

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP060624 SAS No.: BP060624 SDG No.: BP060624

Instrument ID: BNA_P Calibration Date/Time: 6/6/2024 12:11:30

Lab File ID: BP020537.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	0.541		-12.175	
Pyridine	1.269	1.200		-5.437	
2-Fluorophenol	1.117	1.108		-0.806	
Benzaldehyde	1.010	0.833		-17.525	
Aniline	1.596	1.399		-12.343	
Phenol-d6	1.575	1.447		-8.127	
Phenol	1.614	1.465		-9.232	20.0
bis(2-Chloroethyl) ether	1.331	1.218		-8.49	
2-Chlorophenol	1.252	1.233		-1.518	
1,2-Dichlorobenzene	1.447	1.413		-2.35	
1,3-Dichlorobenzene	1.475	1.463		-0.814	
1,4-Dichlorobenzene	1.499	1.468		-2.068	20.0
Benzyl Alcohol	1.164	1.030		-11.512	
2-Methylphenol	1.095	1.006		-8.128	
2,2-oxybis(1-Chloropropane)	1.987	1.634		-17.765	
Acetophenone	0.496	0.482		-2.823	
3+4-Methylphenols	1.489	1.393		-6.447	
n-Nitroso-di-n-propylamine	1.075	0.931	0.050	-13.395	
Nitrobenzene-d5	0.365	0.364		-0.274	
Hexachloroethane	0.548	0.545		-0.547	
Nitrobenzene	0.371	0.360		-2.965	
Isophorone	0.710	0.660		-7.042	
2-Nitrophenol	0.128	0.165		28.906	20.0
2,4-Dimethylphenol	0.214	0.207		-3.271	
bis(2-Chloroethoxy) methane	0.436	0.401		-8.028	
2,4-Dichlorophenol	0.288	0.298		3.472	20.0
1,2,4-Trichlorobenzene	0.342	0.350		2.339	
Benzoic acid	0.181	0.214		18.232	
Naphthalene	1.022	1.011		-1.076	
4-Chloroaniline	0.396	0.348		-12.121	
Hexachlorobutadiene	0.215	0.233		8.372	20.0
Caprolactam	0.105	0.087		-17.143	
4-Chloro-3-methylphenol	0.337	0.307		-8.902	20.0
2-Methylnaphthalene	0.733	0.677		-7.64	
Hexachlorocyclopentadiene	0.203	0.266	0.050	31.034	
2,4,6-Trichlorophenol	0.350	0.405		15.714	20.0
2-Fluorobiphenyl	1.342	1.414		5.365	
2,4,5-Trichlorophenol	0.404	0.437		8.168	
1,1-Biphenyl	1.411	1.463		3.685	

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Lab Code: CHEM Case No.: BP060624 SAS No.: BP060624 SDG No.: BP060624

Instrument ID: BNA_P Calibration Date/Time: 6/6/2024 12:11:30

Lab File ID: BP020537.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	1.169		4.189	
2-Nitroaniline	0.304	0.310		1.974	
Dimethylphthalate	1.410	1.312		-6.95	
Acenaphthylene	1.665	1.665		0.0	
2,6-Dinitrotoluene	0.301	0.298		-0.997	
3-Nitroaniline	0.302	0.271		-10.265	
Acenaphthene	1.050	1.045		-0.476	20.0
2,4-Dinitrophenol	0.104	0.124	0.050	19.231	
4-Nitrophenol	0.234	0.206	0.050	-11.966	
Dibenzofuran	1.664	1.587		-4.627	
2,4-Dinitrotoluene	0.396	0.371		-6.313	
Diethylphthalate	1.433	1.255		-12.421	
4-Chlorophenyl-phenylether	0.689	0.673		-2.322	
Fluorene	1.336	1.256		-5.988	
4-Nitroaniline	0.311	0.247		-20.579	
4,6-Dinitro-2-methylphenol	0.078	0.103		32.051	
n-Nitrosodiphenylamine	0.550	0.604		9.818	20.0
Azobenzene	1.338	1.153		-13.827	
2,4,6-Tribromophenol	0.208	0.225		8.173	
4-Bromophenyl-phenylether	0.205	0.231		12.683	
Hexachlorobenzene	0.241	0.265		9.959	
Atrazine	0.193	0.178		-7.772	
Pentachlorophenol	0.146	0.162		10.959	20.0
Phenanthrene	0.983	0.996		1.322	
Anthracene	0.965	0.963		-0.207	
Carbazole	0.933	0.851		-8.789	
Di-n-butylphthalate	1.130	1.020		-9.735	
Fluoranthene	1.163	1.041		-10.49	20.0
Benzidine	0.610	0.369		-39.508	
Pyrene	1.504	1.321		-12.168	
Terphenyl-d14	1.201	1.073		-10.658	
Butylbenzylphthalate	0.549	0.531		-3.279	
3,3-Dichlorobenzidine	0.391	0.474		21.228	
Benzo(a)anthracene	1.317	1.277		-3.037	
Chrysene	1.241	1.239		-0.161	
Bis(2-ethylhexyl)phthalate	0.856	0.820		-4.206	
Di-n-octyl phthalate	1.244	1.518		22.026	20.0
Benzo(b)fluoranthene	1.246	1.138		-8.668	
Benzo(k)fluoranthene	1.215	1.123		-7.572	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP060624 SAS No.: BP060624 SDG No.: BP060624
 Instrument ID: BNA_P Calibration Date/Time: 6/6/2024 12:11:30
 Lab File ID: BP020537.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	1.037		0.484	20.0
Indeno(1,2,3-cd)pyrene	1.216	1.412		16.118	
Dibenzo(a,h)anthracene	1.014	1.169		15.286	
Benzo(g,h,i)perylene	1.014	1.166		14.99	
1,2,4,5-Tetrachlorobenzene	0.579	0.639		10.363	
1,4-Dioxane	0.451	0.439		-2.661	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.345		4.545	
1-Methylnaphthalene	0.726	0.663		-8.678	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	6/1/2024 12:00:00 AM	
Project:				Date Received:	6/1/2024 12:00:00 AM	
Client Sample ID:	PB161260BL			SDG No.:	BP060624	
Lab Sample ID:	PB161260BL			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
BP020538.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

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

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	PB161260BL	SDG No.:	BP060624
Lab Sample ID:	PB161260BL	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
BP020538.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

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



Client:				Date Collected:	6/1/2024 12:00:00 AM	
Project:				Date Received:	6/1/2024 12:00:00 AM	
Client Sample ID:	PB161260BL			SDG No.:	BP060624	
Lab Sample ID:	PB161260BL			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
BP020538.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

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	138.758		18-112		93	SPK: -150
13127-88-3	Phenol-d6	123.469		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	85.045		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	84.084		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	PB161260BL	SDG No.:	BP060624
Lab Sample ID:	PB161260BL	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
BP020538.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.781		10-110		99	SPK: -150
1718-51-0	Terphenyl-d14	79.725		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	332310	7.769				
1146-65-2	Naphthalene-d8	1285371	10.534				
15067-26-2	Acenaphthene-d10	796387	14.387				
1517-22-2	Phenanthrene-d10	1596363	17.198				
1719-03-5	Chrysene-d12	1197301	21.645				
1520-96-3	Perylene-d12	1344309	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	77.3	J			3.04	

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	PB161260BS	SDG No.:	BP060624
Lab Sample ID:	PB161260BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BP020539.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1000		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	590		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	640		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	PB161260BS	SDG No.:	BP060624
Lab Sample ID:	PB161260BS	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
BP020539.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

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	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	27600		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		85	130	170	ug/Kg
1912-24-9	Atrazine	910		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	PB161260BS	SDG No.:	BP060624
Lab Sample ID:	PB161260BS	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
BP020539.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1700		84	130	170	ug/Kg
120-12-7	Anthracene	1700		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	630		160	270	330	ug/Kg
129-00-0	Pyrene	1400		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	147.654		18-112		98	SPK: -150
13127-88-3	Phenol-d6	128.45		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	91.35		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	96.993		20-109		97	SPK: -100

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	PB161260BS	SDG No.:	BP060624
Lab Sample ID:	PB161260BS	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
BP020539.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	167.221	*	10-110		111	SPK: -150
1718-51-0	Terphenyl-d14	82.22		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	384585	7.763				
1146-65-2	Naphthalene-d8	1411599	10.534				
15067-26-2	Acenaphthene-d10	751735	14.387				
1517-22-2	Phenanthrene-d10	1421156	17.198				
1719-03-5	Chrysene-d12	1272675	21.645				
1520-96-3	Perylene-d12	1482068	25.004				

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BP060624
Lab Sample ID:	PB161222BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BP020540.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

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

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BP060624
Lab Sample ID:	PB161222BL	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
BP020540.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	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	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	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	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BP060624
Lab Sample ID:	PB161222BL	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
BP020540.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140.267		18-112		94	SPK: -150
13127-88-3	Phenol-d6	127.037		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	84.519		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.775		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BL	SDG No.:	BP060624
Lab Sample ID:	PB161222BL	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
BP020540.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.649		10-110		93	SPK: -150
1718-51-0	Terphenyl-d14	81.93		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331259	7.757				
1146-65-2	Naphthalene-d8	1319361	10.533				
15067-26-2	Acenaphthene-d10	836597	14.392				
1517-22-2	Phenanthrene-d10	1567267	17.192				
1719-03-5	Chrysene-d12	1033935	21.651				
1520-96-3	Perylene-d12	1301453	25.003				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	75.6	J			3.034	

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BS	SDG No.:	BP060624
Lab Sample ID:	PB161222BS	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
BP020541.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	660		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	590		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BS	SDG No.:	BP060624
Lab Sample ID:	PB161222BS	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
BP020541.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	27300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	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	1800		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	130	170	ug/Kg
1912-24-9	Atrazine	870		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BS	SDG No.:	BP060624
Lab Sample ID:	PB161222BS	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
BP020541.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	630		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	150.181		18-112		100	SPK: -150
13127-88-3	Phenol-d6	133.501		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	92.132		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	97.445		20-109		97	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	PB161222BS	SDG No.:	BP060624
Lab Sample ID:	PB161222BS	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
BP020541.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.866		10-110		109	SPK: -150
1718-51-0	Terphenyl-d14	80.545		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	370157	7.763				
1146-65-2	Naphthalene-d8	1428696	10.534				
15067-26-2	Acenaphthene-d10	779933	14.387				
1517-22-2	Phenanthrene-d10	1417252	17.198				
1719-03-5	Chrysene-d12	1240038	21.645				
1520-96-3	Perylene-d12	1442139	25.01				



Client:			Date Collected:	6/3/2024 12:00:00 AM	
Project:			Date Received:	6/3/2024 12:00:00 AM	
Client Sample ID:	PB161290BS		SDG No.:	BP060624	
Lab Sample ID:	PB161290BS		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
BP020542.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	230	J	180	270	330	ug/Kg
62-53-3	Aniline	830		96.8	130	170	ug/Kg
108-95-2	Phenol	1300		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1200		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1200		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1200		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1300		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	590		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	PB161290BS	SDG No.:	BP060624
Lab Sample ID:	PB161290BS	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
BP020542.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1300		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	23700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2700		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1300		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	PB161290BS	SDG No.:	BP060624
Lab Sample ID:	PB161290BS	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
BP020542.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	670		160	270	330	ug/Kg
129-00-0	Pyrene	1200		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.271		18-112		86	SPK: -150
13127-88-3	Phenol-d6	108.85		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	81.731		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	85.846		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	PB161290BS	SDG No.:	BP060624
Lab Sample ID:	PB161290BS	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
BP020542.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.346		10-110		96	SPK: -150
1718-51-0	Terphenyl-d14	71.379		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280216	7.763				
1146-65-2	Naphthalene-d8	997174	10.54				
15067-26-2	Acenaphthene-d10	563266	14.393				
1517-22-2	Phenanthrene-d10	1119554	17.204				
1719-03-5	Chrysene-d12	1148508	21.645				
1520-96-3	Perylene-d12	1355563	25.004				

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP060624
Lab Sample ID:	P2683-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020543.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.5	U	60.5	190	230	ug/Kg
110-86-1	Pyridine	55.7	U	55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.5	U	67.5	90.6	120	ug/Kg
108-95-2	Phenol	57.8	U	57.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.3	U	58.3	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	58.2	U	58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59	U	59	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.9	U	59.9	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.3	U	60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	57.8	U	57.8	190	230	ug/Kg
95-48-7	2-Methylphenol	56.2	U	56.2	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.3	U	63.3	90.6	120	ug/Kg
98-86-2	Acetophenone	60.6	U	60.6	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.6	U	55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	57.8	U	57.8	90.6	120	ug/Kg
98-95-3	Nitrobenzene	63.3	U	63.3	90.6	120	ug/Kg
78-59-1	Isophorone	59	U	59	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	65.9	U	65.9	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.9	U	64.9	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.8	U	59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.6	U	52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.5	U	59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	280		170	190	230	ug/Kg
91-20-3	Naphthalene	57.6	U	57.6	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	57.6	U	57.6	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP060624
Lab Sample ID:	P2683-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020543.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.5	U	60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.5	U	57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.8	U	49.8	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.6	U	51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	60.9	U	60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	66.2	U	66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	56.9	U	56.9	90.6	120	ug/Kg
208-96-8	Acenaphthylene	60.3	U	60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	90.6	120	ug/Kg
83-32-9	Acenaphthene	56.5	U	56.5	90.6	120	ug/Kg
Total PAH	Total PAH	3278.2	U	923.3	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.8	U	80.8	190	230	ug/Kg
132-64-9	Dibenzofuran	58.8	U	58.8	90.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.1	U	60.1	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.1	U	118.1	90.6	240	ug/Kg
84-66-2	Diethylphthalate	55.8	U	55.8	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.6	U	59.6	90.6	120	ug/Kg
86-73-7	Fluorene	59.6	U	59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	74.6	U	74.6	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.5	U	81.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.9	U	56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	55.5	U	55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	59.2	U	59.2	90.6	120	ug/Kg
1912-24-9	Atrazine	63.7	U	63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP060624
Lab Sample ID:	P2683-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020543.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.9	U	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	340		58.5	90.6	120	ug/Kg
120-12-7	Anthracene	91.4	J	58.8	90.6	120	ug/Kg
86-74-8	Carbazole	56	U	56	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.7	U	58.7	90.6	120	ug/Kg
206-44-0	Fluoranthene	580		56.9	90.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	440		57.8	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.5	U	67.5	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.7	U	68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	300		56.2	90.6	120	ug/Kg
218-01-9	Chrysene	300		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.4	U	63.4	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.7	U	76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	57.6	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	310		64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		54.4	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.8	J	56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		55.8	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.5	U	60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	76.7	U	76.7	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.1	U	52.1	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.408		18-112		54	SPK: -150
13127-88-3	Phenol-d6	74.528		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	50.057		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	47.649		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP060624
Lab Sample ID:	P2683-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020543.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.784		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	41.907		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	270532	7.752				
1146-65-2	Naphthalene-d8	1072447	10.522				
15067-26-2	Acenaphthene-d10	680995	14.393				
1517-22-2	Phenanthrene-d10	1410462	17.186				
1719-03-5	Chrysene-d12	1310916	21.651				
1520-96-3	Perylene-d12	1539217	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	780	J			3.028	
000080-56-8	.alpha.-Pinene	230	J			6.464	
000087-44-5	Caryophyllene	230	J			13.704	
000057-11-4	Octadecanoic acid	1300	J			15.592	
001002-84-2	Pentadecanoic acid	1600	J			15.628	
055720-37-1	Naphthalene, 1,3,7-trichloro-	180	J			16.751	
055720-40-6	Naphthalene, 2,3,6-trichloro-	200	J			17.398	
055720-43-9	Naphthalene, 1,4,6,7-tetrachloro-	270	J			18.075	
000057-10-3	n-Hexadecanoic acid	430	J			18.145	
004206-58-0	trans-Sinapaldehyde	510	J			18.416	
020675-96-1	trans-Sinapyl alcohol	260	J			18.457	
020020-02-4	Naphthalene, 1,2,3,4-tetrachloro-	160	J			18.839	
000122-69-0	Cinnamyl cinnamate	490	J			21.128	
013475-75-7	Pentadecane, 8-hexyl-	440	J			21.433	
000638-68-6	Triacotane	440	J			22.269	
000646-31-1	Tetracosane	440	J			23.204	
000112-84-5	13-Docosenamide, (Z)-	130	J			23.274	
000544-77-4	Hexadecane, 1-iodo-	180	J			24.28	
013475-77-9	Eicosane, 9-octyl-	770	J			25.58	

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP060624
Lab Sample ID:	P2683-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020543.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
055320-06-4	Heneicosane, 11-decyl-	280	J			27.098	

Report of Analysis

Client:				Date Collected:	5/30/2024 12:00:00 AM		
Project:				Date Received:	5/30/2024 12:00:00 AM		
Client Sample ID:	WC-TP-1			SDG No.:	BP060624		
Lab Sample ID:	P2668-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13.8		
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020544.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.3	U	60.3	190	230	ug/Kg
110-86-1	Pyridine	55.5	U	55.5	90.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.4	U	67.4	90.4	120	ug/Kg
108-95-2	Phenol	57.6	U	57.6	90.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.2	U	58.2	90.4	120	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	90.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.8	U	58.8	90.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.8	U	59.8	90.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.1	U	60.1	90.4	120	ug/Kg
100-51-6	Benzyl Alcohol	57.7	U	57.7	190	230	ug/Kg
95-48-7	2-Methylphenol	56	U	56	90.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.2	U	63.2	90.4	120	ug/Kg
98-86-2	Acetophenone	60.4	U	60.4	90.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.5	U	55.5	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.6	55.6	ug/Kg
67-72-1	Hexachloroethane	57.7	U	57.7	90.4	120	ug/Kg
98-95-3	Nitrobenzene	63.1	U	63.1	90.4	120	ug/Kg
78-59-1	Isophorone	58.8	U	58.8	90.4	120	ug/Kg
88-75-5	2-Nitrophenol	65.7	U	65.7	90.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	90.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.6	U	59.6	90.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.5	U	52.5	90.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.4	U	59.4	90.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.4	U	57.4	90.4	120	ug/Kg
106-47-8	4-Chloroaniline	57.4	U	57.4	90.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.9	U	57.9	90.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-1	SDG No.:	BP060624
Lab Sample ID:	P2668-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP020544.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.3	U	60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.9	U	53.9	90.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.3	U	57.3	90.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.6	U	49.6	90.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.4	U	51.4	90.4	120	ug/Kg
92-52-4	1,1-Biphenyl	60.8	U	60.8	90.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.9	U	57.9	90.4	120	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	90.4	120	ug/Kg
131-11-3	Dimethylphthalate	56.8	U	56.8	90.4	120	ug/Kg
208-96-8	Acenaphthylene	60.1	U	60.1	90.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.8	U	57.8	90.4	120	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	90.4	120	ug/Kg
83-32-9	Acenaphthene	100	J	56.4	90.4	120	ug/Kg
Total PAH	Total PAH	6637		921.1	90.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.6	U	80.6	190	230	ug/Kg
132-64-9	Dibenzofuran	58.7	U	58.7	90.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.9	U	59.9	90.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.7	U	117.7	90.4	240	ug/Kg
84-66-2	Diethylphthalate	55.7	U	55.7	90.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.5	U	59.5	90.4	120	ug/Kg
86-73-7	Fluorene	67.3	J	59.4	90.4	120	ug/Kg
100-01-6	4-Nitroaniline	74.4	U	74.4	90.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.3	U	81.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.7	U	56.7	90.4	120	ug/Kg
103-33-3	Azobenzene	55.3	U	55.3	90.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.8	U	54.8	90.4	120	ug/Kg
118-74-1	Hexachlorobenzene	59.1	U	59.1	90.4	120	ug/Kg
1912-24-9	Atrazine	63.5	U	63.5	90.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-1	SDG No.:	BP060624
Lab Sample ID:	P2668-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP020544.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.7	U	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	580		58.4	90.4	120	ug/Kg
120-12-7	Anthracene	190		58.7	90.4	120	ug/Kg
86-74-8	Carbazole	88.4	J	55.8	90.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.6	U	58.6	90.4	120	ug/Kg
206-44-0	Fluoranthene	1300		56.8	90.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	920		57.7	90.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.3	U	67.3	90.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.5	U	68.5	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	570		56.1	90.4	120	ug/Kg
218-01-9	Chrysene	540		55.3	90.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72.3	J	63.3	90.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.5	U	76.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		56.4	90.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		57.4	90.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	590		64.6	90.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		54.3	90.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.7	J	56.4	90.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450		55.7	90.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.3	U	60.3	90.4	120	ug/Kg
123-91-1	1,4-Dioxane	76.5	U	76.5	90.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.9	U	51.9	90.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.8	U	57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.164		18-112		53	SPK: -150
13127-88-3	Phenol-d6	74.367		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	50.103		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	48.069		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-1	SDG No.:	BP060624
Lab Sample ID:	P2668-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP020544.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.283		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	43.972		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258347	7.758				
1146-65-2	Naphthalene-d8	1021950	10.534				
15067-26-2	Acenaphthene-d10	651723	14.387				
1517-22-2	Phenanthrene-d10	1279010	17.192				
1719-03-5	Chrysene-d12	1254360	21.651				
1520-96-3	Perylene-d12	1498372	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J			3.028	
000078-40-0	Triethyl phosphate	150	J			9.222	
004537-13-7	Benzene, (1-methylnonyl)-	130	J			15.357	
004537-14-8	Benzene, (1-pentylhexyl)-	250	J			15.587	
004537-15-9	Benzene, (1-butylheptyl)-	390	J			15.616	
004536-86-1	Benzene, (1-propyloctyl)-	310	J			15.71	
002719-62-2	Benzene, (1-pentylheptyl)-	160	J			16.428	
002719-63-3	Benzene, (1-butyloctyl)-	140	J			16.463	
002719-64-4	Benzene, (1-propylnonyl)-	110	J			16.593	
002719-61-1	Benzene, (1-methylundecyl)-	120	J			17.104	
004534-51-4	Benzene, (1-propyldecyl)-	220	J			17.398	
004534-53-6	Benzene, (1-methyldodecyl)-	220	J			17.904	
004534-54-7	Benzene, (1-hexyloctyl)-	260	J			17.969	
1010400-45-2	acetamide, N-(5,6,7,8-tetrahydro-5	190	J			17.992	
004534-50-3	Benzene, (1-butyl-nonyl)-	220	J			18.051	
002400-03-5	Benzene, (1-propylheptadecyl)-	190	J			18.157	
002400-00-2	Benzene, (1-ethyldecyl)-	160	J			18.357	
004534-59-2	Benzene, (1-methyltridecyl)-	170	J			18.639	
000192-97-2	Benzo[e]pyrene	530	J			24.698	

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-1	SDG No.:	BP060624
Lab Sample ID:	P2668-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP020544.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	140	J			25.092	

Report of Analysis

Client:				Date Collected:	5/30/2024 12:00:00 AM		
Project:				Date Received:	5/30/2024 12:00:00 AM		
Client Sample ID:	WC-TP-2			SDG No.:	BP060624		
Lab Sample ID:	P2668-05			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	16.7		
Sample Wt/Vol:	50.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020545.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.5	U	62.5	190	240	ug/Kg
110-86-1	Pyridine	57.5	U	57.5	93.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.7	U	69.7	93.5	120	ug/Kg
108-95-2	Phenol	59.7	U	59.7	93.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.2	U	60.2	93.5	120	ug/Kg
95-57-8	2-Chlorophenol	60.1	U	60.1	93.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.9	U	60.9	93.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.9	U	61.9	93.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62.2	U	62.2	93.5	120	ug/Kg
100-51-6	Benzyl Alcohol	59.7	U	59.7	190	240	ug/Kg
95-48-7	2-Methylphenol	58	U	58	93.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.4	U	65.4	93.5	120	ug/Kg
98-86-2	Acetophenone	62.5	U	62.5	93.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.4	U	57.4	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29	U	29	57.6	57.6	ug/Kg
67-72-1	Hexachloroethane	59.7	U	59.7	93.5	120	ug/Kg
98-95-3	Nitrobenzene	65.3	U	65.3	93.5	120	ug/Kg
78-59-1	Isophorone	60.9	U	60.9	93.5	120	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	93.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.1	U	67.1	93.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.7	U	61.7	93.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.3	U	54.3	93.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.5	U	61.5	93.5	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	59.4	U	59.4	93.5	120	ug/Kg
106-47-8	4-Chloroaniline	59.4	U	59.4	93.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.9	U	59.9	93.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-2	SDG No.:	BP060624
Lab Sample ID:	P2668-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
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
BP020545.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.5	U	62.5	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.8	U	55.8	93.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	59.4	U	59.4	93.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.4	U	51.4	93.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.2	U	53.2	93.5	120	ug/Kg
92-52-4	1,1-Biphenyl	62.9	U	62.9	93.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.9	U	59.9	93.5	120	ug/Kg
88-74-4	2-Nitroaniline	68.4	U	68.4	93.5	120	ug/Kg
131-11-3	Dimethylphthalate	58.8	U	58.8	93.5	120	ug/Kg
208-96-8	Acenaphthylene	62.2	U	62.2	93.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.9	U	59.9	93.5	120	ug/Kg
99-09-2	3-Nitroaniline	64.2	U	64.2	93.5	120	ug/Kg
83-32-9	Acenaphthene	58.4	U	58.4	93.5	120	ug/Kg
Total PAH	Total PAH	1870.4	U	953.3	93.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	83.5	U	83.5	190	240	ug/Kg
132-64-9	Dibenzofuran	60.7	U	60.7	93.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	121.9	U	121.9	93.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	93.5	120	ug/Kg
84-66-2	Diethylphthalate	57.6	U	57.6	93.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.6	U	61.6	93.5	120	ug/Kg
86-73-7	Fluorene	61.5	U	61.5	93.5	120	ug/Kg
100-01-6	4-Nitroaniline	77	U	77	93.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84.2	U	84.2	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.7	U	58.7	93.5	120	ug/Kg
103-33-3	Azobenzene	57.3	U	57.3	93.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.8	U	56.8	93.5	120	ug/Kg
118-74-1	Hexachlorobenzene	61.2	U	61.2	93.5	120	ug/Kg
1912-24-9	Atrazine	65.8	U	65.8	93.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-2	SDG No.:	BP060624
Lab Sample ID:	P2668-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
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
BP020545.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.6	U	55.6	190	240	ug/Kg
85-01-8	Phenanthrene	60.4	U	60.4	93.5	120	ug/Kg
120-12-7	Anthracene	60.7	U	60.7	93.5	120	ug/Kg
86-74-8	Carbazole	57.8	U	57.8	93.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.7	U	60.7	93.5	120	ug/Kg
206-44-0	Fluoranthene	420		58.8	93.5	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	380		59.7	93.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.7	U	69.7	93.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.9	U	70.9	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	190		58.1	93.5	120	ug/Kg
218-01-9	Chrysene	190		57.2	93.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.5	U	65.5	93.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	79.2	U	79.2	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		58.4	93.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	70.4	J	59.4	93.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	180		66.9	93.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	56.2	93.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.4	U	58.4	93.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130		57.6	93.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.5	U	62.5	93.5	120	ug/Kg
123-91-1	1,4-Dioxane	79.2	U	79.2	93.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	53.8	93.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.9	U	59.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.143		18-112		45	SPK: -150
13127-88-3	Phenol-d6	61.357		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	44.296		18-107		44	SPK: -100
321-60-8	2-Fluorobiphenyl	41.644		20-109		42	SPK: -100

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-2	SDG No.:	BP060624
Lab Sample ID:	P2668-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
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
BP020545.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.804		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	36.842		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253859	7.758				
1146-65-2	Naphthalene-d8	939211	10.534				
15067-26-2	Acenaphthene-d10	601159	14.393				
1517-22-2	Phenanthrene-d10	1071976	17.21				
1719-03-5	Chrysene-d12	1171394	21.663				
1520-96-3	Perylene-d12	1375244	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	830	J			3.023	
004537-11-5	Benzene, (1-butylhexyl)-	1100	J			14.698	
004537-12-6	Benzene, (1-propylheptyl)-	1100	J			14.798	
004621-36-7	Benzene, (1-ethyloctyl)-	1200	J			15.004	
004537-13-7	Benzene, (1-methylnonyl)-	2200	J			15.363	
004537-14-8	Benzene, (1-pentylhexyl)-	2600	J			15.598	
004537-15-9	Benzene, (1-butylheptyl)-	3900	J			15.628	
006331-04-0	Acetic acid, (2,4-xylyl)-	320	J			15.692	
018335-17-6	Benzene, (1-propylpentyl)-	3200	J			15.728	
002049-95-8	Benzene, (1,1-dimethylpropyl)-	210	J			15.798	
002719-62-2	Benzene, (1-pentylheptyl)-	500	J			16.451	
002719-64-4	Benzene, (1-propylnonyl)-	240	J			16.628	
002400-00-2	Benzene, (1-ethyldecyl)-	430	J			16.816	
002719-61-1	Benzene, (1-methylundecyl)-	270	J			17.134	
004534-51-4	Benzene, (1-propyldecyl)-	340	J			17.445	
004534-52-5	Benzene, (1-ethylundecyl)-	430	J			17.639	
1000374-65-2	(4-Methylphenyl) methanol, 2-methy	310	J			17.945	
	unknown18.210	310	J			18.21	
1000339-11-8	Benzamide, 3-methyl-N-(4-chlorophe	320	J			18.392	

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	WC-TP-2	SDG No.:	BP060624
Lab Sample ID:	P2668-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
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
BP020545.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004534-59-2	Benzene, (1-methyltridecyl)-	320	J			18.675	

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	330	SDG No.:	BP060624
Lab Sample ID:	P2705-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BP020546.D	5	6/4/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	920	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	920	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	580	ug/Kg
108-95-2	Phenol	280	U	280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	580	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	920	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	580	ug/Kg
98-86-2	Acetophenone	300	U	300	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	920	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	580	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	580	ug/Kg
78-59-1	Isophorone	290	U	290	440	580	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	580	ug/Kg
65-85-0	Benzoic acid	810	U	810	920	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	580	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	330	SDG No.:	BP060624
Lab Sample ID:	P2705-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BP020546.D	5	6/4/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	300	U	300	920	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	920	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	580	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	580	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	580	ug/Kg
208-96-8	Acenaphthylene	390	J	290	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	580	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	580	ug/Kg
83-32-9	Acenaphthene	280	U	280	440	580	ug/Kg
Total PAH	Total PAH	41980		4520	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	830	U	830	920	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	920	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1160	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	580	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	580	ug/Kg
86-73-7	Fluorene	370	J	290	440	580	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	920	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	440	580	ug/Kg
103-33-3	Azobenzene	270	U	270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	580	ug/Kg
1912-24-9	Atrazine	310	U	310	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	330	SDG No.:	BP060624
Lab Sample ID:	P2705-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BP020546.D	5	6/4/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	920	1100	ug/Kg
85-01-8	Phenanthrene	4100		290	440	580	ug/Kg
120-12-7	Anthracene	950		290	440	580	ug/Kg
86-74-8	Carbazole	460	J	270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	580	ug/Kg
206-44-0	Fluoranthene	6700		280	440	580	ug/Kg
92-87-5	Benzidine	550	U	550	920	1100	ug/Kg
129-00-0	Pyrene	5100		280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	920	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3400		270	440	580	ug/Kg
218-01-9	Chrysene	3500		270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	920	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	5400		280	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	4000		320	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2700		270	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770		280	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3100		270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	440	580	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	60.625		18-112		40	SPK: -150
13127-88-3	Phenol-d6	51.03		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	38.14		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	43.475		20-109		43	SPK: -100

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	330	SDG No.:	BP060624
Lab Sample ID:	P2705-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BP020546.D	5	6/4/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.105		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	41.365		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238164	7.758				
1146-65-2	Naphthalene-d8	870848	10.534				
15067-26-2	Acenaphthene-d10	547407	14.387				
1517-22-2	Phenanthrene-d10	1192833	17.198				
1719-03-5	Chrysene-d12	1067467	21.651				
1520-96-3	Perylene-d12	1290327	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	890	J			3.022	
000132-65-0	Dibenzothiophene	260	J			17.004	
000779-02-2	Anthracene, 9-methyl-	480	J			18.104	
000832-69-9	Phenanthrene, 1-methyl-	940	J			18.151	
000613-12-7	Anthracene, 2-methyl-	230	J			18.233	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1000	J			18.298	
000832-64-4	Phenanthrene, 4-methyl-	370	J			18.339	
000612-94-2	Naphthalene, 2-phenyl-	310	J			18.622	
000084-65-1	9,10-Anthracenedione	390	J			18.663	
003674-66-6	Phenanthrene, 2,5-dimethyl-	420	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	510	J			19.198	
000238-84-6	11H-Benzo[a]fluorene	310	J			20.233	
000192-97-2	Benzo[e]pyrene	1400	J			24.215	
000198-55-0	Perylene	4100	J			24.698	

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	EO-01-060424	SDG No.:	BP060624
Lab Sample ID:	P2712-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020547.D	5	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	570	ug/Kg
100-52-7	Benzaldehyde	610	U	610	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	570	ug/Kg
108-95-2	Phenol	280	U	280	440	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	570	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	440	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	570	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	570	ug/Kg
98-86-2	Acetophenone	290	U	290	440	570	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	570	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	570	ug/Kg
78-59-1	Isophorone	280	U	280	440	570	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	570	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	440	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	570	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	440	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	570	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	570	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	EO-01-060424	SDG No.:	BP060624
Lab Sample ID:	P2712-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020547.D	5	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	570	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	570	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	440	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	570	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	570	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	440	570	ug/Kg
208-96-8	Acenaphthylene	290	U	290	440	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	570	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	570	ug/Kg
Total PAH	Total PAH	8520	U	4440	440	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	440	570	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1140	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	570	ug/Kg
86-73-7	Fluorene	290	U	290	440	570	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	440	570	ug/Kg
103-33-3	Azobenzene	270	U	270	440	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	570	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	570	ug/Kg
1912-24-9	Atrazine	310	U	310	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	EO-01-060424	SDG No.:	BP060624
Lab Sample ID:	P2712-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06 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
BP020547.D	5	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	910	1100	ug/Kg
85-01-8	Phenanthrene	880		280	440	570	ug/Kg
120-12-7	Anthracene	290	J	280	440	570	ug/Kg
86-74-8	Carbazole	270	U	270	440	570	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	440	570	ug/Kg
206-44-0	Fluoranthene	1400		270	440	570	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	1300		280	440	570	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	820		270	440	570	ug/Kg
218-01-9	Chrysene	800		270	440	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	570	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		270	440	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	J	280	440	570	ug/Kg
50-32-8	Benzo(a)pyrene	820		310	440	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	J	260	440	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	440	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600		270	440	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	570	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	570	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.965		18-112		62	SPK: -150
13127-88-3	Phenol-d6	83.83		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	56.005		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	60.045		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	EO-01-060424	SDG No.:	BP060624
Lab Sample ID:	P2712-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06 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
BP020547.D	5	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.135		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	53.585		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284829	7.757				
1146-65-2	Naphthalene-d8	1098022	10.534				
15067-26-2	Acenaphthene-d10	643390	14.392				
1517-22-2	Phenanthrene-d10	1354611	17.192				
1719-03-5	Chrysene-d12	1327809	21.657				
1520-96-3	Perylene-d12	1589255	25.009				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	830	J			3.028	
000544-76-3	Hexadecane	230	J			15.263	
000629-78-7	Heptadecane	250	J			16.151	
000112-39-0	Hexadecanoic acid, methyl ester	550	J			17.904	
000832-69-9	Phenanthrene, 1-methyl-	290	J			18.098	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	900	J			18.145	
	unknown18.298	580	J			18.298	
000779-02-2	Anthracene, 9-methyl-	260	J			18.345	
000781-43-1	9,10-Dimethylanthracene	270	J			19.057	
056554-62-2	10,13-Octadecadienoic acid, methyl	1200	J			19.098	
052380-33-3	11-Octadecenoic acid, methyl ester	1600	J			19.133	
002381-21-7	Pyrene, 1-methyl-	270	J			20.392	

Report of Analysis

Client:				Date Collected:	5/31/2024 12:00:00 AM		
Project:				Date Received:	5/31/2024 12:00:00 AM		
Client Sample ID:	WCS-TPQ			SDG No.:	BP060624		
Lab Sample ID:	P2686-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13.2		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BP020548.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60	U	60	190	230	ug/Kg
110-86-1	Pyridine	55.2	U	55.2	89.8	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.9	U	66.9	89.8	120	ug/Kg
108-95-2	Phenol	57.3	U	57.3	89.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.8	U	57.8	89.8	120	ug/Kg
95-57-8	2-Chlorophenol	57.7	U	57.7	89.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.4	U	58.4	89.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.4	U	59.4	89.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.7	U	59.7	89.8	120	ug/Kg
100-51-6	Benzyl Alcohol	57.3	U	57.3	190	230	ug/Kg
95-48-7	2-Methylphenol	55.7	U	55.7	89.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.8	U	62.8	89.8	120	ug/Kg
98-86-2	Acetophenone	60	U	60	89.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.1	U	55.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.8	U	27.8	55.3	55.3	ug/Kg
67-72-1	Hexachloroethane	57.3	U	57.3	89.8	120	ug/Kg
98-95-3	Nitrobenzene	62.7	U	62.7	89.8	120	ug/Kg
78-59-1	Isophorone	58.4	U	58.4	89.8	120	ug/Kg
88-75-5	2-Nitrophenol	65.3	U	65.3	89.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.4	U	64.4	89.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.3	U	59.3	89.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.1	U	52.1	89.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59	U	59	89.8	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.1	U	57.1	89.8	120	ug/Kg
106-47-8	4-Chloroaniline	57.1	U	57.1	89.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.5	U	57.5	89.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BP060624
Lab Sample ID:	P2686-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020548.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60	U	60	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.5	U	53.5	89.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	89.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.3	U	49.3	89.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.1	U	51.1	89.8	120	ug/Kg
92-52-4	1,1-Biphenyl	60.4	U	60.4	89.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.5	U	57.5	89.8	120	ug/Kg
88-74-4	2-Nitroaniline	65.6	U	65.6	89.8	120	ug/Kg
131-11-3	Dimethylphthalate	56.4	U	56.4	89.8	120	ug/Kg
208-96-8	Acenaphthylene	59.7	U	59.7	89.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.5	U	57.5	89.8	120	ug/Kg
99-09-2	3-Nitroaniline	61.6	U	61.6	89.8	120	ug/Kg
83-32-9	Acenaphthene	56	U	56	89.8	120	ug/Kg
Total PAH	Total PAH	915.1	U	915.1	89.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.1	U	80.1	190	230	ug/Kg
132-64-9	Dibenzofuran	58.3	U	58.3	89.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	117	U	117	89.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.5	U	59.5	89.8	120	ug/Kg
84-66-2	Diethylphthalate	55.3	U	55.3	89.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.1	U	59.1	89.8	120	ug/Kg
86-73-7	Fluorene	59.1	U	59.1	89.8	120	ug/Kg
100-01-6	4-Nitroaniline	73.9	U	73.9	89.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.8	U	80.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.4	U	56.4	89.8	120	ug/Kg
103-33-3	Azobenzene	55	U	55	89.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.5	U	54.5	89.8	120	ug/Kg
118-74-1	Hexachlorobenzene	58.7	U	58.7	89.8	120	ug/Kg
1912-24-9	Atrazine	63.1	U	63.1	89.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BP060624
Lab Sample ID:	P2686-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020548.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.4	U	53.4	190	230	ug/Kg
85-01-8	Phenanthrene	58	U	58	89.8	120	ug/Kg
120-12-7	Anthracene	58.3	U	58.3	89.8	120	ug/Kg
86-74-8	Carbazole	55.5	U	55.5	89.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.2	U	58.2	89.8	120	ug/Kg
206-44-0	Fluoranthene	56.4	U	56.4	89.8	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.3	U	57.3	89.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.9	U	66.9	89.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.1	U	68.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.7	U	55.7	89.8	120	ug/Kg
218-01-9	Chrysene	54.9	U	54.9	89.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.9	U	62.9	89.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	89.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.1	U	57.1	89.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.2	U	64.2	89.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.9	U	53.9	89.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.1	U	56.1	89.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.3	U	55.3	89.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	89.8	120	ug/Kg
123-91-1	1,4-Dioxane	76	U	76	89.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.6	U	51.6	89.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.5	U	57.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.993		18-112		85	SPK: -150
13127-88-3	Phenol-d6	113.616		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.336		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	75.488		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BP060624
Lab Sample ID:	P2686-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020548.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.845		10-110		109	SPK: -150
1718-51-0	Terphenyl-d14	69.738		14-112		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281665	7.757				
1146-65-2	Naphthalene-d8	1067399	10.534				
15067-26-2	Acenaphthene-d10	656369	14.387				
1517-22-2	Phenanthrene-d10	1422922	17.198				
1719-03-5	Chrysene-d12	1280739	21.645				
1520-96-3	Perylene-d12	1516043	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.028	
000057-10-3	n-Hexadecanoic acid	170	J			18.139	
016980-85-1	Pentacos-1-ene	94.6	J			21.327	

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQMS	SDG No.:	BP060624
Lab Sample ID:	P2686-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020549.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	910		59.9	190	230	ug/Kg
110-86-1	Pyridine	840		55.2	89.7	120	ug/Kg
100-52-7	Benzaldehyde	160	J	130	190	230	ug/Kg
62-53-3	Aniline	360		66.9	89.7	120	ug/Kg
108-95-2	Phenol	950		57.2	89.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	920		57.8	89.7	120	ug/Kg
95-57-8	2-Chlorophenol	1000		57.6	89.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	960		58.4	89.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		59.4	89.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		59.7	89.7	120	ug/Kg
100-51-6	Benzyl Alcohol	910		57.3	190	230	ug/Kg
95-48-7	2-Methylphenol	900		55.6	89.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830		62.7	89.7	120	ug/Kg
98-86-2	Acetophenone	1000		60	89.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	890		55.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	810		27.8	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	940		57.3	89.7	120	ug/Kg
98-95-3	Nitrobenzene	970		62.7	89.7	120	ug/Kg
78-59-1	Isophorone	930		58.4	89.7	120	ug/Kg
88-75-5	2-Nitrophenol	1200		65.2	89.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		64.3	89.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		59.2	89.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.1	89.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		58.9	89.7	120	ug/Kg
65-85-0	Benzoic acid	1100		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		57	89.7	120	ug/Kg
106-47-8	4-Chloroaniline	270		57	89.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57.5	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQMS	SDG No.:	BP060624
Lab Sample ID:	P2686-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020549.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	930		59.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		53.5	89.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	940		56.9	89.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.3	89.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.1	89.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.3	89.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		57.5	89.7	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.6	89.7	120	ug/Kg
131-11-3	Dimethylphthalate	980		56.4	89.7	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.7	89.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57.4	89.7	120	ug/Kg
99-09-2	3-Nitroaniline	730		61.6	89.7	120	ug/Kg
83-32-9	Acenaphthene	1000		56	89.7	120	ug/Kg
Total PAH	Total PAH	17110		914.8	89.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2600	E	80.1	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58.3	89.7	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.5	89.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		116.9	89.7	240	ug/Kg
84-66-2	Diethylphthalate	980		55.3	89.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		59.1	89.7	120	ug/Kg
86-73-7	Fluorene	1000		59	89.7	120	ug/Kg
100-01-6	4-Nitroaniline	1000		73.9	89.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	590		80.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		56.3	89.7	120	ug/Kg
103-33-3	Azobenzene	1000		54.9	89.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.5	89.7	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58.7	89.7	120	ug/Kg
1912-24-9	Atrazine	1100		63.1	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQMS	SDG No.:	BP060624
Lab Sample ID:	P2686-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020549.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500	E	53.4	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58	89.7	120	ug/Kg
120-12-7	Anthracene	1100		58.3	89.7	120	ug/Kg
86-74-8	Carbazole	1100		55.4	89.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		58.2	89.7	120	ug/Kg
206-44-0	Fluoranthene	1100		56.4	89.7	120	ug/Kg
92-87-5	Benzidine	790		110	190	230	ug/Kg
129-00-0	Pyrene	950		57.3	89.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		66.8	89.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		68.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.7	89.7	120	ug/Kg
218-01-9	Chrysene	1100		54.9	89.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		62.8	89.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		75.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		56	89.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	980		57	89.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.2	89.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		53.9	89.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		56.1	89.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		55.3	89.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.9	89.7	120	ug/Kg
123-91-1	1,4-Dioxane	930		75.9	89.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		51.6	89.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	880		57.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.149		18-112		80	SPK: -150
13127-88-3	Phenol-d6	103.696		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	75.872		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	73.042		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQMS	SDG No.:	BP060624
Lab Sample ID:	P2686-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
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
BP020549.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.706		10-110		106	SPK: -150
1718-51-0	Terphenyl-d14	64.873		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261692	7.763				
1146-65-2	Naphthalene-d8	925041	10.54				
15067-26-2	Acenaphthene-d10	552492	14.393				
1517-22-2	Phenanthrene-d10	1226985	17.204				
1719-03-5	Chrysene-d12	1174456	21.651				
1520-96-3	Perylene-d12	1403532	25.015				



Client:				Date Collected:	5/31/2024 12:00:00 AM	
Project:				Date Received:	5/31/2024 12:00:00 AM	
Client Sample ID:	WCS-TPQMSD			SDG No.:	BP060624	
Lab Sample ID:	P2686-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.2	
Sample Wt/Vol:	50.08	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
BP020550.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	870		59.9	190	230	ug/Kg
110-86-1	Pyridine	790		55.1	89.7	120	ug/Kg
100-52-7	Benzaldehyde	150	J	130	190	230	ug/Kg
62-53-3	Aniline	360		66.9	89.7	120	ug/Kg
108-95-2	Phenol	850		57.2	89.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	860		57.8	89.7	120	ug/Kg
95-57-8	2-Chlorophenol	920		57.6	89.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	890		58.4	89.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		59.4	89.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		59.7	89.7	120	ug/Kg
100-51-6	Benzyl Alcohol	810		57.3	190	230	ug/Kg
95-48-7	2-Methylphenol	800		55.6	89.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760		62.7	89.7	120	ug/Kg
98-86-2	Acetophenone	980		60	89.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	760		55.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	730		27.8	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	870		57.3	89.7	120	ug/Kg
98-95-3	Nitrobenzene	940		62.7	89.7	120	ug/Kg
78-59-1	Isophorone	860		58.4	89.7	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65.2	89.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	970		64.3	89.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	880		59.2	89.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	960		52.1	89.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		58.9	89.7	120	ug/Kg
65-85-0	Benzoic acid	980		160	190	230	ug/Kg
91-20-3	Naphthalene	920		57	89.7	120	ug/Kg
106-47-8	4-Chloroaniline	250		57	89.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		57.5	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQMSD	SDG No.:	BP060624
Lab Sample ID:	P2686-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
Sample Wt/Vol:	50.08 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
BP020550.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	780		59.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	830		53.5	89.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	830		56.9	89.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.3	89.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		51.1	89.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.3	89.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	970		57.5	89.7	120	ug/Kg
88-74-4	2-Nitroaniline	1000		65.6	89.7	120	ug/Kg
131-11-3	Dimethylphthalate	900		56.4	89.7	120	ug/Kg
208-96-8	Acenaphthylene	1000		59.7	89.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	930		57.4	89.7	120	ug/Kg
99-09-2	3-Nitroaniline	680		61.6	89.7	120	ug/Kg
83-32-9	Acenaphthene	930		56	89.7	120	ug/Kg
Total PAH	Total PAH	15850		914.6	89.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2400	E	80.1	190	230	ug/Kg
132-64-9	Dibenzofuran	970		58.2	89.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	930		116.9	89.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		59.5	89.7	120	ug/Kg
84-66-2	Diethylphthalate	880		55.3	89.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		59.1	89.7	120	ug/Kg
86-73-7	Fluorene	970		59	89.7	120	ug/Kg
100-01-6	4-Nitroaniline	940		73.8	89.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	680		80.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	910		56.3	89.7	120	ug/Kg
103-33-3	Azobenzene	900		54.9	89.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	940		54.5	89.7	120	ug/Kg
118-74-1	Hexachlorobenzene	970		58.7	89.7	120	ug/Kg
1912-24-9	Atrazine	1000		63.1	89.7	120	ug/Kg



Client:				Date Collected:	5/31/2024 12:00:00 AM	
Project:				Date Received:	5/31/2024 12:00:00 AM	
Client Sample ID:	WCS-TPQMSD			SDG No.:	BP060624	
Lab Sample ID:	P2686-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.2	
Sample Wt/Vol:	50.08	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
BP020550.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	53.3	190	230	ug/Kg
85-01-8	Phenanthrene	990		58	89.7	120	ug/Kg
120-12-7	Anthracene	1000		58.2	89.7	120	ug/Kg
86-74-8	Carbazole	1000		55.4	89.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	950		58.2	89.7	120	ug/Kg
206-44-0	Fluoranthene	1100		56.4	89.7	120	ug/Kg
92-87-5	Benzidine	730		110	190	230	ug/Kg
129-00-0	Pyrene	850		57.3	89.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	900		66.8	89.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		68	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	990		55.7	89.7	120	ug/Kg
218-01-9	Chrysene	980		54.9	89.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	940		62.8	89.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		75.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		56	89.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		57	89.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		64.2	89.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		53.9	89.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		56	89.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		55.3	89.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.9	89.7	120	ug/Kg
123-91-1	1,4-Dioxane	860		75.9	89.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51.6	89.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	770		57.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.505		18-112		75	SPK: -150
13127-88-3	Phenol-d6	93.838		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	72.822		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	67.75		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPQMSD	SDG No.:	BP060624
Lab Sample ID:	P2686-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
Sample Wt/Vol:	50.08 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
BP020550.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.969		10-110		96	SPK: -150
1718-51-0	Terphenyl-d14	59.045		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	307749	7.763				
1146-65-2	Naphthalene-d8	1012281	10.534				
15067-26-2	Acenaphthene-d10	553794	14.392				
1517-22-2	Phenanthrene-d10	1243347	17.198				
1719-03-5	Chrysene-d12	1281293	21.663				
1520-96-3	Perylene-d12	1526529	25.027				

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BP060624
Lab Sample ID:	P2686-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	50.02	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
BP020551.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.9	U	64.9	200	250	ug/Kg
110-86-1	Pyridine	59.8	U	59.8	97.2	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	250	ug/Kg
62-53-3	Aniline	72.5	U	72.5	97.2	130	ug/Kg
108-95-2	Phenol	62	U	62	97.2	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.6	U	62.6	97.2	130	ug/Kg
95-57-8	2-Chlorophenol	62.4	U	62.4	97.2	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	63.3	U	63.3	97.2	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	64.3	U	64.3	97.2	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.7	U	64.7	97.2	130	ug/Kg
100-51-6	Benzyl Alcohol	62.1	U	62.1	200	250	ug/Kg
95-48-7	2-Methylphenol	60.3	U	60.3	97.2	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	97.2	130	ug/Kg
98-86-2	Acetophenone	65	U	65	97.2	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.7	U	59.7	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30.1	U	30.1	59.8	59.8	ug/Kg
67-72-1	Hexachloroethane	62.1	U	62.1	97.2	130	ug/Kg
98-95-3	Nitrobenzene	67.9	U	67.9	97.2	130	ug/Kg
78-59-1	Isophorone	63.3	U	63.3	97.2	130	ug/Kg
88-75-5	2-Nitrophenol	70.7	U	70.7	97.2	130	ug/Kg
105-67-9	2,4-Dimethylphenol	69.7	U	69.7	97.2	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64.2	U	64.2	97.2	130	ug/Kg
120-83-2	2,4-Dichlorophenol	56.5	U	56.5	97.2	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.9	U	63.9	97.2	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	250	ug/Kg
91-20-3	Naphthalene	61.8	U	61.8	97.2	130	ug/Kg
106-47-8	4-Chloroaniline	61.8	U	61.8	97.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	62.3	U	62.3	97.2	130	ug/Kg



Client:				Date Collected:	5/31/2024 12:00:00 AM	
Project:				Date Received:	5/31/2024 12:00:00 AM	
Client Sample ID:	WCS-TPP			SDG No.:	BP060624	
Lab Sample ID:	P2686-05			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19.8	
Sample Wt/Vol:	50.02	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
BP020551.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.9	U	64.9	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	97.2	130	ug/Kg
91-57-6	2-Methylnaphthalene	61.7	U	61.7	97.2	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.4	U	53.4	97.2	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55.3	U	55.3	97.2	130	ug/Kg
92-52-4	1,1-Biphenyl	65.4	U	65.4	97.2	130	ug/Kg
91-58-7	2-Chloronaphthalene	62.3	U	62.3	97.2	130	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	97.2	130	ug/Kg
131-11-3	Dimethylphthalate	61.1	U	61.1	97.2	130	ug/Kg
208-96-8	Acenaphthylene	64.7	U	64.7	97.2	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.2	U	62.2	97.2	130	ug/Kg
99-09-2	3-Nitroaniline	66.7	U	66.7	97.2	130	ug/Kg
83-32-9	Acenaphthene	60.6	U	60.6	97.2	130	ug/Kg
Total PAH	Total PAH	990.8	U	990.8	97.2	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	86.7	U	86.7	200	250	ug/Kg
132-64-9	Dibenzofuran	63.1	U	63.1	97.2	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	126.7	U	126.7	97.2	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	64.5	U	64.5	97.2	130	ug/Kg
84-66-2	Diethylphthalate	59.9	U	59.9	97.2	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	97.2	130	ug/Kg
86-73-7	Fluorene	63.9	U	63.9	97.2	130	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	97.2	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.5	U	87.5	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61	U	61	97.2	130	ug/Kg
103-33-3	Azobenzene	59.5	U	59.5	97.2	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	97.2	130	ug/Kg
118-74-1	Hexachlorobenzene	63.6	U	63.6	97.2	130	ug/Kg
1912-24-9	Atrazine	68.4	U	68.4	97.2	130	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BP060624
Lab Sample ID:	P2686-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	50.02	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
BP020551.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.8	U	57.8	200	250	ug/Kg
85-01-8	Phenanthrene	62.8	U	62.8	97.2	130	ug/Kg
120-12-7	Anthracene	63.1	U	63.1	97.2	130	ug/Kg
86-74-8	Carbazole	60.1	U	60.1	97.2	130	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	97.2	130	ug/Kg
206-44-0	Fluoranthene	61.1	U	61.1	97.2	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	250	ug/Kg
129-00-0	Pyrene	62.1	U	62.1	97.2	130	ug/Kg
85-68-7	Butylbenzylphthalate	72.4	U	72.4	97.2	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73.7	U	73.7	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	60.3	U	60.3	97.2	130	ug/Kg
218-01-9	Chrysene	59.5	U	59.5	97.2	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68.1	U	68.1	97.2	130	ug/Kg
117-84-0	Di-n-octyl phthalate	82.3	U	82.3	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	60.6	U	60.6	97.2	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.8	U	61.8	97.2	130	ug/Kg
50-32-8	Benzo(a)pyrene	69.5	U	69.5	97.2	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58.4	U	58.4	97.2	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60.7	U	60.7	97.2	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59.9	U	59.9	97.2	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.9	U	64.9	97.2	130	ug/Kg
123-91-1	1,4-Dioxane	82.3	U	82.3	97.2	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.9	U	55.9	97.2	130	ug/Kg
90-12-0	1-Methylnaphthalene	62.2	U	62.2	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.823		18-112		53	SPK: -150
13127-88-3	Phenol-d6	74.961		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	48.027		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	46.85		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	WCS-TPP	SDG No.:	BP060624
Lab Sample ID:	P2686-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	50.02 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
BP020551.D	1	6/1/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.013		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	43.651		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	286169	7.757				
1146-65-2	Naphthalene-d8	1164301	10.534				
15067-26-2	Acenaphthene-d10	754499	14.386				
1517-22-2	Phenanthrene-d10	1541784	17.192				
1719-03-5	Chrysene-d12	1351959	21.651				
1520-96-3	Perylene-d12	1575523	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	790	J			3.028	
000106-42-3	p-Xylene	120	J			5.44	
000057-10-3	n-Hexadecanoic acid	120	J			18.133	
1000351-65-9	3(2H)-Pyridazinone, 4,5-diamino-2-	56.3	J			19.71	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	76.5	J			20.616	
074685-30-6	5-Eicosene, (E)-	150	J			21.327	

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPC	SDG No.:	BP060624
Lab Sample ID:	P2715-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BP020552.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.2	U	59.2	180	230	ug/Kg
110-86-1	Pyridine	54.5	U	54.5	88.6	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.1	U	66.1	88.6	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.1	U	57.1	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7	U	57.7	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59	U	59	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	56.6	U	56.6	180	230	ug/Kg
95-48-7	2-Methylphenol	55	U	55	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	88.6	120	ug/Kg
98-86-2	Acetophenone	59.3	U	59.3	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	56.6	U	56.6	88.6	120	ug/Kg
98-95-3	Nitrobenzene	61.9	U	61.9	88.6	120	ug/Kg
78-59-1	Isophorone	57.7	U	57.7	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.6	U	63.6	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.5	U	58.5	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.6	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.8	U	56.8	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPC	SDG No.:	BP060624
Lab Sample ID:	P2715-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BP020552.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.2	U	59.2	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.3	U	56.3	88.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.7	U	48.7	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	59.6	U	59.6	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.8	U	56.8	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	64.8	U	64.8	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	55.7	U	55.7	88.6	120	ug/Kg
208-96-8	Acenaphthylene	59	U	59	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.6	120	ug/Kg
83-32-9	Acenaphthene	55.3	U	55.3	88.6	120	ug/Kg
Total PAH	Total PAH	903.6	U	903.6	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.1	U	79.1	180	230	ug/Kg
132-64-9	Dibenzofuran	57.6	U	57.6	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.5	U	115.5	88.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.8	U	58.8	88.6	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.4	U	58.4	88.6	120	ug/Kg
86-73-7	Fluorene	58.3	U	58.3	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.8	U	79.8	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.6	120	ug/Kg
103-33-3	Azobenzene	54.3	U	54.3	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.8	U	53.8	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	88.6	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPC	SDG No.:	BP060624
Lab Sample ID:	P2715-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BP020552.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	230	ug/Kg
85-01-8	Phenanthrene	57.3	U	57.3	88.6	120	ug/Kg
120-12-7	Anthracene	57.6	U	57.6	88.6	120	ug/Kg
86-74-8	Carbazole	54.8	U	54.8	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	88.6	120	ug/Kg
206-44-0	Fluoranthene	55.7	U	55.7	88.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	56.6	U	56.6	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	88.6	120	ug/Kg
218-01-9	Chrysene	54.2	U	54.2	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.1	U	62.1	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.3	U	55.3	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.4	U	63.4	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.3	U	53.3	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.4	U	55.4	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.2	U	59.2	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	75	U	75	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.542		18-112		81	SPK: -150
13127-88-3	Phenol-d6	114.885		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	76.058		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.131		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	WCS-TPC	SDG No.:	BP060624
Lab Sample ID:	P2715-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BP020552.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.134		10-110		104	SPK: -150
1718-51-0	Terphenyl-d14	68.085		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	268980	7.763				
1146-65-2	Naphthalene-d8	1080905	10.539				
15067-26-2	Acenaphthene-d10	699135	14.392				
1517-22-2	Phenanthrene-d10	1444313	17.198				
1719-03-5	Chrysene-d12	1261282	21.657				
1520-96-3	Perylene-d12	1484867	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J			3.028	
000057-55-6	Propylene Glycol	210	J			3.552	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	80.2	J			7.369	
001119-40-0	Pentanedioic acid, dimethyl ester	46.4	J			9.469	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.275	
	unknown	14.628	J			14.628	
000629-78-7	Heptadecane	56.6	J			16.151	
000057-10-3	n-Hexadecanoic acid	120	J			18.145	
000057-11-4	Octadecanoic acid	60.2	J			19.474	
000296-56-0	Cycloeicosane	130	J			21.339	
000593-45-3	Octadecane	75.5	J			22.58	

Hit Summary Sheet SW-846

SDG No.: BP060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-TP-1								
P2668-01	WC-TP-1	Solid	acetamide, N-(5,6,7,8-tetrahydro-4'	*	190.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-butylheptyl)-	*	390.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-butylonyl)-	*	220.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-butylloctyl)-	*	140.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-ethyldecyl)-	*	160.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-hexylloctyl)-	*	260.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-methyldodecyl)-	*	220.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-methylnonyl)-	*	130.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-methyltridecyl)-	*	170.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-methylundecyl)-	*	120.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-pentylheptyl)-	*	160.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-pentylhexyl)-	*	250.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-propyldecyl)-	*	220.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-propylheptadecyl)-	*	190.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-propylnonyl)-	*	110.000	J		
P2668-01	WC-TP-1	Solid	Benzene, (1-propylloctyl)-	*	310.000	J		
P2668-01	WC-TP-1	Solid	Benzo[e]pyrene	*	530.000	J		
P2668-01	WC-TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	900.000	J		
P2668-01	WC-TP-1	Solid	Perylene	*	140.000	J		
P2668-01	WC-TP-1	Solid	Triethyl phosphate	*	150.000	J		
Total Tics :					4,960.00			
P2668-01	WC-TP-1	Solid	Acenaphthene		100.000	J	56.4	120 ug/Kg
P2668-01	WC-TP-1	Solid	Anthracene		190.000		58.7	120 ug/Kg
P2668-01	WC-TP-1	Solid	Benzo(a)anthracene		570.000		56.1	120 ug/Kg
P2668-01	WC-TP-1	Solid	Benzo(a)pyrene		590.000		64.6	120 ug/Kg
P2668-01	WC-TP-1	Solid	Benzo(b)fluoranthene		650.000		56.4	120 ug/Kg
P2668-01	WC-TP-1	Solid	Benzo(g,h,i)perylene		450.000		55.7	120 ug/Kg
P2668-01	WC-TP-1	Solid	Benzo(k)fluoranthene		220.000		57.4	120 ug/Kg
P2668-01	WC-TP-1	Solid	Bis(2-ethylhexyl)phthalate		72.300	J	63.3	120 ug/Kg
P2668-01	WC-TP-1	Solid	Carbazole		88.400	J	55.8	120 ug/Kg
P2668-01	WC-TP-1	Solid	Chrysene		540.000		55.3	120 ug/Kg
P2668-01	WC-TP-1	Solid	Dibenzo(a,h)anthracene		99.700	J	56.4	120 ug/Kg
P2668-01	WC-TP-1	Solid	Fluoranthene		1,300.000		56.8	120 ug/Kg
P2668-01	WC-TP-1	Solid	Fluorene		67.300	J	59.4	120 ug/Kg
P2668-01	WC-TP-1	Solid	Indeno(1,2,3-cd)pyrene		360.000		54.3	120 ug/Kg
P2668-01	WC-TP-1	Solid	Phenanthrene		580.000		58.4	120 ug/Kg
P2668-01	WC-TP-1	Solid	Pyrene		920.000		57.7	120 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2668-01	WC-TP-1	Solid	Total PAH	6,637.000		921.1	1920	ug/Kg
Total Svoc :				13,434.70				
Total Concentration:				18,394.70				
Client ID : WC-TP-2								
P2668-05	WC-TP-2	Solid	(4-Methylphenyl) methanol, 2-me *	310.000	J			
P2668-05	WC-TP-2	Solid	Acetic acid, (2,4-xylyl)- *	320.000	J			
P2668-05	WC-TP-2	Solid	Benzamide, 3-methyl-N-(4-chloro *	320.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1,1-dimethylpropyl)- *	210.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-butylheptyl)- *	3,900.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-butylhexyl)- *	1,100.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-ethyldecyl)- *	430.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-ethyloctyl)- *	1,200.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-ethylundecyl)- *	430.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-methylnonyl)- *	2,200.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-methyltridecyl)- *	320.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-methylundecyl)- *	270.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-pentylheptyl)- *	500.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-pentylhexyl)- *	2,600.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-propyldecyl)- *	340.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-propylheptyl)- *	1,100.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-propylnonyl)- *	240.000	J			
P2668-05	WC-TP-2	Solid	Benzene, (1-propylpentyl)- *	3,200.000	J			
P2668-05	WC-TP-2	Solid	Butane, 2-methoxy-2-methyl-	830.000	J			
P2668-05	WC-TP-2	Solid	unknown18.210	310.000	J			
Total Tics :				20,130.00				
P2668-05	WC-TP-2	Solid	Benzo(a)anthracene	190.000		58.1	120	ug/Kg
P2668-05	WC-TP-2	Solid	Benzo(a)pyrene	180.000		66.9	120	ug/Kg
P2668-05	WC-TP-2	Solid	Benzo(b)fluoranthene	210.000		58.4	120	ug/Kg
P2668-05	WC-TP-2	Solid	Benzo(g,h,i)perylene	130.000		57.6	120	ug/Kg
P2668-05	WC-TP-2	Solid	Benzo(k)fluoranthene	70.400	J	59.4	120	ug/Kg
P2668-05	WC-TP-2	Solid	Chrysene	190.000		57.2	120	ug/Kg
P2668-05	WC-TP-2	Solid	Fluoranthene	420.000		58.8	120	ug/Kg
P2668-05	WC-TP-2	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	56.2	120	ug/Kg
P2668-05	WC-TP-2	Solid	Pyrene	380.000		59.7	120	ug/Kg
Total Svoc :				1,870.40				
Total Concentration:				22,000.40				
Client ID : WC-4								
P2683-02	WC-4	Solid	.alpha.-Pinene	*	230.000	J		
P2683-02	WC-4	Solid	13-Docosenamide, (Z)-	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BP060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2683-02	WC-4	Solid	Butane, 2-methoxy-2-methyl-	*	780.000	J		
P2683-02	WC-4	Solid	Caryophyllene	*	230.000	J		
P2683-02	WC-4	Solid	Cinnamyl cinnamate	*	490.000	J		
P2683-02	WC-4	Solid	Eicosane, 9-octyl-	*	770.000	J		
P2683-02	WC-4	Solid	Heneicosane, 11-decyl-	*	280.000	J		
P2683-02	WC-4	Solid	Hexadecane, 1-iodo-	*	180.000	J		
P2683-02	WC-4	Solid	n-Hexadecanoic acid	*	430.000	J		
P2683-02	WC-4	Solid	Naphthalene, 1,2,3,4-tetrachloro-	*	160.000	J		
P2683-02	WC-4	Solid	Naphthalene, 1,3,7-trichloro-	*	180.000	J		
P2683-02	WC-4	Solid	Naphthalene, 1,4,6,7-tetrachloro-	*	270.000	J		
P2683-02	WC-4	Solid	Naphthalene, 2,3,6-trichloro-	*	200.000	J		
P2683-02	WC-4	Solid	Octadecanoic acid	*	1,300.000	J		
P2683-02	WC-4	Solid	Pentadecane, 8-hexyl-	*	440.000	J		
P2683-02	WC-4	Solid	Pentadecanoic acid	*	1,600.000	J		
P2683-02	WC-4	Solid	Tetracosane	*	440.000	J		
P2683-02	WC-4	Solid	trans-Sinapaldehyde	*	510.000	J		
P2683-02	WC-4	Solid	trans-Sinapyl alcohol	*	260.000	J		
P2683-02	WC-4	Solid	Triacontane	*	440.000	J		
Total Tics :					9,320.00			
P2683-02	WC-4	Solid	Anthracene		91.400	J	58.8	120 ug/Kg
P2683-02	WC-4	Solid	Benzo(a)anthracene		300.000		56.2	120 ug/Kg
P2683-02	WC-4	Solid	Benzo(a)pyrene		310.000		64.8	120 ug/Kg
P2683-02	WC-4	Solid	Benzo(b)fluoranthene		350.000		56.5	120 ug/Kg
P2683-02	WC-4	Solid	Benzo(g,h,i)perylene		210.000		55.8	120 ug/Kg
P2683-02	WC-4	Solid	Benzo(k)fluoranthene		110.000	J	57.6	120 ug/Kg
P2683-02	WC-4	Solid	Benzoic acid		280.000		170	230 ug/Kg
P2683-02	WC-4	Solid	Chrysene		300.000		55.4	120 ug/Kg
P2683-02	WC-4	Solid	Dibenzo(a,h)anthracene		56.800	J	56.6	120 ug/Kg
P2683-02	WC-4	Solid	Fluoranthene		580.000		56.9	120 ug/Kg
P2683-02	WC-4	Solid	Indeno(1,2,3-cd)pyrene		190.000		54.4	120 ug/Kg
P2683-02	WC-4	Solid	Phenanthrene		340.000		58.5	120 ug/Kg
P2683-02	WC-4	Solid	Pyrene		440.000		57.8	120 ug/Kg
Total Svoc :					3,558.20			
Total Concentration:					12,878.20			
Client ID : WCS-TPQ								
P2686-01	WCS-TPQ	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2686-01	WCS-TPQ	Solid	n-Hexadecanoic acid	*	170.000	J		
P2686-01	WCS-TPQ	Solid	Pentacos-1-ene	*	94.600	J		
Total Tics :					1,364.60			

Hit Summary Sheet SW-846

SDG No.: BP060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,364.60				
Client ID :	WCS-TPP							
P2686-05	WCS-TPP	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 *	76.500	J			
P2686-05	WCS-TPP	Solid	3(2H)-Pyridazinone, 4,5-diamino- *	56.300	J			
P2686-05	WCS-TPP	Solid	5-Eicosene, (E)- *	150.000	J			
P2686-05	WCS-TPP	Solid	Butane, 2-methoxy-2-methyl- *	790.000	J			
P2686-05	WCS-TPP	Solid	n-Hexadecanoic acid *	120.000	J			
P2686-05	WCS-TPP	Solid	p-Xylene *	120.000	J			
Total Tics :				1,312.80				
Total Concentration:				1,312.80				
Client ID :	330							
P2705-01	330	Solid	11H-Benzo[a]fluorene *	310.000	J			
P2705-01	330	Solid	4H-Cyclopenta[def]phenanthrene *	1,000.000	J			
P2705-01	330	Solid	9,10-Anthracenedione *	390.000	J			
P2705-01	330	Solid	Anthracene, 2-methyl- *	230.000	J			
P2705-01	330	Solid	Anthracene, 9-methyl- *	480.000	J			
P2705-01	330	Solid	Benzo[e]pyrene *	1,400.000	J			
P2705-01	330	Solid	Butane, 2-methoxy-2-methyl- *	890.000	J			
P2705-01	330	Solid	Cyclopenta(def)phenanthrenone *	510.000	J			
P2705-01	330	Solid	Dibenzothiophene *	260.000	J			
P2705-01	330	Solid	Naphthalene, 2-phenyl- *	310.000	J			
P2705-01	330	Solid	Perylene *	4,100.000	J			
P2705-01	330	Solid	Phenanthrene, 1-methyl- *	940.000	J			
P2705-01	330	Solid	Phenanthrene, 2,5-dimethyl- *	420.000	J			
P2705-01	330	Solid	Phenanthrene, 4-methyl- *	370.000	J			
Total Tics :				11,610.00				
P2705-01	330	Solid	Acenaphthylene	390.000	J	290	580	ug/Kg
P2705-01	330	Solid	Anthracene	950.000		290	580	ug/Kg
P2705-01	330	Solid	Benzo(a)anthracene	3,400.000		270	580	ug/Kg
P2705-01	330	Solid	Benzo(a)pyrene	4,000.000		320	580	ug/Kg
P2705-01	330	Solid	Benzo(b)fluoranthene	5,400.000		280	580	ug/Kg
P2705-01	330	Solid	Benzo(g,h,i)perylene	3,100.000		270	580	ug/Kg
P2705-01	330	Solid	Benzo(k)fluoranthene	1,500.000		280	580	ug/Kg
P2705-01	330	Solid	Carbazole	460.000	J	270	580	ug/Kg
P2705-01	330	Solid	Chrysene	3,500.000		270	580	ug/Kg
P2705-01	330	Solid	Dibenzo(a,h)anthracene	770.000		280	580	ug/Kg
P2705-01	330	Solid	Fluoranthene	6,700.000		280	580	ug/Kg
P2705-01	330	Solid	Fluorene	370.000	J	290	580	ug/Kg
P2705-01	330	Solid	Indeno(1,2,3-cd)pyrene	2,700.000		270	580	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2705-01	330	Solid	Phenanthrene	4,100.000		290	580	ug/Kg
P2705-01	330	Solid	Pyrene	5,100.000		280	580	ug/Kg
P2705-01	330	Solid	Total PAH	41,980.000		4520	9280	ug/Kg
Total Svoc :				84,420.00				
Total Concentration:				96,030.00				
Client ID : EO-01-060424								
P2712-01	EO-01-060424	Solid	10,13-Octadecadienoic acid, meth *	1,200.000	J			
P2712-01	EO-01-060424	Solid	11-Octadecenoic acid, methyl este *	1,600.000	J			
P2712-01	EO-01-060424	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	900.000	J			
P2712-01	EO-01-060424	Solid	9,10-Dimethylanthracene *	270.000	J			
P2712-01	EO-01-060424	Solid	Anthracene, 9-methyl- *	260.000	J			
P2712-01	EO-01-060424	Solid	Butane, 2-methoxy-2-methyl- *	830.000	J			
P2712-01	EO-01-060424	Solid	Heptadecane *	250.000	J			
P2712-01	EO-01-060424	Solid	Hexadecane *	230.000	J			
P2712-01	EO-01-060424	Solid	Hexadecanoic acid, methyl ester *	550.000	J			
P2712-01	EO-01-060424	Solid	Phenanthrene, 1-methyl- *	290.000	J			
P2712-01	EO-01-060424	Solid	Pyrene, 1-methyl- *	270.000	J			
P2712-01	EO-01-060424	Solid	unknown18.298 *	580.000	J			
Total Tics :				7,230.00				
P2712-01	EO-01-060424	Solid	Anthracene	290.000	J	280	570	ug/Kg
P2712-01	EO-01-060424	Solid	Benzo(a)anthracene	820.000		270	570	ug/Kg
P2712-01	EO-01-060424	Solid	Benzo(a)pyrene	820.000		310	570	ug/Kg
P2712-01	EO-01-060424	Solid	Benzo(b)fluoranthene	860.000		270	570	ug/Kg
P2712-01	EO-01-060424	Solid	Benzo(g,h,i)perylene	600.000		270	570	ug/Kg
P2712-01	EO-01-060424	Solid	Benzo(k)fluoranthene	280.000	J	280	570	ug/Kg
P2712-01	EO-01-060424	Solid	Chrysene	800.000		270	570	ug/Kg
P2712-01	EO-01-060424	Solid	Fluoranthene	1,400.000		270	570	ug/Kg
P2712-01	EO-01-060424	Solid	Indeno(1,2,3-cd)pyrene	470.000	J	260	570	ug/Kg
P2712-01	EO-01-060424	Solid	Phenanthrene	880.000		280	570	ug/Kg
P2712-01	EO-01-060424	Solid	Pyrene	1,300.000		280	570	ug/Kg
Total Svoc :				8,520.00				
Total Concentration:				15,750.00				
Client ID : WCS-TPC								
P2715-01	WCS-TPC	Solid	1-Phenoxypropan-2-ol *	160.000	J			
P2715-01	WCS-TPC	Solid	Butane, 2-methoxy-2-methyl- *	640.000	J			
P2715-01	WCS-TPC	Solid	Cycloeicosane *	130.000	J			
P2715-01	WCS-TPC	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	80.200	J			
P2715-01	WCS-TPC	Solid	Heptadecane *	56.600	J			
P2715-01	WCS-TPC	Solid	n-Hexadecanoic acid *	120.000	J			

Hit Summary Sheet
SW-846

SDG No.: BP060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2715-01	WCS-TPC	Solid	Octadecane	*	75.500	J		
P2715-01	WCS-TPC	Solid	Octadecanoic acid	*	60.200	J		
P2715-01	WCS-TPC	Solid	Pentanedioic acid, dimethyl ester	*	46.400	J		
P2715-01	WCS-TPC	Solid	Propylene Glycol	*	210.000	J		
P2715-01	WCS-TPC	Solid	unknown14.628	*	630.000	J		
Total Tics :					2,208.90			
Total Concentration:					2,208.90			



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.: BP060624 SAS No.: BP060624 SDG NO.: BP060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 12:14

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 PB161260BL	332310	7.77	1.28537e	10.53	796387	14.39
02 PB161260BS	384585	7.76	1.4116e+	10.53	751735	14.39
03 PB161222BL	331259	7.76	1.31936e	10.53	836597	14.39
04 PB161222BS	370157	7.76	1.4287e+	10.53	779933	14.39
05 PB161290BS	280216	7.76	997174	10.54	563266	14.39
06 WC-4	270532	7.75	1.07245e	10.52	680995	14.39
07 WC-TP-1	258347	7.76	1.02195e	10.53	651723	14.39
08 WC-TP-2	253859	7.76	939211	10.53	601159	14.39
09 330	238164	7.76	870848	10.53	547407	14.39
10 EO-01-060424	284829	7.76	1.09802e	10.53	643390	14.39
11 WCS-TPQ	281665	7.76	1.0674e+	10.53	656369	14.39
12 WCS-TPQMS	261692	7.76	925041	10.54	552492	14.39
13 WCS-TPQMSD	307749	7.76	1.01228e	10.53	553794	14.39
14 WCS-TPP	286169	7.76	1.1643e+	10.53	754499	14.39
15 WCS-TPC	268980	7.76	1.08091e	10.54	699135	14.39

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.: BP060624 SAS No.: BP060624 SDG NO.: BP060624

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BP020537.D

Time Analyzed: 12:14

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	334983	7.763	1.29832e+01	10.53	759733	14.39
UPPER LIMIT	669966	8.263	2596640	11.034	1519466	14.892
LOWER LIMIT	167491.5	7.263	649160	10.034	379866.5	13.892
EPA SAMPLE NO.						
01 PB161260BL	332310	7.77	1.28537e	10.53	796387	14.39
02 PB161260BS	384585	7.76	1.4116e+	10.53	751735	14.39
03 PB161222BL	331259	7.76	1.31936e	10.53	836597	14.39
04 PB161222BS	370157	7.76	1.4287e+	10.53	779933	14.39
05 PB161290BS	280216	7.76	997174	10.54	563266	14.39
06 WC-4	270532	7.75	1.07245e	10.52	680995	14.39
07 WC-TP-1	258347	7.76	1.02195e	10.53	651723	14.39
08 WC-TP-2	253859	7.76	939211	10.53	601159	14.39
09 330	238164	7.76	870848	10.53	547407	14.39
10 EO-01-060424	284829	7.76	1.09802e	10.53	643390	14.39
11 WCS-TPQ	281665	7.76	1.0674e+	10.53	656369	14.39
12 WCS-TPQMS	261692	7.76	925041	10.54	552492	14.39
13 WCS-TPQMSD	307749	7.76	1.01228e	10.53	553794	14.39
14 WCS-TPP	286169	7.76	1.1643e+	10.53	754499	14.39
15 WCS-TPC	268980	7.76	1.08091e	10.54	699135	14.39

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.: BP060624 SAS No.: BP060624 SDG NO.: BP060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 12:14

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	PB161260BL	1.59636	17.20	1.1973e+0	21.65	1.34431e+0	25.01
02	PB161260BS	1.42116	17.20	1.27268e+0	21.65	1.48207e+0	25.00
03	PB161222BL	1.56727	17.19	1.03394e+0	21.65	1.30145e+0	25.00
04	PB161222BS	1.41725	17.20	1.24004e+0	21.65	1.44214e+0	25.01
05	PB161290BS	1.11955	17.20	1.14851e+0	21.65	1.35556e+0	25.00
06	WC-4	1.41046	17.19	1.31092e+0	21.65	1.53922e+0	24.99
07	WC-TP-1	1.27901	17.19	1.25436e+0	21.65	1.49837e+0	25.01
08	WC-TP-2	1.07198	17.21	1.17139e+0	21.66	1.37524e+0	25.01
09	330	1.19283	17.20	1.06747e+0	21.65	1.29033e+0	25.01
10	EO-01-060424	1.35461	17.19	1.32781e+0	21.66	1.58926e+0	25.01
11	WCS-TPQ	1.42292	17.20	1.28074e+0	21.65	1.51604e+0	25.02
12	WCS-TPQMS	1.22699	17.20	1.17446e+0	21.65	1.40353e+0	25.02
13	WCS-TPQMSD	1.24335	17.20	1.28129e+0	21.66	1.52653e+0	25.03
14	WCS-TPP	1.54178	17.19	1.35196e+0	21.65	1.57552e+0	25.02
15	WCS-TPC	1.44431	17.20	1.26128e+0	21.66	1.48487e+0	25.02

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP060624 SAS No.: BP060624 SDG NO.: BP060624

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 22:44

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.						

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.: BP060624 SAS No.: BP060624 SDG NO.: BP060624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BP020537.D Time Analyzed: 12:14

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	1.29822e+01	17.192	1.03516e+	21.639	1.34714e+01	25.004
	UPPER LIMIT	2596440	17.692	2070320	22.139	2694280	25.504
	LOWER LIMIT	649110	16.692	517580	21.139	673570	24.504
	EPA SAMPLE NO.						
01	PB161260BL	1.59636	17.20	1.1973e+0	21.65	1.34431e+	25.01
02	PB161260BS	1.42116	17.20	1.27268e+	21.65	1.48207e+	25.00
03	PB161222BL	1.56727	17.19	1.03394e+	21.65	1.30145e+	25.00
04	PB161222BS	1.41725	17.20	1.24004e+	21.65	1.44214e+	25.01
05	PB161290BS	1.11955	17.20	1.14851e+	21.65	1.35556e+	25.00
06	WC-4	1.41046	17.19	1.31092e+	21.65	1.53922e+	24.99
07	WC-TP-1	1.27901	17.19	1.25436e+	21.65	1.49837e+	25.01
08	WC-TP-2	1.07198	17.21	1.17139e+	21.66	1.37524e+	25.01
09	330	1.19283	17.20	1.06747e+	21.65	1.29033e+	25.01
10	EO-01-060424	1.35461	17.19	1.32781e+	21.66	1.58926e+	25.01
11	WCS-TPQ	1.42292	17.20	1.28074e+	21.65	1.51604e+	25.02
12	WCS-TPQMS	1.22699	17.20	1.17446e+	21.65	1.40353e+	25.02
13	WCS-TPQMSD	1.24335	17.20	1.28129e+	21.66	1.52653e+	25.03
14	WCS-TPP	1.54178	17.19	1.35196e+	21.65	1.57552e+	25.02
15	WCS-TPC	1.44431	17.20	1.26128e+	21.66	1.48487e+	25.02

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP060624 SAS No.: BP060624 SDG NO.: BP060624

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BP020537.D Time Analyzed: 22:44

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	1.29822e+01	17.192	1.03516e+01	21.639	1.34714e+01	25.004
UPPER LIMIT	2596440	17.692	2070320	22.139	2694280	25.504
LOWER LIMIT	649110	16.692	517580	21.139	673570	24.504
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161222BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700		ug/Kg	0		*		10	147	
	Aniline	1700	660	ug/Kg	39				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	590	ug/Kg	35				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5300	ug/Kg	161		*		45	134	
	2,4,6-Trichlorophenol	1700	2000	ug/Kg	118		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	27300	ug/Kg	100				57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161222BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60	106	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1500	ug/Kg	88				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	1800	ug/Kg	106				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1800	ug/Kg	106		*		55	99	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	870	ug/Kg	51		*		67	113	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	630	ug/Kg	19				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	1700	ug/Kg	100		*		42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	2200	ug/Kg	129		*		63	101	
	Dibenz(a,h)anthracene	1700	2200	ug/Kg	129		*		61	112	
	Benzo(g,h,i)perylene	1700	2100	ug/Kg	124		*		70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1900	ug/Kg	112		*		53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161260BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700		ug/Kg	0		*		10	147	
	Aniline	1700	590	ug/Kg	35		*		38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	640	ug/Kg	38				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164		*		45	134	
	2,4,6-Trichlorophenol	1700	1900	ug/Kg	112		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	27600	ug/Kg	101				57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161260BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1800	ug/Kg	106		*		55	99	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	910	ug/Kg	54		*		67	113	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	630	ug/Kg	19				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	1700	ug/Kg	100		*		42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	2200	ug/Kg	129		*		63	101	
	Dibenz(a,h)anthracene	1700	2200	ug/Kg	129		*		61	112	
	Benzo(g,h,i)perylene	1700	2100	ug/Kg	124		*		70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1900	ug/Kg	112		*		53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161290BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	230	ug/Kg	14				10	147	
	Aniline	1700	830	ug/Kg	49				38	100	
	Phenol	1700	1300	ug/Kg	76				62	112	
	bis(2-Chloroethyl)ether	1700	1200	ug/Kg	71				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1200	ug/Kg	71				42	116	
	2-Methylphenol	1700	1200	ug/Kg	71				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1200	ug/Kg	71				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1200	ug/Kg	71				58	111	
	N-Nitroso-di-n-propylamine	1700	1100	ug/Kg	65				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				67	119	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	590	ug/Kg	35				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1200	ug/Kg	71				67	110	
	4-Chloro-3-methylphenol	1700	1200	ug/Kg	71				58	112	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	5000	ug/Kg	152		*		45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1300	ug/Kg	76				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1300	ug/Kg	76				61	104	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	23700	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161290BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	2700	ug/Kg	79				60	106	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106	
	Diethylphthalate	1700	1300	ug/Kg	76				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				57	107	
	Benzidine	3300	670	ug/Kg	20				10	98	
	Pyrene	1700	1200	ug/Kg	71				59	103	
	Butylbenzylphthalate	1700	1300	ug/Kg	76				55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1300	ug/Kg	76				63	111	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1200	ug/Kg	71				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161222BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060624

SAS No.: BP060624 SDG NO.: BP060624

Lab File ID: BP020540.D

Lab Sample ID: PB161222BL

Instrument ID: BNA_P

Date Extracted: 05/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 13:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161222BS	PB161222BS	BP020541.D	06/06/2024
WC-TP-1	P2668-01	BP020544.D	06/06/2024
WC-TP-2	P2668-05	BP020545.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161260BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060624

SAS No.: BP060624 SDG NO.: BP060624

Lab File ID: BP020538.D

Lab Sample ID: PB161260BL

Instrument ID: BNA_P

Date Extracted: 06/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 12:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161260BS	PB161260BS	BP020539.D	06/06/2024
WCS-TPQ	P2686-01	BP020548.D	06/06/2024
WCS-TPQMS	P2686-01MS	BP020549.D	06/06/2024
WCS-TPQMSD	P2686-01MSD	BP020550.D	06/06/2024
WCS-TPP	P2686-05	BP020551.D	06/06/2024
WC-4	P2683-02	BP020543.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161290BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060624

SAS No.: BP060624 SDG NO.: BP060624

Lab File ID: BP020542.D

Lab Sample ID: PB161290BS

Instrument ID: BNA_P

Date Extracted: 06/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 15:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161290BS	PB161290BS	BP020542.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

330

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060624

SAS No.: BP060624 SDG NO.: BP060624

Lab File ID: BP020546.D

Lab Sample ID: P2705-01

Instrument ID: BNA_P

Date Extracted: 06/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 18:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
330	P2705-01	BP020546.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EO-01-060424

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060624

SAS No.: BP060624 SDG NO.: BP060624

Lab File ID: BP020547.D

Lab Sample ID: P2712-01

Instrument ID: BNA_P

Date Extracted: 06/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 19:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EO-01-060424	P2712-01	BP020547.D	06/06/2024
WCS-TPC	P2715-01	BP020552.D	06/06/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2686-01MS		Client Sample ID: WCS-TPQMS		DataFile: BP020549.D							
n-Nitrosodimethylamine	1200		910	ug/Kg	76				66	124	
Pyridine	1200		840	ug/Kg	70				45	119	
Benzaldehyde	1200		160	ug/Kg	13	*			26	163	
Aniline	1200		360	ug/Kg	30				10	88	
Phenol	1200		950	ug/Kg	79				67	126	
bis(2-Chloroethyl)ether	1200		920	ug/Kg	77				74	116	
2-Chlorophenol	1200		1000	ug/Kg	83				61	138	
1,2-Dichlorobenzene	1200		960	ug/Kg	80				61	105	
1,3-Dichlorobenzene	1200		980	ug/Kg	82				62	101	
1,4-Dichlorobenzene	1200		990	ug/Kg	83				63	104	
Benzyl Alcohol	1200		910	ug/Kg	76				47	126	
2-Methylphenol	1200		900	ug/Kg	75				66	122	
2,2-oxybis(1-Chloropropane)	1200		830	ug/Kg	69				52	115	
Acetophenone	1200		1000	ug/Kg	83				75	111	
3+4-Methylphenols	1200		890	ug/Kg	74				53	132	
N-Nitroso-di-n-propylamine	1200		810	ug/Kg	68				59	119	
Hexachloroethane	1200		940	ug/Kg	78				65	117	
Nitrobenzene	1200		970	ug/Kg	81				70	119	
Isophorone	1200		930	ug/Kg	78				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		1000	ug/Kg	83				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		1000	ug/Kg	83				72	110	
4-Chloroaniline	1200		270	ug/Kg	23				10	100	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		930	ug/Kg	78				51	134	
4-Chloro-3-methylphenol	1200		960	ug/Kg	80				57	132	
2-Methylnaphthalene	1200		940	ug/Kg	78				59	123	
Hexachlorocyclopentadiene	2300		1000	ug/Kg	43				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		980	ug/Kg	82				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		1000	ug/Kg	83				70	125	
3-Nitroaniline	1200		730	ug/Kg	61				20	111	
Acenaphthene	1200		1000	ug/Kg	83				70	121	
Total PAH	19200		17110	ug/Kg	89				70	121	
2,4-Dinitrophenol	2300		1000	ug/Kg	43				16	160	
4-Nitrophenol	2300		2600	ug/Kg	113				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060624

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		2100	ug/Kg	88				55	128	
Diethylphthalate	1200		980	ug/Kg	82				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		1000	ug/Kg	83				68	116	
4-Nitroaniline	1200		1000	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1200		590	ug/Kg	49				32	145	
N-Nitrosodiphenylamine	1200		1000	ug/Kg	83				73	118	
Azobenzene	1200		1000	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		2500	ug/Kg	109				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		790	ug/Kg	34				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		980	ug/Kg	82				67	121	
Benzo(k)fluoranthene	1200		980	ug/Kg	82				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		930	ug/Kg	78				46	112	
2,3,4,6-Tetrachlorophenol	1200		1300	ug/Kg	108				56	133	
1-Methylnaphthalene	1200		880	ug/Kg	73				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2686-01MSD		Client Sample ID: WCS-TPQMSD		DataFile: BP020550.D							
n-Nitrosodimethylamine	1200		870	ug/Kg	73		4		66	124	20
Pyridine	1200		790	ug/Kg	66		6		45	119	20
Benzaldehyde	1200		150	ug/Kg	13	*	0		26	163	20
Aniline	1200		360	ug/Kg	30		0		10	88	20
Phenol	1200		850	ug/Kg	71		11		67	126	20
bis(2-Chloroethyl)ether	1200		860	ug/Kg	72	*	7		74	116	20
2-Chlorophenol	1200		920	ug/Kg	77		8		61	138	20
1,2-Dichlorobenzene	1200		890	ug/Kg	74		8		61	105	20
1,3-Dichlorobenzene	1200		910	ug/Kg	76		8		62	101	20
1,4-Dichlorobenzene	1200		910	ug/Kg	76		9		63	104	20
Benzyl Alcohol	1200		810	ug/Kg	68		11		47	126	20
2-Methylphenol	1200		800	ug/Kg	67		11		66	122	20
2,2-oxybis(1-Chloropropane)	1200		760	ug/Kg	63		9		52	115	20
Acetophenone	1200		980	ug/Kg	82		1		75	111	20
3+4-Methylphenols	1200		760	ug/Kg	63		16		53	132	20
N-Nitroso-di-n-propylamine	1200		730	ug/Kg	61		11		59	119	20
Hexachloroethane	1200		870	ug/Kg	73		7		65	117	20
Nitrobenzene	1200		940	ug/Kg	78		4		70	119	20
Isophorone	1200		860	ug/Kg	72	*	8		76	122	20
2-Nitrophenol	1200		1100	ug/Kg	92		8		54	145	20
2,4-Dimethylphenol	1200		970	ug/Kg	81	*	13		83	144	20
bis(2-Chloroethoxy)methane	1200		880	ug/Kg	73		8		68	112	20
2,4-Dichlorophenol	1200		960	ug/Kg	80		14		72	118	20
1,2,4-Trichlorobenzene	1200		970	ug/Kg	81		2		57	103	20
Benzoic acid	1200		980	ug/Kg	82		11		50	104	20
Naphthalene	1200		920	ug/Kg	77		8		72	110	20
4-Chloroaniline	1200		250	ug/Kg	21		9		10	100	20
Hexachlorobutadiene	1200		1000	ug/Kg	83		10		66	114	20
Caprolactam	1200		780	ug/Kg	65		18		51	134	20
4-Chloro-3-methylphenol	1200		830	ug/Kg	69		15		57	132	20
2-Methylnaphthalene	1200		830	ug/Kg	69		12		59	123	20
Hexachlorocyclopentadiene	2300		1500	ug/Kg	65		41	*	10	175	20
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92		8		72	117	20
2,4,5-Trichlorophenol	1200		1000	ug/Kg	83		10		72	117	20
1,1-Biphenyl	1200		1000	ug/Kg	83		0		75	113	20
2-Chloronaphthalene	1200		970	ug/Kg	81		2		67	118	20
2-Nitroaniline	1200		1000	ug/Kg	83		10		69	127	20
Dimethylphthalate	1200		900	ug/Kg	75		9		70	113	20
Acenaphthylene	1200		1000	ug/Kg	83		10		79	118	20
2,6-Dinitrotoluene	1200		930	ug/Kg	78		6		70	125	20
3-Nitroaniline	1200		680	ug/Kg	57		7		20	111	20
Acenaphthene	1200		930	ug/Kg	78		6		70	121	20
Total PAH	19200		15850	ug/Kg	83		7		70	121	20
2,4-Dinitrophenol	2300		1300	ug/Kg	57		28	*	16	160	20
4-Nitrophenol	2300		2400	ug/Kg	104		8		45	133	20
Dibenzofuran	1200		970	ug/Kg	81		2		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1000	ug/Kg	83		10		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		1930	ug/Kg	80		10		55	128	20
Diethylphthalate	1200		880	ug/Kg	73		12		70	112	20
4-Chlorophenyl-phenylether	1200		940	ug/Kg	78		6		71	108	20
Fluorene	1200		970	ug/Kg	81		2		68	116	20
4-Nitroaniline	1200		940	ug/Kg	78		6		55	120	20
4,6-Dinitro-2-methylphenol	1200		680	ug/Kg	57		15		32	145	20
N-Nitrosodiphenylamine	1200		910	ug/Kg	76		9		73	118	20
Azobenzene	1200		900	ug/Kg	75		10		73	110	20
4-Bromophenyl-phenylether	1200		940	ug/Kg	78		16		65	121	20
Hexachlorobenzene	1200		970	ug/Kg	81		13		67	118	20
Atrazine	1200		1000	ug/Kg	83		10		79	127	20
Pentachlorophenol	2300		2300	ug/Kg	100		9		47	128	20
Phenanthrene	1200		990	ug/Kg	83		10		72	113	20
Anthracene	1200		1000	ug/Kg	83		10		62	124	20
Carbazole	1200		1000	ug/Kg	83		10		59	119	20
Di-n-butylphthalate	1200		950	ug/Kg	79		15		69	118	20
Fluoranthene	1200		1100	ug/Kg	92		0		59	125	20
Benzydine	2300		730	ug/Kg	32		6		10	119	20
Pyrene	1200		850	ug/Kg	71		11		52	128	20
Butylbenzylphthalate	1200		900	ug/Kg	75		10		64	126	20
3,3-Dichlorobenzidine	1200		1100	ug/Kg	92		8		10	164	20
Benzo(a)anthracene	1200		990	ug/Kg	83		10		71	114	20
Chrysene	1200		980	ug/Kg	82		11		57	121	20
bis(2-Ethylhexyl)phthalate	1200		940	ug/Kg	78		6		66	127	20
Di-n-octyl phthalate	1200		1100	ug/Kg	92		8		71	126	20
Benzo(b)fluoranthene	1200		900	ug/Kg	75		9		67	121	20
Benzo(k)fluoranthene	1200		920	ug/Kg	77		6		74	114	20
Benzo(a)pyrene	1200		1000	ug/Kg	83		10		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1100	ug/Kg	92		8		61	125	20
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92		8		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		860	ug/Kg	72		8		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		8		56	133	20
1-Methylnaphthalene	1200		770	ug/Kg	64	*	13		70	130	20

Surrogate Summary

SW-846

SDG No.: **BP060624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2668-01	WC-TP-1	BP020544.D	2-Fluorophenol	150	80.16	53		18	112
			Phenol-d6	150	74.37	50		15	107
			Nitrobenzene-d5	100	50.10	50		18	107
			2-Fluorobiphenyl	100	48.07	48		20	109
			2,4,6-Tribromophenol	150	98.28	66		10	110
			Terphenyl-d14	100	43.97	44		14	112
P2668-05	WC-TP-2	BP020545.D	2-Fluorophenol	150	67.14	45		18	112
			Phenol-d6	150	61.36	41		15	107
			Nitrobenzene-d5	100	44.30	44		18	107
			2-Fluorobiphenyl	100	41.64	42		20	109
			2,4,6-Tribromophenol	150	74.80	50		10	110
			Terphenyl-d14	100	36.84	37		14	112
PB161222BL	PB161222BL	BP020540.D	2-Fluorophenol	150	140.27	94		18	112
			Phenol-d6	150	127.04	85		15	107
			Nitrobenzene-d5	100	84.52	85		18	107
			2-Fluorobiphenyl	100	82.78	83		20	109
			2,4,6-Tribromophenol	150	139.65	93		10	110
			Terphenyl-d14	100	81.93	82		14	112
PB161222BS	PB161222BS	BP020541.D	2-Fluorophenol	150	150.18	100		18	112
			Phenol-d6	150	133.50	89		15	107
			Nitrobenzene-d5	100	92.13	92		18	107
			2-Fluorobiphenyl	100	97.45	97		20	109
			2,4,6-Tribromophenol	150	162.87	109		10	110
			Terphenyl-d14	100	80.55	81		14	112

Surrogate Summary

SW-846

SDG No.: **BP060624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2683-02	WC-4	BP020543.D	2-Fluorophenol	150	80.41	54		18	112
			Phenol-d6	150	74.53	50		15	107
			Nitrobenzene-d5	100	50.06	50		18	107
			2-Fluorobiphenyl	100	47.65	48		20	109
			2,4,6-Tribromophenol	150	96.78	65		10	110
			Terphenyl-d14	100	41.91	42		14	112
P2686-01	WCS-TPQ	BP020548.D	2-Fluorophenol	150	126.99	85		18	112
			Phenol-d6	150	113.62	76		15	107
			Nitrobenzene-d5	100	78.34	78		18	107
			2-Fluorobiphenyl	100	75.49	75		20	109
			2,4,6-Tribromophenol	150	163.85	109		10	110
			Terphenyl-d14	100	69.74	70		14	112
P2686-01MS	WCS-TPQMS	BP020549.D	2-Fluorophenol	150	120.15	80		18	112
			Phenol-d6	150	103.70	69		15	107
			Nitrobenzene-d5	100	75.87	76		18	107
			2-Fluorobiphenyl	100	73.04	73		20	109
			2,4,6-Tribromophenol	150	159.71	106		10	110
			Terphenyl-d14	100	64.87	65		14	112
P2686-01MSD	WCS-TPQMSD	BP020550.D	2-Fluorophenol	150	112.51	75		18	112
			Phenol-d6	150	93.84	63		15	107
			Nitrobenzene-d5	100	72.82	73		18	107
			2-Fluorobiphenyl	100	67.75	68		20	109
			2,4,6-Tribromophenol	150	143.97	96		10	110
			Terphenyl-d14	100	59.05	59		14	112
P2686-05	WCS-TPP	BP020551.D	2-Fluorophenol	150	79.82	53		18	112
			Phenol-d6	150	74.96	50		15	107
			Nitrobenzene-d5	100	48.03	48		18	107
			2-Fluorobiphenyl	100	46.85	47		20	109
			2,4,6-Tribromophenol	150	98.01	65		10	110
			Terphenyl-d14	100	43.65	44		14	112
PB161260BL	PB161260BL	BP020538.D	2-Fluorophenol	150	138.76	93		18	112
			Phenol-d6	150	123.47	82		15	107
			Nitrobenzene-d5	100	85.05	85		18	107
			2-Fluorobiphenyl	100	84.08	84		20	109
			2,4,6-Tribromophenol	150	148.78	99		10	110
			Terphenyl-d14	100	79.73	80		14	112
PB161260BS	PB161260BS	BP020539.D	2-Fluorophenol	150	147.65	98		18	112
			Phenol-d6	150	128.45	86		15	107
			Nitrobenzene-d5	100	91.35	91		18	107
			2-Fluorobiphenyl	100	96.99	97		20	109
			2,4,6-Tribromophenol	150	167.22	111	*	10	110
			Terphenyl-d14	100	82.22	82		14	112



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

Surrogate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161290BS	PB161290BS	BP020542.D	2-Fluorophenol	150	128.27	86		18	112
			Phenol-d6	150	108.85	73		15	107
			Nitrobenzene-d5	100	81.73	82		18	107
			2-Fluorobiphenyl	100	85.85	86		20	109
			2,4,6-Tribromophenol	150	144.35	96		10	110
			Terphenyl-d14	100	71.38	71		14	112



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

Surrogate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2705-01	330	BP020546.D	2-Fluorophenol	150	60.63	40		18	112
			Phenol-d6	150	51.03	34		15	107
			Nitrobenzene-d5	100	38.14	38		18	107
			2-Fluorobiphenyl	100	43.48	43		20	109
			2,4,6-Tribromophenol	150	81.11	54		10	110
			Terphenyl-d14	100	41.37	41		14	112

Surrogate Summary

SW-846

SDG No.: BP060624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2712-01	EO-01-060424	BP020547.D	2-Fluorophenol	150	92.97	62		18	112
			Phenol-d6	150	83.83	56		15	107
			Nitrobenzene-d5	100	56.01	56		18	107
			2-Fluorobiphenyl	100	60.05	60		20	109
			2,4,6-Tribromophenol	150	112.14	75		10	110
			Terphenyl-d14	100	53.59	54		14	112
P2715-01	WCS-TPC	BP020552.D	2-Fluorophenol	150	121.54	81		18	112
			Phenol-d6	150	114.89	77		15	107
			Nitrobenzene-d5	100	76.06	76		18	107
			2-Fluorobiphenyl	100	74.13	74		20	109
			2,4,6-Tribromophenol	150	156.13	104		10	110
			Terphenyl-d14	100	68.09	68		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP060624

Lab Code: CHEM

SAS No.: BP060624

SDG NO.: BP060624

Lab File ID: BP020536.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.8
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	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	88.2
443	15.0 - 24.0% of mass 442	17.1 (19.3) 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	BP020537.D	06/06/2024	11:30
PB161260BL	PB161260BL	BP020538.D	06/06/2024	12:14
PB161260BS	PB161260BS	BP020539.D	06/06/2024	12:57
PB161222BL	PB161222BL	BP020540.D	06/06/2024	13:42
PB161222BS	PB161222BS	BP020541.D	06/06/2024	14:25
PB161290BS	PB161290BS	BP020542.D	06/06/2024	15:10
WC-4	P2683-02	BP020543.D	06/06/2024	16:02
WC-TP-1	P2668-01	BP020544.D	06/06/2024	16:46
WC-TP-2	P2668-05	BP020545.D	06/06/2024	17:31
330	P2705-01	BP020546.D	06/06/2024	18:16
EO-01-060424	P2712-01	BP020547.D	06/06/2024	19:00
WCS-TPQ	P2686-01	BP020548.D	06/06/2024	19:45
WCS-TPQMS	P2686-01MS	BP020549.D	06/06/2024	20:30
WCS-TPQMSD	P2686-01MSD	BP020550.D	06/06/2024	21:15
WCS-TPP	P2686-05	BP020551.D	06/06/2024	21:59
WCS-TPC	P2715-01	BP020552.D	06/06/2024	22:44