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	88.672		18-112		59	SPK: -150
13127-88-3	Phenol-d6	91.646		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	71.022		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	71.644		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BP061324
Lab Sample ID:	P2857-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BP020614.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.315		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	68.64		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211187	7.752				
1146-65-2	Naphthalene-d8	814100	10.516				
15067-26-2	Acenaphthene-d10	534291	14.375				
1517-22-2	Phenanthrene-d10	1137478	17.181				
1719-03-5	Chrysene-d12	1063693	21.633				
1520-96-3	Perylene-d12	1211332	24.986				

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11989	SDG No.:	BP061324
Lab Sample ID:	P2855-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BP020615.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.1	U	59.1	180	220	ug/Kg
110-86-1	Pyridine	54.4	U	54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66	U	66	88.5	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.6	U	57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.9	U	58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	56.5	U	56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.9	U	61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.5	U	56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.5	120	ug/Kg
78-59-1	Isophorone	57.6	U	57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11989	SDG No.:	BP061324
Lab Sample ID:	P2855-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BP020615.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.1	U	59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	59.5	U	59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	64.7	U	64.7	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.5	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.5	120	ug/Kg
Total PAH	Total PAH	902.5	U	902.5	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.4	U	115.4	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.5	120	ug/Kg
86-73-7	Fluorene	58.2	U	58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.7	U	79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	54.2	U	54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11989	SDG No.:	BP061324
Lab Sample ID:	P2855-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BP020615.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	150		57.2	88.5	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.5	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.4	U	57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	210		55.6	88.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	150		56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.9	U	65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	86.4	J	55	88.5	120	ug/Kg
218-01-9	Chrysene	90.5	J	54.2	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.9	U	74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.9	J	55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	81.3	J	63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.1	U	59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	74.9	U	74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.509		18-112		67	SPK: -150
13127-88-3	Phenol-d6	90.275		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	62.687		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	63.629		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	72-11989	SDG No.:	BP061324
Lab Sample ID:	P2855-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BP020615.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.135		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	59.506		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212385	7.746				
1146-65-2	Naphthalene-d8	829129	10.522				
15067-26-2	Acenaphthene-d10	545151	14.375				
1517-22-2	Phenanthrene-d10	1163433	17.181				
1719-03-5	Chrysene-d12	1068200	21.633				
1520-96-3	Perylene-d12	1245255	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			3.023	
000067-63-0	Isopropyl Alcohol	96.5	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			4.922	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	71.5	J			10.299	
000770-35-4	1-Phenoxypropan-2-ol	82.6	J			11.257	
	unknown	14.598	J			14.598	
000057-10-3	n-Hexadecanoic acid	200	J			18.128	
000057-11-4	Octadecanoic acid	69.7	J			19.457	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			21.322	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061324
Lab Sample ID:	P2864-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020616.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	91	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.8	U	67.8	91	120	ug/Kg
108-95-2	Phenol	58	U	58	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91	120	ug/Kg
95-57-8	2-Chlorophenol	58.4	U	58.4	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2	U	59.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.5	U	60.5	91	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	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.6	U	63.6	91	120	ug/Kg
98-86-2	Acetophenone	60.8	U	60.8	91	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	91	120	ug/Kg
98-95-3	Nitrobenzene	63.5	U	63.5	91	120	ug/Kg
78-59-1	Isophorone	59.2	U	59.2	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.1	U	66.1	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.2	U	65.2	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	60	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.8	U	52.8	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	91	120	ug/Kg
106-47-8	4-Chloroaniline	57.8	U	57.8	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061324
Lab Sample ID:	P2864-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020616.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.7	U	57.7	91	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91	120	ug/Kg
208-96-8	Acenaphthylene	60.5	U	60.5	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.2	U	58.2	91	120	ug/Kg
99-09-2	3-Nitroaniline	62.4	U	62.4	91	120	ug/Kg
83-32-9	Acenaphthene	56.7	U	56.7	91	120	ug/Kg
Total PAH	Total PAH	927.1	U	927.1	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.2	U	81.2	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.3	U	60.3	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.5	U	118.5	91	240	ug/Kg
84-66-2	Diethylphthalate	56	U	56	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.9	U	59.9	91	120	ug/Kg
86-73-7	Fluorene	59.8	U	59.8	91	120	ug/Kg
100-01-6	4-Nitroaniline	74.9	U	74.9	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.9	U	81.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	91	120	ug/Kg
103-33-3	Azobenzene	55.7	U	55.7	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.2	U	55.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061324
Lab Sample ID:	P2864-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020616.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

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	91	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	91	120	ug/Kg
206-44-0	Fluoranthene	57.2	U	57.2	91	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.7	U	67.7	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.5	U	56.5	91	120	ug/Kg
218-01-9	Chrysene	55.6	U	55.6	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.7	U	56.7	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.8	U	57.8	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.6	U	54.6	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.8	U	56.8	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	91	120	ug/Kg
123-91-1	1,4-Dioxane	77	U	77	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.2	U	58.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.638		18-112		81	SPK: -150
13127-88-3	Phenol-d6	113.367		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	76.094		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	76.023		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061324
Lab Sample ID:	P2864-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020616.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.535		10-110		108	SPK: -150
1718-51-0	Terphenyl-d14	68.104		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220557	7.752				
1146-65-2	Naphthalene-d8	861927	10.516				
15067-26-2	Acenaphthene-d10	563014	14.375				
1517-22-2	Phenanthrene-d10	1196240	17.187				
1719-03-5	Chrysene-d12	1091666	21.645				
1520-96-3	Perylene-d12	1244035	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.023	
000057-55-6	Propylene Glycol	120	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			4.922	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	78.6	J			10.299	
000770-35-4	1-Phenoxypropan-2-ol	91.4	J			11.257	
	unknown	14.598	J			14.598	
000057-10-3	n-Hexadecanoic acid	290	J			18.134	
000057-11-4	Octadecanoic acid	140	J			19.457	
001599-67-3	1-Docosene	200	J			21.328	
000112-84-5	13-Docosenamide, (Z)-	150	J			23.251	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061324
Lab Sample ID:	P2864-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020617.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	870		60.8	190	230	ug/Kg
110-86-1	Pyridine	800		56	91.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	500		67.9	91.1	120	ug/Kg
108-95-2	Phenol	1000		58.1	91.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		58.6	91.1	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.5	91.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		59.3	91.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		60.2	91.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		60.6	91.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	1000		56.5	91.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		63.7	91.1	120	ug/Kg
98-86-2	Acetophenone	1000		60.9	91.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	890		28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	1000		58.1	91.1	120	ug/Kg
98-95-3	Nitrobenzene	970		63.6	91.1	120	ug/Kg
78-59-1	Isophorone	950		59.3	91.1	120	ug/Kg
88-75-5	2-Nitrophenol	1200		66.2	91.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		65.3	91.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		60.1	91.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.9	91.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		59.8	91.1	120	ug/Kg
65-85-0	Benzoic acid	1200		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.9	91.1	120	ug/Kg
106-47-8	4-Chloroaniline	470		57.9	91.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58.4	91.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061324
Lab Sample ID:	P2864-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020617.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		60.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54.3	91.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		57.8	91.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50	91.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.8	91.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		61.2	91.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		58.4	91.1	120	ug/Kg
88-74-4	2-Nitroaniline	1100		66.5	91.1	120	ug/Kg
131-11-3	Dimethylphthalate	1000		57.2	91.1	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.6	91.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		58.3	91.1	120	ug/Kg
99-09-2	3-Nitroaniline	800		62.5	91.1	120	ug/Kg
83-32-9	Acenaphthene	1000		56.8	91.1	120	ug/Kg
Total PAH	Total PAH	17080		928.1	91.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2500	E	81.3	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		59.1	91.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		118.7	91.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		60.4	91.1	120	ug/Kg
84-66-2	Diethylphthalate	990		56.1	91.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		60	91.1	120	ug/Kg
86-73-7	Fluorene	1000		59.9	91.1	120	ug/Kg
100-01-6	4-Nitroaniline	1100		75	91.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		82	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		57.2	91.1	120	ug/Kg
103-33-3	Azobenzene	990		55.8	91.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		55.3	91.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.5	91.1	120	ug/Kg
1912-24-9	Atrazine	1100		64	91.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061324
Lab Sample ID:	P2864-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020617.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58.8	91.1	120	ug/Kg
120-12-7	Anthracene	1100		59.1	91.1	120	ug/Kg
86-74-8	Carbazole	1100		56.3	91.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		59.1	91.1	120	ug/Kg
206-44-0	Fluoranthene	1100		57.2	91.1	120	ug/Kg
92-87-5	Benzidine	940		110	190	230	ug/Kg
129-00-0	Pyrene	950		58.1	91.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		67.8	91.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		69.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.5	91.1	120	ug/Kg
218-01-9	Chrysene	1100		55.7	91.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		63.7	91.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		77.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		56.8	91.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		57.9	91.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		65.1	91.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		54.7	91.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		56.9	91.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		56.1	91.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.8	91.1	120	ug/Kg
123-91-1	1,4-Dioxane	850		77.1	91.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		52.3	91.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.971		18-112		77	SPK: -150
13127-88-3	Phenol-d6	108.671		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	72.136		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.32		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061324
Lab Sample ID:	P2864-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020617.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.042		10-110		101	SPK: -150
1718-51-0	Terphenyl-d14	65.544		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225134	7.746				
1146-65-2	Naphthalene-d8	883591	10.516				
15067-26-2	Acenaphthene-d10	579452	14.381				
1517-22-2	Phenanthrene-d10	1216876	17.186				
1719-03-5	Chrysene-d12	1087842	21.639				
1520-96-3	Perylene-d12	1307447	24.998				

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061324
Lab Sample ID:	P2864-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020618.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	860		60.8	190	230	ug/Kg
110-86-1	Pyridine	800		55.9	91	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	520		67.8	91	120	ug/Kg
108-95-2	Phenol	1000		58	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		58.6	91	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.4	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	990		59.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	990		60.2	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		60.5	91	120	ug/Kg
100-51-6	Benzyl Alcohol	980		58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	990		56.4	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		63.6	91	120	ug/Kg
98-86-2	Acetophenone	990		60.8	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	980		58.1	91	120	ug/Kg
98-95-3	Nitrobenzene	960		63.6	91	120	ug/Kg
78-59-1	Isophorone	930		59.2	91	120	ug/Kg
88-75-5	2-Nitrophenol	1200		66.1	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		65.2	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	940		60.1	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.8	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		59.8	91	120	ug/Kg
65-85-0	Benzoic acid	1200		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.8	91	120	ug/Kg
106-47-8	4-Chloroaniline	460		57.8	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		58.3	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061324
Lab Sample ID:	P2864-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020618.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		60.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		54.2	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	960		57.7	91	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		51.8	91	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		61.2	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		58.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	1000		57.2	91	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.5	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		58.2	91	120	ug/Kg
99-09-2	3-Nitroaniline	790		62.4	91	120	ug/Kg
83-32-9	Acenaphthene	1000		56.8	91	120	ug/Kg
Total PAH	Total PAH	17080		927.5	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2500	E	81.2	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		59.1	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		118.5	91	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		60.3	91	120	ug/Kg
84-66-2	Diethylphthalate	1000		56.1	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		59.9	91	120	ug/Kg
86-73-7	Fluorene	1000		59.8	91	120	ug/Kg
100-01-6	4-Nitroaniline	1000		74.9	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980		81.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		57.1	91	120	ug/Kg
103-33-3	Azobenzene	990		55.7	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		55.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.5	91	120	ug/Kg
1912-24-9	Atrazine	1100		64	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061324
Lab Sample ID:	P2864-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020618.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58.8	91	120	ug/Kg
120-12-7	Anthracene	1100		59.1	91	120	ug/Kg
86-74-8	Carbazole	1100		56.2	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		59	91	120	ug/Kg
206-44-0	Fluoranthene	1100		57.2	91	120	ug/Kg
92-87-5	Benzidine	1000		110	190	230	ug/Kg
129-00-0	Pyrene	930		58.1	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	980		67.8	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.5	91	120	ug/Kg
218-01-9	Chrysene	1100		55.6	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		63.7	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		77	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		56.8	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	980		57.8	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		65.1	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		54.7	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		56.8	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		56.1	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.8	91	120	ug/Kg
123-91-1	1,4-Dioxane	840		77	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		52.3	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	920		58.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.701		18-112		77	SPK: -150
13127-88-3	Phenol-d6	107.498		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	71.687		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	73.274		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061324
Lab Sample ID:	P2864-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BP020618.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.401		10-110		102	SPK: -150
1718-51-0	Terphenyl-d14	62.809		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216040	7.746				
1146-65-2	Naphthalene-d8	842033	10.522				
15067-26-2	Acenaphthene-d10	529699	14.381				
1517-22-2	Phenanthrene-d10	1136506	17.187				
1719-03-5	Chrysene-d12	1069207	21.639				
1520-96-3	Perylene-d12	1259753	24.992				

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061324
Lab Sample ID:	P2864-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	50.04	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
BP020619.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.1	U	64.1	200	240	ug/Kg
110-86-1	Pyridine	59	U	59	96	130	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.5	U	71.5	96	130	ug/Kg
108-95-2	Phenol	61.2	U	61.2	96	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.8	U	61.8	96	130	ug/Kg
95-57-8	2-Chlorophenol	61.7	U	61.7	96	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.5	U	62.5	96	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.5	U	63.5	96	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.9	U	63.9	96	130	ug/Kg
100-51-6	Benzyl Alcohol	61.3	U	61.3	200	240	ug/Kg
95-48-7	2-Methylphenol	59.5	U	59.5	96	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.1	U	67.1	96	130	ug/Kg
98-86-2	Acetophenone	64.2	U	64.2	96	130	ug/Kg
65794-96-9	3+4-Methylphenols	58.9	U	58.9	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.8	U	29.8	59.1	59.1	ug/Kg
67-72-1	Hexachloroethane	61.3	U	61.3	96	130	ug/Kg
98-95-3	Nitrobenzene	67	U	67	96	130	ug/Kg
78-59-1	Isophorone	62.5	U	62.5	96	130	ug/Kg
88-75-5	2-Nitrophenol	69.8	U	69.8	96	130	ug/Kg
105-67-9	2,4-Dimethylphenol	68.8	U	68.8	96	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63.3	U	63.3	96	130	ug/Kg
120-83-2	2,4-Dichlorophenol	55.7	U	55.7	96	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.1	U	63.1	96	130	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	61	U	61	96	130	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	96	130	ug/Kg
87-68-3	Hexachlorobutadiene	61.5	U	61.5	96	130	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061324
Lab Sample ID:	P2864-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	50.04	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
BP020619.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.1	U	64.1	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.2	U	57.2	96	130	ug/Kg
91-57-6	2-Methylnaphthalene	60.9	U	60.9	96	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.7	U	52.7	96	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.6	U	54.6	96	130	ug/Kg
92-52-4	1,1-Biphenyl	64.5	U	64.5	96	130	ug/Kg
91-58-7	2-Chloronaphthalene	61.5	U	61.5	96	130	ug/Kg
88-74-4	2-Nitroaniline	70.1	U	70.1	96	130	ug/Kg
131-11-3	Dimethylphthalate	60.3	U	60.3	96	130	ug/Kg
208-96-8	Acenaphthylene	63.9	U	63.9	96	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.4	U	61.4	96	130	ug/Kg
99-09-2	3-Nitroaniline	65.9	U	65.9	96	130	ug/Kg
83-32-9	Acenaphthene	59.9	U	59.9	96	130	ug/Kg
Total PAH	Total PAH	1202.1	U	978.5	96	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85.6	U	85.6	200	240	ug/Kg
132-64-9	Dibenzofuran	62.3	U	62.3	96	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.6	U	63.6	96	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	125	U	125	96	260	ug/Kg
84-66-2	Diethylphthalate	59.1	U	59.1	96	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.2	U	63.2	96	130	ug/Kg
86-73-7	Fluorene	63.1	U	63.1	96	130	ug/Kg
100-01-6	4-Nitroaniline	79	U	79	96	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86.4	U	86.4	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.2	U	60.2	96	130	ug/Kg
103-33-3	Azobenzene	58.8	U	58.8	96	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.3	U	58.3	96	130	ug/Kg
118-74-1	Hexachlorobenzene	62.8	U	62.8	96	130	ug/Kg
1912-24-9	Atrazine	67.5	U	67.5	96	130	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061324
Lab Sample ID:	P2864-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	50.04	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
BP020619.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.1	U	57.1	200	240	ug/Kg
85-01-8	Phenanthrene	62	U	62	96	130	ug/Kg
120-12-7	Anthracene	62.3	U	62.3	96	130	ug/Kg
86-74-8	Carbazole	59.3	U	59.3	96	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.2	U	62.2	96	130	ug/Kg
206-44-0	Fluoranthene	200		60.3	96	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	160		61.3	96	130	ug/Kg
85-68-7	Butylbenzylphthalate	71.5	U	71.5	96	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.8	U	72.8	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	140		59.6	96	130	ug/Kg
218-01-9	Chrysene	130		58.7	96	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.2	U	67.2	96	130	ug/Kg
117-84-0	Di-n-octyl phthalate	81.2	U	81.2	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	170		59.9	96	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	62.2	J	61	96	130	ug/Kg
50-32-8	Benzo(a)pyrene	150		68.7	96	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.1	J	57.7	96	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	96	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.8	J	59.1	96	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.1	U	64.1	96	130	ug/Kg
123-91-1	1,4-Dioxane	81.2	U	81.2	96	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.2	U	55.2	96	130	ug/Kg
90-12-0	1-Methylnaphthalene	61.4	U	61.4	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.519		18-112		56	SPK: -150
13127-88-3	Phenol-d6	77.963		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	51.964		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	54.321		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061324
Lab Sample ID:	P2864-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	50.04	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
BP020619.D	1	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.824		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	49.958		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238022	7.746				
1146-65-2	Naphthalene-d8	938945	10.522				
15067-26-2	Acenaphthene-d10	597034	14.375				
1517-22-2	Phenanthrene-d10	1254591	17.181				
1719-03-5	Chrysene-d12	1101369	21.633				
1520-96-3	Perylene-d12	1278829	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	940	J			3.023	
000057-55-6	Propylene Glycol	66.2	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	99.9	A			4.922	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	55.6	J			10.299	
000770-35-4	1-Phenoxypropan-2-ol	69.6	J			11.263	
000057-10-3	n-Hexadecanoic acid	150	J			18.134	
1000351-88-8	Nonadecyl pentafluoropropionate	150	J			21.316	

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	NB-07-06122024	SDG No.:	BP061324
Lab Sample ID:	P2858-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BP020620.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.5	U	52.5	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.4	U	98.4	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg



Client:				Date Collected:	6/12/2024 12:00:00 AM	
Project:				Date Received:	6/12/2024 12:00:00 AM	
Client Sample ID:	NB-07-06122024			SDG No.:	BP061324	
Lab Sample ID:	P2858-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8	
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
BP020620.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.1	U	93.1	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.4	U	96.4	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	120	J	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	6260	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	NB-07-06122024	SDG No.:	BP061324
Lab Sample ID:	P2858-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BP020620.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	330		110	170	220	ug/Kg
120-12-7	Anthracene	150	J	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	810		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	730		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	460		110	170	220	ug/Kg
218-01-9	Chrysene	490		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	770		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.4	U	97.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.964		18-112		65	SPK: -150
13127-88-3	Phenol-d6	89.34		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	60.294		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	63.762		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	NB-07-06122024	SDG No.:	BP061324
Lab Sample ID:	P2858-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.04	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
BP020620.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.692		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	57.416		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238696	7.752				
1146-65-2	Naphthalene-d8	933662	10.528				
15067-26-2	Acenaphthene-d10	576252	14.375				
1517-22-2	Phenanthrene-d10	1144184	17.186				
1719-03-5	Chrysene-d12	1053444	21.639				
1520-96-3	Perylene-d12	1249191	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	880	J			3.028	
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	240	J			11.704	
000629-50-5	Tridecane	570	J			11.94	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	310	J			12.428	
003891-98-3	Dodecane, 2,6,10-trimethyl-	180	J			12.899	
000629-59-4	Tetradecane	510	J			13.187	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	670	J			14.281	
000544-76-3	Hexadecane	730	J			15.251	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	330	J			15.669	
000629-78-7	Heptadecane	1200	J			16.122	
000593-45-3	Octadecane	760	J			16.945	
000629-93-6	Octadecane, 1-iodo-	420	J			16.998	
000629-92-5	Nonadecane	680	J			17.71	
000112-39-0	Hexadecanoic acid, methyl ester	3600	J			17.898	
000057-10-3	n-Hexadecanoic acid	470	J			18.134	
055045-08-4	Dodecane, 2-methyl-6-propyl-	640	J			18.428	
056554-62-2	10,13-Octadecadienoic acid, methyl	13800	J			19.092	
056554-48-4	14-Octadecenoic acid, methyl ester	8400	J			19.122	
000112-61-8	Methyl stearate	2000	J			19.263	

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	NB-07-06122024	SDG No.:	BP061324
Lab Sample ID:	P2858-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.04	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
BP020620.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-18-4	Sulfurous acid, butyl heptadecyl e	280	J			21.316	

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	OK-02-06122024	SDG No.:	BP061324
Lab Sample ID:	P2859-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.01	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
BP020621.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.3	U	52.3	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98	U	98	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg



Report of Analysis

Client:				Date Collected:	6/12/2024 12:00:00 AM	
Project:				Date Received:	6/12/2024 12:00:00 AM	
Client Sample ID:	OK-02-06122024			SDG No.:	BP061324	
Lab Sample ID:	P2859-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.6	
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
BP020621.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.7	U	92.7	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.1	U	96.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1730	U	1730	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg



Client:				Date Collected:	6/12/2024 12:00:00 AM	
Project:				Date Received:	6/12/2024 12:00:00 AM	
Client Sample ID:	OK-02-06122024			SDG No.:	BP061324	
Lab Sample ID:	P2859-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.6	
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
BP020621.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97	U	97	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.108		18-112		63	SPK: -150
13127-88-3	Phenol-d6	84.518		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	57.418		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	60.194		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	OK-02-06122024	SDG No.:	BP061324
Lab Sample ID:	P2859-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BP020621.D	2	6/13/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.01		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	58.194		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229453	7.746				
1146-65-2	Naphthalene-d8	903867	10.522				
15067-26-2	Acenaphthene-d10	584809	14.381				
1517-22-2	Phenanthrene-d10	1212598	17.18				
1719-03-5	Chrysene-d12	1052166	21.627				
1520-96-3	Perylene-d12	1232699	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	800	J			3.022	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	90.9	A			4.916	
000057-10-3	n-Hexadecanoic acid	160	J			18.116	
000057-11-4	Octadecanoic acid	100	J			19.457	
062016-76-6	Nonadecane, 1-chloro-	91.3	J			20.78	

Hit Summary Sheet SW-846

SDG No.: BP061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 72-11989								
P2855-05	72-11989	Solid	1-Phenoxypropan-2-ol	*	82.600	J		
P2855-05	72-11989	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	100.000	A		
P2855-05	72-11989	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P2855-05	72-11989	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	71.500	J		
P2855-05	72-11989	Solid	Isopropyl Alcohol	*	96.500	J		
P2855-05	72-11989	Solid	n-Hexadecanoic acid	*	200.000	J		
P2855-05	72-11989	Solid	Octadecanoic acid	*	69.700	J		
P2855-05	72-11989	Solid	Pentadecafluorooctanoic acid, oct-	*	130.000	J		
P2855-05	72-11989	Solid	unknown14.598	*	45.400	J		
Total Tics :					1,795.70			
P2855-05	72-11989	Solid	Benzo(a)anthracene		86.400	J	55	120 ug/Kg
P2855-05	72-11989	Solid	Benzo(a)pyrene		81.300	J	63.3	120 ug/Kg
P2855-05	72-11989	Solid	Benzo(b)fluoranthene		95.900	J	55.2	120 ug/Kg
P2855-05	72-11989	Solid	Chrysene		90.500	J	54.2	120 ug/Kg
P2855-05	72-11989	Solid	Fluoranthene		210.000		55.6	120 ug/Kg
P2855-05	72-11989	Solid	Phenanthrene		150.000		57.2	120 ug/Kg
P2855-05	72-11989	Solid	Pyrene		150.000		56.5	120 ug/Kg
Total Svoc :					864.10			
Total Concentration:					2,659.80			
Client ID : NB-07-06122024								
P2858-01	NB-07-06122024	Solid	10,13-Octadecadienoic acid, meth	*	13,800.000	J		
P2858-01	NB-07-06122024	Solid	14-Octadecenoic acid, methyl este	*	8,400.000	J		
P2858-01	NB-07-06122024	Solid	Butane, 2-methoxy-2-methyl-	*	880.000	J		
P2858-01	NB-07-06122024	Solid	Carbonic acid, eicosyl vinyl ester	*	670.000	J		
P2858-01	NB-07-06122024	Solid	Dodecane, 2,6,10-trimethyl-	*	180.000	J		
P2858-01	NB-07-06122024	Solid	Dodecane, 2-methyl-6-propyl-	*	640.000	J		
P2858-01	NB-07-06122024	Solid	Heptadecane	*	1,200.000	J		
P2858-01	NB-07-06122024	Solid	Hexadecane	*	730.000	J		
P2858-01	NB-07-06122024	Solid	Hexadecanoic acid, methyl ester	*	3,600.000	J		
P2858-01	NB-07-06122024	Solid	Methyl stearate	*	2,000.000	J		
P2858-01	NB-07-06122024	Solid	n-Hexadecanoic acid	*	470.000	J		
P2858-01	NB-07-06122024	Solid	Naphthalene, 1,2,3,4-tetrahydro-1	*	310.000	J		
P2858-01	NB-07-06122024	Solid	Naphthalene, 1,2,3,4-tetrahydro-6	*	240.000	J		
P2858-01	NB-07-06122024	Solid	Nonadecane	*	680.000	J		
P2858-01	NB-07-06122024	Solid	Octadecane	*	760.000	J		
P2858-01	NB-07-06122024	Solid	Octadecane, 1-iodo-	*	420.000	J		
P2858-01	NB-07-06122024	Solid	Pentadecane, 2,6,10-trimethyl-	*	330.000	J		

Hit Summary Sheet SW-846

SDG No.: BP061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2858-01	NB-07-06122024	Solid	Sulfurous acid, butyl heptadecyl e *	280.000	J			
P2858-01	NB-07-06122024	Solid	Tetradecane	*	510.000	J		
P2858-01	NB-07-06122024	Solid	Tridecane	*	570.000	J		
Total Tics :				36,670.00				
P2858-01	NB-07-06122024	Solid	Acenaphthylene	120.000	J	110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Anthracene	150.000	J	110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Benzo(a)anthracene	460.000		110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Benzo(a)pyrene	770.000		120	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Benzo(b)fluoranthene	810.000		110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Benzo(g,h,i)perylene	650.000		100	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Benzo(k)fluoranthene	280.000		110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Chrysene	490.000		100	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Dibenzo(a,h)anthracene	150.000	J	110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Fluoranthene	810.000		110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Indeno(1,2,3-cd)pyrene	510.000		100	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Phenanthrene	330.000		110	220	ug/Kg
P2858-01	NB-07-06122024	Solid	Pyrene	730.000		110	220	ug/Kg

Total Svoc : 6,260.00

Total Concentration: 42,930.00

Client ID : OK-02-06122024

P2859-01	OK-02-06122024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	90.900	A			
P2859-01	OK-02-06122024	Solid	Butane, 2-methoxy-2-methyl-	*	800.000	J		
P2859-01	OK-02-06122024	Solid	n-Hexadecanoic acid	*	160.000	J		
P2859-01	OK-02-06122024	Solid	Nonadecane, 1-chloro-	*	91.300	J		
P2859-01	OK-02-06122024	Solid	Octadecanoic acid	*	100.000	J		

Total Tics : 1,242.20

Total Concentration: 1,242.20

Client ID : WC-H

P2864-01	WC-H	Solid	1-Docosene	*	200.000	J		
P2864-01	WC-H	Solid	1-Phenoxypropan-2-ol	*	91.400	J		
P2864-01	WC-H	Solid	13-Docosenamide, (Z)-	*	150.000	J		
P2864-01	WC-H	Solid	2-Pentanone, 4-hydroxy-4-methyl *	*	130.000	A		
P2864-01	WC-H	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2864-01	WC-H	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	78.600	J		
P2864-01	WC-H	Solid	n-Hexadecanoic acid	*	290.000	J		
P2864-01	WC-H	Solid	Octadecanoic acid	*	140.000	J		
P2864-01	WC-H	Solid	Propylene Glycol	*	120.000	J		
P2864-01	WC-H	Solid	unknown14.598	*	46.900	J		

Total Tics : 2,346.90

Hit Summary Sheet SW-846

SDG No.: BP061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,346.90				
Client ID : WC-I								
P2864-05	WC-I	Solid	1-Phenoxypropan-2-ol	*	69.600	J		
P2864-05	WC-I	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	99.900	A		
P2864-05	WC-I	Solid	Butane, 2-methoxy-2-methyl-	*	940.000	J		
P2864-05	WC-I	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	55.600	J		
P2864-05	WC-I	Solid	n-Hexadecanoic acid	*	150.000	J		
P2864-05	WC-I	Solid	Nonadecyl pentafluoropropionate	*	150.000	J		
P2864-05	WC-I	Solid	Propylene Glycol	*	66.200	J		
Total Tics :				1,531.30				
P2864-05	WC-I	Solid	Benzo(a)anthracene		140.000	59.6	130	ug/Kg
P2864-05	WC-I	Solid	Benzo(a)pyrene		150.000	68.7	130	ug/Kg
P2864-05	WC-I	Solid	Benzo(b)fluoranthene		170.000	59.9	130	ug/Kg
P2864-05	WC-I	Solid	Benzo(g,h,i)perylene		97.800	J 59.1	130	ug/Kg
P2864-05	WC-I	Solid	Benzo(k)fluoranthene		62.200	J 61	130	ug/Kg
P2864-05	WC-I	Solid	Chrysene		130.000	58.7	130	ug/Kg
P2864-05	WC-I	Solid	Fluoranthene		200.000	60.3	130	ug/Kg
P2864-05	WC-I	Solid	Indeno(1,2,3-cd)pyrene		92.100	J 57.7	130	ug/Kg
P2864-05	WC-I	Solid	Pyrene		160.000	61.3	130	ug/Kg
Total Svoc :				1,202.10				
Total Concentration:				2,733.40				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP052924 SAS No.: BP052924 SDG No.: BP052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 09:59 : _____

LAB FILE ID:		RRF2.5 = BP020469.D			RRF005 = BP020470.D		RRF010 = BP020471.D	
		RRF020 = BP020472.D			RRF040 = BP020473.D		RRF050 = BP020474.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.619	0.620	0.638	0.626	0.607	0.616	2.6
Pyridine		1.188	1.265	1.330	1.291	1.266	1.269	3.6
2-Fluorophenol		1.090	1.121	1.167	1.131	1.104	1.117	2.7
Benzaldehyde		1.159	1.123	1.066	0.890	0.814	1.010	14.9
Aniline		1.547	1.568	1.680	1.633	1.585	1.596	3.7
Phenol-d6		1.561	1.575	1.656	1.600	1.551	1.575	3.2
Phenol		1.604	1.600	1.701	1.638	1.584	1.614	3.1
bis(2-Chloroethyl)ether		1.362	1.367	1.409	1.347	1.270	1.331	4.5
2-Chlorophenol		1.251	1.246	1.313	1.269	1.224	1.252	3.0
1,2-Dichlorobenzene		1.540	1.497	1.518	1.455	1.385	1.447	5.3
1,3-Dichlorobenzene		1.533	1.526	1.546	1.473	1.425	1.475	4.3
1,4-Dichlorobenzene		1.568	1.534	1.578	1.504	1.433	1.499	4.4
Benzyl Alcohol		1.116	1.128	1.225	1.197	1.156	1.164	3.8
2-Methylphenol		1.061	1.091	1.171	1.122	1.073	1.095	4.0
2,2-oxybis(1-Chloropropane)		2.111	2.109	2.141	1.991	1.862	1.987	7.2
Acetophenone		0.523	0.512	0.520	0.495	0.478	0.496	4.8
3+4-Methylphenols		1.398	1.442	1.589	1.535	1.476	1.489	4.5
n-Nitroso-di-n-propylamine	1.014	1.121	1.126	1.174	1.108	1.031	1.075	6.4
Nitrobenzene-d5		0.355	0.363	0.379	0.371	0.362	0.365	2.6
Hexachloroethane		0.563	0.553	0.575	0.552	0.534	0.548	3.5
Nitrobenzene		0.375	0.368	0.390	0.372	0.363	0.371	2.9
Isophorone		0.702	0.710	0.744	0.716	0.698	0.710	2.9
2-Nitrophenol		0.084	0.098	0.122	0.139	0.144	0.128	21.4
2,4-Dimethylphenol		0.209	0.214	0.223	0.220	0.213	0.214	2.9
bis(2-Chloroethoxy)methane		0.456	0.442	0.460	0.435	0.423	0.436	4.3
2,4-Dichlorophenol		0.259	0.276	0.299	0.295	0.292	0.288	5.2
1,2,4-Trichlorobenzene		0.350	0.345	0.353	0.340	0.330	0.342	2.8
Benzoic acid			0.120	0.153	0.183	0.193	0.181	21.7
Naphthalene		1.077	1.048	1.070	1.013	0.986	1.022	4.4
4-Chloroaniline		0.395	0.397	0.414	0.398	0.385	0.396	3.0
Hexachlorobutadiene		0.218	0.220	0.218	0.213	0.209	0.215	1.9
Caprolactam		0.091	0.104	0.109	0.109	0.108	0.105	6.6
4-Chloro-3-methylphenol		0.306	0.322	0.347	0.341	0.336	0.337	6.4
2-Methylnaphthalene		0.752	0.738	0.754	0.723	0.693	0.733	5.8
Hexachlorocyclopentadiene		0.176	0.181	0.204	0.210	0.209	0.203	9.5
2,4,6-Trichlorophenol		0.283	0.311	0.365	0.364	0.366	0.350	10.9

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.: BP052924 SAS No.: BP052924 SDG No.: BP052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 09:59 : _____

LAB FILE ID:		RRF2.5 = BP020469.D			RRF005 = BP020470.D		RRF010 = BP020471.D	
		RRF020 = BP020472.D			RRF040 = BP020473.D		RRF050 = BP020474.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.455	1.393	1.455	1.312	1.270	1.342	7.3
2,4,5-Trichlorophenol		0.351	0.375	0.418	0.420	0.411	0.404	7.4
1,1-Biphenyl		1.505	1.437	1.486	1.414	1.355	1.411	5.2
2-Chloronaphthalene		1.179	1.134	1.205	1.122	1.075	1.122	5.3
2-Nitroaniline		0.242	0.274	0.322	0.322	0.327	0.304	10.8
Dimethylphthalate		1.466	1.430	1.495	1.393	1.388	1.410	4.4
Acenaphthylene		1.722	1.670	1.779	1.647	1.627	1.665	4.2
2,6-Dinitrotoluene		0.253	0.285	0.319	0.312	0.309	0.301	8.1
3-Nitroaniline		0.257	0.290	0.321	0.314	0.315	0.302	7.5
Acenaphthene		1.112	1.068	1.116	1.026	1.027	1.050	4.8
2,4-Dinitrophenol			0.063	0.083	0.101	0.113	0.104	26.5
4-Nitrophenol		0.167	0.210	0.245	0.242	0.257	0.234	14.6
Dibenzofuran		1.781	1.709	1.779	1.643	1.590	1.664	6.0
2,4-Dinitrotoluene		0.296	0.351	0.416	0.416	0.425	0.396	13.3
Diethylphthalate		1.488	1.479	1.559	1.424	1.424	1.433	6.1
4-Chlorophenyl-phenylether		0.739	0.719	0.718	0.673	0.652	0.689	7.8
Fluorene		1.455	1.413	1.441	1.299	1.268	1.336	8.4
4-Nitroaniline		0.265	0.300	0.334	0.311	0.329	0.311	9.0
4,6-Dinitro-2-methylphenol			0.049	0.064	0.078	0.085	0.078	23.8
n-Nitrosodiphenylamine		0.573	0.574	0.576	0.541	0.526	0.550	5.0
Azobenzene		1.456	1.426	1.449	1.321	1.275	1.338	8.2
2,4,6-Tribromophenol		0.177	0.195	0.214	0.220	0.227	0.208	8.8
4-Bromophenyl-phenylether		0.203	0.206	0.204	0.202	0.197	0.205	2.3
Hexachlorobenzene		0.241	0.238	0.243	0.236	0.234	0.241	2.4
Atrazine		0.192	0.204	0.201	0.193	0.187	0.193	3.7
Pentachlorophenol			0.120	0.136	0.146	0.150	0.146	11.3
Phenanthrene		1.053	1.037	1.020	0.967	0.938	0.983	5.7
Anthracene		1.021	1.014	1.006	0.962	0.922	0.965	6.0
Carbazole		0.973	0.986	0.984	0.920	0.918	0.933	6.2
Di-n-butylphthalate		1.090	1.184	1.209	1.169	1.148	1.130	7.7
Fluoranthene		1.245	1.249	1.260	1.152	1.151	1.163	10.5
Benzidine			0.400	0.476	0.729	0.731	0.610	26.1
Pyrene		1.484	1.451	1.490	1.561	1.474	1.504	2.7
Terphenyl-d14		1.238	1.205	1.218	1.277	1.170	1.201	5.0
Butylbenzylphthalate		0.394	0.462	0.549	0.602	0.602	0.549	16.0
3,3-Dichlorobenzidine		0.314	0.360	0.411	0.416	0.435	0.391	11.1

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.: BP052924 SAS No.: BP052924 SDG No.: BP052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 09:59 _____

LAB FILE ID:		RRF2.5 = BP020469.D			RRF005 = BP020470.D		RRF010 = BP020471.D	
		RRF020 = BP020472.D			RRF040 = BP020473.D		RRF050 = BP020474.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.348	1.340	1.367	1.316	1.290	1.317	3.1
Chrysene		1.297	1.256	1.291	1.248	1.192	1.241	3.7
Bis(2-ethylhexyl)phthalate		0.684	0.790	0.884	0.927	0.883	0.856	10.4
Di-n-octyl phthalate			1.005	1.274	1.264	1.267	1.244	9.8
Benzo(b)fluoranthene		1.202	1.271	1.327	1.261	1.216	1.246	4.3
Benzo(k)fluoranthene		1.194	1.218	1.274	1.217	1.203	1.215	2.8
Benzo(a)pyrene		0.939	1.003	1.075	1.056	1.040	1.032	4.6
Indeno(1,2,3-cd)pyrene		1.021	1.080	1.189	1.284	1.273	1.216	10.2
Dibenzo(a,h)anthracene		0.872	0.909	0.991	1.064	1.062	1.014	9.1
Benzo(g,h,i)perylene		0.869	0.904	0.982	1.068	1.059	1.014	9.6
1,2,4,5-Tetrachlorobenzene		0.576	0.573	0.601	0.575	0.563	0.579	3.7
1,4-Dioxane		0.471	0.464	0.466	0.444	0.433	0.451	4.4
2,3,4,6-Tetrachlorophenol		0.288	0.314	0.352	0.348	0.346	0.330	7.2
1-Methylnaphthalene		0.755	0.735	0.750	0.707	0.691	0.726	5.2

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.: BP061324 SAS No.: BP061324 SDG NO.: BP061324

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 14:16

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	328112	7.769	1.4069e+00	10.53	932714	14.39
UPPER LIMIT	656224	8.269	2813800	11.034	1865428	14.892
LOWER LIMIT	164056	7.269	703450	10.034	466357	13.892
EPA SAMPLE NO.						
01 PB161479BL	277688	7.72	1.02441e	10.48	603109	14.35
02 PB161479BS	252860	7.75	943831	10.53	549671	14.37
03 72-11985	217082	7.74	850988	10.51	539354	14.37
04 ETGI-355	211187	7.75	814100	10.52	534291	14.38
05 72-11989	212385	7.75	829129	10.52	545151	14.38
06 WC-H	220557	7.75	861927	10.52	563014	14.38
07 WC-HMS	225134	7.75	883591	10.52	579452	14.38
08 WC-HMSD	216040	7.75	842033	10.52	529699	14.38
09 WC-I	238022	7.75	938945	10.52	597034	14.38
10 NB-07-06122024	238696	7.75	933662	10.53	576252	14.38
11 OK-02-06122024	229453	7.75	903867	10.52	584809	14.38

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.: BP061324 SAS No.: BP061324 SDG NO.: BP061324

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BP020610.D Time Analyzed: 14:16

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	278983	7.752	1.01368e+01	10.52	599923	14.38
UPPER LIMIT	557966	8.252	2027360	11.022	1199846	14.881
LOWER LIMIT	139491.5	7.252	506840	10.022	299961.5	13.881
EPA SAMPLE NO.						
01 PB161479BL	277688	7.72	1.02441e	10.48	603109	14.35
02 PB161479BS	252860	7.75	943831	10.53	549671	14.37
03 72-11985	217082	7.74	850988	10.51	539354	14.37
04 ETGI-355	211187	7.75	814100	10.52	534291	14.38
05 72-11989	212385	7.75	829129	10.52	545151	14.38
06 WC-H	220557	7.75	861927	10.52	563014	14.38
07 WC-HMS	225134	7.75	883591	10.52	579452	14.38
08 WC-HMSD	216040	7.75	842033	10.52	529699	14.38
09 WC-I	238022	7.75	938945	10.52	597034	14.38
10 NB-07-06122024	238696	7.75	933662	10.53	576252	14.38
11 OK-02-06122024	229453	7.75	903867	10.52	584809	14.38

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.: BP061324 SAS No.: BP061324 SDG NO.: BP061324

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 14:16

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.94333e+01	17.204	1.46513e+01	21.669	1.32054e+01	25.021
	UPPER LIMIT	3886660	17.704	2930260	22.169	2641080	25.521
	LOWER LIMIT	971665	16.704	732565	21.169	660270	24.521
	EPA SAMPLE NO.						
01	PB161479BL	1.07646	17.17	951596	21.65	1.30609e+01	25.01
02	PB161479BS	1.08419	17.18	1.00111e+01	21.63	1.19379e+01	24.99
03	72-11985	1.11784	17.18	1.03231e+01	21.64	1.19842e+01	24.99
04	ETGI-355	1.13748	17.18	1.06369e+01	21.63	1.21133e+01	24.99
05	72-11989	1.16343	17.18	1.0682e+00	21.63	1.24526e+01	24.97
06	WC-H	1.19624	17.19	1.09167e+01	21.65	1.24404e+01	24.99
07	WC-HMS	1.21688	17.19	1.08784e+01	21.64	1.30745e+01	25.00
08	WC-HMSD	1.13651	17.19	1.06921e+01	21.64	1.25975e+01	24.99
09	WC-I	1.25459	17.18	1.10137e+01	21.63	1.27883e+01	24.99
10	NB-07-06122024	1.14418	17.19	1.05344e+01	21.64	1.24919e+01	25.00
11	OK-02-06122024	1.2126e	17.18	1.05217e+01	21.63	1.2327e+00	24.98

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.: BP061324 SAS No.: BP061324 SDG NO.: BP061324

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BP020610.D Time Analyzed: 14:16

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.14845e+04	17.186	1.1218e+0	21.651	1.4396e+00	25.01
UPPER LIMIT	2296900	17.686	2243600	22.151	2879200	25.51
LOWER LIMIT	574225	16.686	560900	21.151	719800	24.51
EPA SAMPLE NO.						
01 PB161479BL	1.07646	17.17	951596	21.65	1.30609e+	25.01
02 PB161479BS	1.08419	17.18	1.00111e+	21.63	1.19379e+	24.99
03 72-11985	1.11784	17.18	1.03231e+	21.64	1.19842e+	24.99
04 ETGI-355	1.13748	17.18	1.06369e+	21.63	1.21133e+	24.99
05 72-11989	1.16343	17.18	1.0682e+0	21.63	1.24526e+	24.97
06 WC-H	1.19624	17.19	1.09167e+	21.65	1.24404e+	24.99
07 WC-HMS	1.21688	17.19	1.08784e+	21.64	1.30745e+	25.00
08 WC-HMSD	1.13651	17.19	1.06921e+	21.64	1.25975e+	24.99
09 WC-I	1.25459	17.18	1.10137e+	21.63	1.27883e+	24.99
10 NB-07-06122024	1.14418	17.19	1.05344e+	21.64	1.24919e+	25.00
11 OK-02-06122024	1.2126e	17.18	1.05217e+	21.63	1.2327e+0	24.98

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP061324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161479BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103		
	Pyridine	1700	980	ug/Kg	58				28	98		
	Benzaldehyde	1700	920	ug/Kg	54				10	147		
	Aniline	1700	740	ug/Kg	44				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100		
	Benzyl Alcohol	1700	1300	ug/Kg	76				42	116		
	2-Methylphenol	1700	1300	ug/Kg	76				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1100	ug/Kg	65				51	100		
	Acetophenone	1700	1400	ug/Kg	82				55	104		
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111		
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95		
	Hexachloroethane	1700	1300	ug/Kg	76				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1300	ug/Kg	76				59	99		
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111		
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119		
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				53	105		
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1500	ug/Kg	88				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	720	ug/Kg	42				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1300	ug/Kg	76				67	110		
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112		
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104		
	Hexachlorocyclopentadiene	3300	4300	ug/Kg	130				45	134		
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102		
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98		
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103		
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104		
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	Total PAH	27200	24500	ug/Kg	90				57	104		
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP061324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161479BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2900	ug/Kg	85				60	106	
	Diethylphthalate	1700	1300	ug/Kg	76				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	380	ug/Kg	12				10	98	
	Pyrene	1700	1200	ug/Kg	71				59	103	
	Butylbenzylphthalate	1700	1300	ug/Kg	76				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1300	ug/Kg	76				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82			*	62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112			*	63	101	
	Dibenz(a,h)anthracene	1700	1900	ug/Kg	112				61	112	
	Benzo(g,h,i)perylene	1700	1900	ug/Kg	112			*	70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1200	ug/Kg	71				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161479BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP061324

SAS No.: BP061324 SDG NO.: BP061324

Lab File ID: BP020611.D

Lab Sample ID: PB161479BL

Instrument ID: BNA_P

Date Extracted: 06/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/13/2024

Level: (low/med) LOW

Time Analyzed: 14:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161479BS	PB161479BS	BP020612.D	06/13/2024
72-11985	P2857-01	BP020613.D	06/13/2024
ETGI-355	P2857-02	BP020614.D	06/13/2024
72-11989	P2855-05	BP020615.D	06/13/2024
WC-H	P2864-01	BP020616.D	06/13/2024
WC-HMS	P2864-01MS	BP020617.D	06/13/2024
WC-HMSD	P2864-01MSD	BP020618.D	06/13/2024
WC-I	P2864-05	BP020619.D	06/13/2024
NB-07-06122024	P2858-01	BP020620.D	06/13/2024
OK-02-06122024	P2859-01	BP020621.D	06/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2864-01MS		Client Sample ID: WC-HMS		DataFile: BP020617.D							
n-Nitrosodimethylamine	1200		870	ug/Kg	73				66	124	
Pyridine	1200		800	ug/Kg	67				45	119	
Benzaldehyde	1200		0	ug/Kg	0	*			26	163	
Aniline	1200		500	ug/Kg	42				10	88	
Phenol	1200		1000	ug/Kg	83				67	126	
bis(2-Chloroethyl)ether	1200		930	ug/Kg	78				74	116	
2-Chlorophenol	1200		1100	ug/Kg	92				61	138	
1,2-Dichlorobenzene	1200		1000	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1200		980	ug/Kg	82				62	101	
1,4-Dichlorobenzene	1200		1000	ug/Kg	83				63	104	
Benzyl Alcohol	1200		1000	ug/Kg	83				47	126	
2-Methylphenol	1200		1000	ug/Kg	83				66	122	
2,2-oxybis(1-Chloropropane)	1200		870	ug/Kg	73				52	115	
Acetophenone	1200		1000	ug/Kg	83				75	111	
3+4-Methylphenols	1200		1000	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1200		890	ug/Kg	74				59	119	
Hexachloroethane	1200		1000	ug/Kg	83				65	117	
Nitrobenzene	1200		970	ug/Kg	81				70	119	
Isophorone	1200		950	ug/Kg	79				76	122	
2-Nitrophenol	1200		1200	ug/Kg	100				54	145	
2,4-Dimethylphenol	1200		1100	ug/Kg	92				83	144	
bis(2-Chloroethoxy)methane	1200		950	ug/Kg	79				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92				57	103	
Benzoic acid	1200		1200	ug/Kg	100				50	104	
Naphthalene	1200		1000	ug/Kg	83				72	110	
4-Chloroaniline	1200		470	ug/Kg	39				10	100	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200		990	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2300		1900	ug/Kg	83				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1000	ug/Kg	83				75	113	
2-Chloronaphthalene	1200		1000	ug/Kg	83				67	118	
2-Nitroaniline	1200		1100	ug/Kg	92				69	127	
Dimethylphthalate	1200		1000	ug/Kg	83				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		1100	ug/Kg	92				70	125	
3-Nitroaniline	1200		800	ug/Kg	67				20	111	
Acenaphthene	1200		1000	ug/Kg	83				70	121	
Total PAH	19200		17080	ug/Kg	89				70	121	
2,4-Dinitrophenol	2300		1800	ug/Kg	78				16	160	
4-Nitrophenol	2300		2500	ug/Kg	109				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1100	ug/Kg	92				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2200	ug/Kg	92				55	128	
Diethylphthalate	1200		990	ug/Kg	83				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		1000	ug/Kg	83				68	116	
4-Nitroaniline	1200		1100	ug/Kg	92				55	120	
4,6-Dinitro-2-methylphenol	1200		1000	ug/Kg	83				32	145	
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92				73	118	
Azobenzene	1200		990	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1100	ug/Kg	92				67	118	
Atrazine	1200		1100	ug/Kg	92				79	127	
Pentachlorophenol	2300		2400	ug/Kg	104				47	128	
Phenanthrene	1200		1100	ug/Kg	92				72	113	
Anthracene	1200		1100	ug/Kg	92				62	124	
Carbazole	1200		1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200		1100	ug/Kg	92				69	118	
Fluoranthene	1200		1100	ug/Kg	92				59	125	
Benzydine	2300		940	ug/Kg	41				10	119	
Pyrene	1200		950	ug/Kg	79				52	128	
Butylbenzylphthalate	1200		1000	ug/Kg	83				64	126	
3,3-Dichlorobenzidine	1200		1200	ug/Kg	100				10	164	
Benzo(a)anthracene	1200		1100	ug/Kg	92				71	114	
Chrysene	1200		1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200		1000	ug/Kg	83				66	127	
Di-n-octyl phthalate	1200		1200	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1200		960	ug/Kg	80				67	121	
Benzo(k)fluoranthene	1200		970	ug/Kg	81				74	114	
Benzo(a)pyrene	1200		1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200		1200	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1200		1200	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	1200		1100	ug/Kg	92				53	140	
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92				69	124	
1,4-Dioxane	1200		850	ug/Kg	71				46	112	
2,3,4,6-Tetrachlorophenol	1200		1300	ug/Kg	108				56	133	
1-Methylnaphthalene	1200		940	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2864-01MSD		Client Sample ID: WC-HMSD		DataFile: BP020618.D							
n-Nitrosodimethylamine	1200		860	ug/Kg	72		1		66	124	20
Pyridine	1200		800	ug/Kg	67		0		45	119	20
Benzaldehyde	1200		0	ug/Kg	0	*			26	163	20
Aniline	1200		520	ug/Kg	43		2		10	88	20
Phenol	1200		1000	ug/Kg	83		0		67	126	20
bis(2-Chloroethyl)ether	1200		940	ug/Kg	78		0		74	116	20
2-Chlorophenol	1200		1100	ug/Kg	92		0		61	138	20
1,2-Dichlorobenzene	1200		990	ug/Kg	83		0		61	105	20
1,3-Dichlorobenzene	1200		990	ug/Kg	83		1		62	101	20
1,4-Dichlorobenzene	1200		990	ug/Kg	83		0		63	104	20
Benzyl Alcohol	1200		980	ug/Kg	82		1		47	126	20
2-Methylphenol	1200		990	ug/Kg	83		0		66	122	20
2,2-oxybis(1-Chloropropane)	1200		840	ug/Kg	70		4		52	115	20
Acetophenone	1200		990	ug/Kg	83		0		75	111	20
3+4-Methylphenols	1200		1000	ug/Kg	83		0		53	132	20
N-Nitroso-di-n-propylamine	1200		870	ug/Kg	73		1		59	119	20
Hexachloroethane	1200		980	ug/Kg	82		1		65	117	20
Nitrobenzene	1200		960	ug/Kg	80		1		70	119	20
Isophorone	1200		930	ug/Kg	78		1		76	122	20
2-Nitrophenol	1200		1200	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1200		1100	ug/Kg	92		0		83	144	20
bis(2-Chloroethoxy)methane	1200		940	ug/Kg	78		1		68	112	20
2,4-Dichlorophenol	1200		1100	ug/Kg	92		0		72	118	20
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83		10		57	103	20
Benzoic acid	1200		1200	ug/Kg	100		0		50	104	20
Naphthalene	1200		1000	ug/Kg	83		0		72	110	20
4-Chloroaniline	1200		460	ug/Kg	38		3		10	100	20
Hexachlorobutadiene	1200		1000	ug/Kg	83		10		66	114	20
Caprolactam	1200		1000	ug/Kg	83		0		51	134	20
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83		10		57	132	20
2-Methylnaphthalene	1200		960	ug/Kg	80		4		59	123	20
Hexachlorocyclopentadiene	2300		1800	ug/Kg	78		6		10	175	20
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100		8		72	117	20
1,1-Biphenyl	1200		1000	ug/Kg	83		0		75	113	20
2-Chloronaphthalene	1200		1000	ug/Kg	83		0		67	118	20
2-Nitroaniline	1200		1200	ug/Kg	100		8		69	127	20
Dimethylphthalate	1200		1000	ug/Kg	83		0		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		0		79	118	20
2,6-Dinitrotoluene	1200		1100	ug/Kg	92		0		70	125	20
3-Nitroaniline	1200		790	ug/Kg	66		2		20	111	20
Acenaphthene	1200		1000	ug/Kg	83		0		70	121	20
Total PAH	19200		17080	ug/Kg	89		0		70	121	20
2,4-Dinitrophenol	2300		1800	ug/Kg	78		0		16	160	20
4-Nitrophenol	2300		2500	ug/Kg	109		0		45	133	20
Dibenzofuran	1200		1100	ug/Kg	92		10		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1100	ug/Kg	92		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2200	ug/Kg	92		0		55	128	20
Diethylphthalate	1200		1000	ug/Kg	83		0		70	112	20
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83		0		71	108	20
Fluorene	1200		1000	ug/Kg	83		0		68	116	20
4-Nitroaniline	1200		1000	ug/Kg	83		10		55	120	20
4,6-Dinitro-2-methylphenol	1200		980	ug/Kg	82		1		32	145	20
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92		0		73	118	20
Azobenzene	1200		990	ug/Kg	83		0		73	110	20
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92		0		65	121	20
Hexachlorobenzene	1200		1100	ug/Kg	92		0		67	118	20
Atrazine	1200		1100	ug/Kg	92		0		79	127	20
Pentachlorophenol	2300		2400	ug/Kg	104		0		47	128	20
Phenanthrene	1200		1100	ug/Kg	92		0		72	113	20
Anthracene	1200		1100	ug/Kg	92		0		62	124	20
Carbazole	1200		1100	ug/Kg	92		0		59	119	20
Di-n-butylphthalate	1200		1100	ug/Kg	92		0		69	118	20
Fluoranthene	1200		1100	ug/Kg	92		0		59	125	20
Benzydine	2300		1000	ug/Kg	43		5		10	119	20
Pyrene	1200		930	ug/Kg	78		1		52	128	20
Butylbenzylphthalate	1200		980	ug/Kg	82		1		64	126	20
3,3-Dichlorobenzidine	1200		1200	ug/Kg	100		0		10	164	20
Benzo(a)anthracene	1200		1100	ug/Kg	92		0		71	114	20
Chrysene	1200		1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1000	ug/Kg	83		0		66	127	20
Di-n-octyl phthalate	1200		1200	ug/Kg	100		0		71	126	20
Benzo(b)fluoranthene	1200		970	ug/Kg	81		1		67	121	20
Benzo(k)fluoranthene	1200		980	ug/Kg	82		1		74	114	20
Benzo(a)pyrene	1200		1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1200	ug/Kg	100		0		61	125	20
Dibenz(a,h)anthracene	1200		1200	ug/Kg	100		0		67	130	20
Benzo(g,h,i)perylene	1200		1100	ug/Kg	92		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92		0		69	124	20
1,4-Dioxane	1200		840	ug/Kg	70		1		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		8		56	133	20
1-Methylnaphthalene	1200		920	ug/Kg	77		1		70	130	20

Surrogate Summary

SW-846

SDG No.: **BP061324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2855-05	72-11989	BP020615.D	2-Fluorophenol	150	100.51	67		18	112
			Phenol-d6	150	90.28	60		15	107
			Nitrobenzene-d5	100	62.69	63		18	107
			2-Fluorobiphenyl	100	63.63	64		20	109
			2,4,6-Tribromophenol	150	127.14	85		10	110
			Terphenyl-d14	100	59.51	60		14	112
P2857-01	72-11985	BP020613.D	2-Fluorophenol	150	109.18	73		18	112
			Phenol-d6	150	107.51	72		15	107
			Nitrobenzene-d5	100	74.89	75		18	107
			2-Fluorobiphenyl	100	77.72	78		20	109
			2,4,6-Tribromophenol	150	132.56	88		10	110
			Terphenyl-d14	100	71.51	72		14	112
P2857-02	ETGI-355	BP020614.D	2-Fluorophenol	150	88.67	59		18	112
			Phenol-d6	150	91.65	61		15	107
			Nitrobenzene-d5	100	71.02	71		18	107
			2-Fluorobiphenyl	100	71.64	72		20	109
			2,4,6-Tribromophenol	150	84.32	56		10	110
			Terphenyl-d14	100	68.64	69		14	112
P2858-01	NB-07-06122024	BP020620.D	2-Fluorophenol	150	97.96	65		18	112
			Phenol-d6	150	89.34	60		15	107
			Nitrobenzene-d5	100	60.29	60		18	107
			2-Fluorobiphenyl	100	63.76	64		20	109
			2,4,6-Tribromophenol	150	109.69	73		10	110
			Terphenyl-d14	100	57.42	57		14	112
P2859-01	OK-02-06122024	BP020621.D	2-Fluorophenol	150	94.11	63		18	112
			Phenol-d6	150	84.52	56		15	107
			Nitrobenzene-d5	100	57.42	57		18	107
			2-Fluorobiphenyl	100	60.19	60		20	109
			2,4,6-Tribromophenol	150	115.01	77		10	110
			Terphenyl-d14	100	58.19	58		14	112
P2864-01	WC-H	BP020616.D	2-Fluorophenol	150	121.64	81		18	112
			Phenol-d6	150	113.37	76		15	107
			Nitrobenzene-d5	100	76.09	76		18	107
			2-Fluorobiphenyl	100	76.02	76		20	109
			2,4,6-Tribromophenol	150	161.54	108		10	110
			Terphenyl-d14	100	68.10	68		14	112
P2864-01MS	WC-HMS	BP020617.D	2-Fluorophenol	150	115.97	77		18	112
			Phenol-d6	150	108.67	72		15	107
			Nitrobenzene-d5	100	72.14	72		18	107
			2-Fluorobiphenyl	100	71.32	71		20	109
			2,4,6-Tribromophenol	150	152.04	101		10	110
			Terphenyl-d14	100	65.54	66		14	112
P2864-01MSD	WC-HMSD	BP020618.D	2-Fluorophenol	150	115.70	77		18	112
			Phenol-d6	150	107.50	72		15	107
			Nitrobenzene-d5	100	71.69	72		18	107
			2-Fluorobiphenyl	100	73.27	73		20	109
			2,4,6-Tribromophenol	150	152.40	102		10	110
			Terphenyl-d14	100	62.81	63		14	112
P2864-05	WC-I	BP020619.D	2-Fluorophenol	150	84.52	56		18	112

Surrogate Summary

SW-846

SDG No.: **BP061324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2864-05	WC-I	BP020619.D	Phenol-d6	150	77.96	52		15	107
			Nitrobenzene-d5	100	51.96	52		18	107
			2-Fluorobiphenyl	100	54.32	54		20	109
			2,4,6-Tribromophenol	150	105.82	71		10	110
			Terphenyl-d14	100	49.96	50		14	112
PB161479BL	PB161479BL	BP020611.D	2-Fluorophenol	150	127.31	85		18	112
			Phenol-d6	150	108.79	73		15	107
			Nitrobenzene-d5	100	80.80	81		18	107
			2-Fluorobiphenyl	100	81.28	81		20	109
			2,4,6-Tribromophenol	150	130.51	87		10	110
PB161479BS	PB161479BS	BP020612.D	Terphenyl-d14	100	70.71	71		14	112
			2-Fluorophenol	150	131.36	88		18	112
			Phenol-d6	150	114.87	77		15	107
			Nitrobenzene-d5	100	81.13	81		18	107
			2-Fluorobiphenyl	100	84.01	84		20	109
			2,4,6-Tribromophenol	150	156.33	104		10	110
			Terphenyl-d14	100	74.42	74		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP061324

Lab Code: CHEM

SAS No.: BP061324

SDG NO.: BP061324

Lab File ID: BP020609.D

DFTPP Injection Date: 06/13/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.8
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	29.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.7
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	6.5
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BP020610.D	06/13/2024	12:51
PB161479BL	PB161479BL	BP020611.D	06/13/2024	14:16
PB161479BS	PB161479BS	BP020612.D	06/13/2024	14:58
72-11985	P2857-01	BP020613.D	06/13/2024	15:54
ETGI-355	P2857-02	BP020614.D	06/13/2024	16:38
72-11989	P2855-05	BP020615.D	06/13/2024	17:22
WC-H	P2864-01	BP020616.D	06/13/2024	18:06
WC-HMS	P2864-01MS	BP020617.D	06/13/2024	18:50
WC-HMSD	P2864-01MSD	BP020618.D	06/13/2024	19:34
WC-I	P2864-05	BP020619.D	06/13/2024	20:19
NB-07-06122024	P2858-01	BP020620.D	06/13/2024	21:03
OK-02-06122024	P2859-01	BP020621.D	06/13/2024	21:47