

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP060724 SAS No.: BP060724 SDG No.: BP060724

Instrument ID: BNA_P Calibration Date/Time: 6/7/2024 12:10:16

Lab File ID: BP020554.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	0.539		-12.5	
Pyridine	1.269	1.219		-3.94	
2-Fluorophenol	1.117	1.135		1.611	
Benzaldehyde	1.010	0.866		-14.257	
Aniline	1.596	1.420		-11.028	
Phenol-d6	1.575	1.484		-5.778	
Phenol	1.614	1.507		-6.629	20.0
bis(2-Chloroethyl) ether	1.331	1.221		-8.264	
2-Chlorophenol	1.252	1.234		-1.438	
1,2-Dichlorobenzene	1.447	1.412		-2.419	
1,3-Dichlorobenzene	1.475	1.466		-0.61	
1,4-Dichlorobenzene	1.499	1.480		-1.268	20.0
Benzyl Alcohol	1.164	1.040		-10.653	
2-Methylphenol	1.095	1.023		-6.575	
2,2-oxybis(1-Chloropropane)	1.987	1.592		-19.879	
Acetophenone	0.496	0.490		-1.21	
3+4-Methylphenols	1.489	1.375		-7.656	
n-Nitroso-di-n-propylamine	1.075	0.912	0.050	-15.163	
Nitrobenzene-d5	0.365	0.373		2.192	
Hexachloroethane	0.548	0.536		-2.19	
Nitrobenzene	0.371	0.370		-0.27	
Isophorone	0.710	0.653		-8.028	
2-Nitrophenol	0.128	0.172		34.375	20.0
2,4-Dimethylphenol	0.214	0.210		-1.869	
bis(2-Chloroethoxy) methane	0.436	0.404		-7.339	
2,4-Dichlorophenol	0.288	0.304		5.556	20.0
1,2,4-Trichlorobenzene	0.342	0.353		3.216	
Benzoic acid	0.181	0.221		22.099	
Naphthalene	1.022	1.023		0.098	
4-Chloroaniline	0.396	0.362		-8.586	
Hexachlorobutadiene	0.215	0.235		9.302	20.0
Caprolactam	0.105	0.093		-11.429	
4-Chloro-3-methylphenol	0.337	0.318		-5.638	20.0
2-Methylnaphthalene	0.733	0.684		-6.685	
Hexachlorocyclopentadiene	0.203	0.259	0.050	27.586	
2,4,6-Trichlorophenol	0.350	0.404		15.429	20.0
2-Fluorobiphenyl	1.342	1.402		4.471	
2,4,5-Trichlorophenol	0.404	0.448		10.891	
1,1-Biphenyl	1.411	1.443		2.268	

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Instrument ID: BNA_P Calibration Date/Time: 6/7/2024 12:10:16

Lab File ID: BP020554.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	1.148		2.317	
2-Nitroaniline	0.304	0.317		4.276	
Dimethylphthalate	1.410	1.313		-6.879	
Acenaphthylene	1.665	1.688		1.381	
2,6-Dinitrotoluene	0.301	0.308		2.326	
3-Nitroaniline	0.302	0.291		-3.642	
Acenaphthene	1.050	1.029		-2.0	20.0
2,4-Dinitrophenol	0.104	0.142	0.050	36.538	
4-Nitrophenol	0.234	0.225	0.050	-3.846	
Dibenzofuran	1.664	1.607		-3.425	
2,4-Dinitrotoluene	0.396	0.403		1.768	
Diethylphthalate	1.433	1.261		-12.003	
4-Chlorophenyl-phenylether	0.689	0.663		-3.774	
Fluorene	1.336	1.264		-5.389	
4-Nitroaniline	0.311	0.281		-9.646	
4,6-Dinitro-2-methylphenol	0.078	0.111		42.308	
n-Nitrosodiphenylamine	0.550	0.573		4.182	20.0
Azobenzene	1.338	1.169		-12.631	
2,4,6-Tribromophenol	0.208	0.242		16.346	
4-Bromophenyl-phenylether	0.205	0.225		9.756	
Hexachlorobenzene	0.241	0.261		8.299	
Atrazine	0.193	0.174		-9.845	
Pentachlorophenol	0.146	0.167		14.384	20.0
Phenanthrene	0.983	0.976		-0.712	
Anthracene	0.965	0.970		0.518	
Carbazole	0.933	0.898		-3.751	
Di-n-butylphthalate	1.130	1.036		-8.319	
Fluoranthene	1.163	1.111		-4.471	20.0
Benzidine	0.610	0.377		-38.197	
Pyrene	1.504	1.399		-6.981	
Terphenyl-d14	1.201	1.126		-6.245	
Butylbenzylphthalate	0.549	0.517		-5.829	
3,3-Dichlorobenzidine	0.391	0.459		17.391	
Benzo(a)anthracene	1.317	1.314		-0.228	
Chrysene	1.241	1.240		-0.081	
Bis(2-ethylhexyl)phthalate	0.856	0.747		-12.734	
Di-n-octyl phthalate	1.244	1.406		13.023	20.0
Benzo(b)fluoranthene	1.246	1.124		-9.791	
Benzo(k)fluoranthene	1.215	1.076		-11.44	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP060724 SAS No.: BP060724 SDG No.: BP060724
 Instrument ID: BNA_P Calibration Date/Time: 6/7/2024 12:10:16
 Lab File ID: BP020554.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	1.022		-0.969	20.0
Indeno(1,2,3-cd)pyrene	1.216	1.394		14.638	
Dibenzo(a,h)anthracene	1.014	1.149		13.314	
Benzo(g,h,i)perylene	1.014	1.167		15.089	
1,2,4,5-Tetrachlorobenzene	0.579	0.637		10.017	
1,4-Dioxane	0.451	0.450		-0.222	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.354		7.273	
1-Methylnaphthalene	0.726	0.676		-6.887	

All other compounds must meet a minimum RRF of 0.010.



Client:			Date Collected:	6/5/2024 12:00:00 AM	
Project:			Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	PB161329BL		SDG No.:	BP060724	
Lab Sample ID:	PB161329BL		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
BP020555.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

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



Client:				Date Collected:	6/5/2024 12:00:00 AM	
Project:				Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	PB161329BL			SDG No.:	BP060724	
Lab Sample ID:	PB161329BL			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
BP020555.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161329BL	SDG No.:	BP060724
Lab Sample ID:	PB161329BL	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
BP020555.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

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	132.371		18-112		88	SPK: -150
13127-88-3	Phenol-d6	114.485		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	84.824		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	88.809		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161329BL	SDG No.:	BP060724
Lab Sample ID:	PB161329BL	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
BP020555.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.469		10-110		96	SPK: -150
1718-51-0	Terphenyl-d14	71.227		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	301125	7.758				
1146-65-2	Naphthalene-d8	1100744	10.528				
15067-26-2	Acenaphthene-d10	618511	14.387				
1517-22-2	Phenanthrene-d10	1123315	17.204				
1719-03-5	Chrysene-d12	1132006	21.657				
1520-96-3	Perylene-d12	1454345	25.021				

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161329BS	SDG No.:	BP060724
Lab Sample ID:	PB161329BS	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
BP020556.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		86.8	270	330	ug/Kg
110-86-1	Pyridine	960		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	240	J	180	270	330	ug/Kg
62-53-3	Aniline	1100		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		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)	1200		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		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	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.8	130	170	ug/Kg
78-59-1	Isophorone	1300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	630		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161329BS	SDG No.:	BP060724
Lab Sample ID:	PB161329BS	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
BP020556.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

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	4500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1300		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1300		81.1	130	170	ug/Kg
Total PAH	Total PAH	23700		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2600		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1300		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.6	130	170	ug/Kg
86-73-7	Fluorene	1300		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1100		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161329BS	SDG No.:	BP060724
Lab Sample ID:	PB161329BS	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
BP020556.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1400		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1300		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1300		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1200		81.7	130	170	ug/Kg
92-87-5	Benzidine	710		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.7	130	170	ug/Kg
218-01-9	Chrysene	1400		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.792		18-112		93	SPK: -150
13127-88-3	Phenol-d6	126.837		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	81.019		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	79.717		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	PB161329BS	SDG No.:	BP060724
Lab Sample ID:	PB161329BS	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
BP020556.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.153		10-110		101	SPK: -150
1718-51-0	Terphenyl-d14	88.673		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	392694	7.763				
1146-65-2	Naphthalene-d8	1607073	10.528				
15067-26-2	Acenaphthene-d10	1035870	14.386				
1517-22-2	Phenanthrene-d10	1875387	17.198				
1719-03-5	Chrysene-d12	1162068	21.668				
1520-96-3	Perylene-d12	1331274	25.039				



Client:				Date Collected:		6/4/2024 12:00:00 AM	
Project:				Date Received:		6/4/2024 12:00:00 AM	
Client Sample ID:		PB161307BL		SDG No.:		BP060724	
Lab Sample ID:		PB161307BL		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
BP020557.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PB161307BL	SDG No.:	BP060724
Lab Sample ID:	PB161307BL	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
BP020557.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	PB161307BL	SDG No.:	BP060724
Lab Sample ID:	PB161307BL	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
BP020557.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	150.65		18-112		100	SPK: -150
13127-88-3	Phenol-d6	135.573		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	94.611		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	92.356		20-109		92	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:	PB161307BL	SDG No.:	BP060724
Lab Sample ID:	PB161307BL	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
BP020557.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	175.244	*	10-110		117	SPK: -150
1718-51-0	Terphenyl-d14	97.317		14-112		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320077	7.757				
1146-65-2	Naphthalene-d8	1252582	10.528				
15067-26-2	Acenaphthene-d10	835336	14.398				
1517-22-2	Phenanthrene-d10	1686522	17.198				
1719-03-5	Chrysene-d12	1223686	21.663				
1520-96-3	Perylene-d12	1387362	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	99	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			4.928	



Client:				Date Collected:	6/4/2024 12:00:00 AM	
Project:				Date Received:	6/4/2024 12:00:00 AM	
Client Sample ID:	PB161307BS			SDG No.:	BP060724	
Lab Sample ID:	PB161307BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.02	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
BP020558.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

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	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	240	J	180	270	330	ug/Kg
62-53-3	Aniline	980		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		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	1400		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		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	1300		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		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	1200		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		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	1500		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	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	530		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg



Client:			Date Collected:	6/4/2024 12:00:00 AM	
Project:			Date Received:	6/4/2024 12:00:00 AM	
Client Sample ID:	PB161307BS		SDG No.:	BP060724	
Lab Sample ID:	PB161307BS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.02	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
BP020558.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		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	870		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1300		81	130	170	ug/Kg
Total PAH	Total PAH	23300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2400		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1100		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	1000		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1200		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.3	130	170	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:	PB161307BS	SDG No.:	BP060724
Lab Sample ID:	PB161307BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BP020558.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	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	1300		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1300		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1200		81.6	130	170	ug/Kg
92-87-5	Benzidine	680		160	270	330	ug/Kg
129-00-0	Pyrene	1200		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		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	1500		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	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		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	1800		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	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.074		18-112		93	SPK: -150
13127-88-3	Phenol-d6	122.223		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	81.675		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	85.517		20-109		86	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:	PB161307BS	SDG No.:	BP060724
Lab Sample ID:	PB161307BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BP020558.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.287		10-110		89	SPK: -150
1718-51-0	Terphenyl-d14	72.25		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381624	7.757				
1146-65-2	Naphthalene-d8	1483458	10.534				
15067-26-2	Acenaphthene-d10	804310	14.392				
1517-22-2	Phenanthrene-d10	1275307	17.198				
1719-03-5	Chrysene-d12	1032793	21.668				
1520-96-3	Perylene-d12	1343200	25.027				

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:	B-01			SDG No.:	BP060724		
Lab Sample ID:	P2707-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.7		
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
BP020559.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.9	U	93.9	290	360	ug/Kg
110-86-1	Pyridine	86.5	U	86.5	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.7	U	89.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.6	U	90.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.4	U	90.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.1	U	93.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.6	U	93.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.8	U	89.8	290	360	ug/Kg
95-48-7	2-Methylphenol	87.2	U	87.2	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.4	U	98.4	140	180	ug/Kg
98-86-2	Acetophenone	94.1	U	94.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.4	U	86.4	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	43.6	86.6	86.6	ug/Kg
67-72-1	Hexachloroethane	89.8	U	89.8	140	180	ug/Kg
98-95-3	Nitrobenzene	98.3	U	98.3	140	180	ug/Kg
78-59-1	Isophorone	91.6	U	91.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.9	U	92.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.7	U	81.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.4	U	92.4	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.4	U	89.4	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.4	U	89.4	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.2	U	90.2	140	180	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:	B-01	SDG No.:	BP060724
Lab Sample ID:	P2707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.03	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
BP020559.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.9	U	93.9	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.9	U	83.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.3	U	89.3	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.3	U	77.3	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.1	U	80.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.6	U	94.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.2	U	90.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.4	U	88.4	140	180	ug/Kg
208-96-8	Acenaphthylene	93.6	U	93.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.1	U	90.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.5	U	96.5	140	180	ug/Kg
83-32-9	Acenaphthene	87.8	U	87.8	140	180	ug/Kg
Total PAH	Total PAH	1433.3	U	1433.3	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.3	U	91.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.4	U	183.4	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.3	U	93.3	140	180	ug/Kg
84-66-2	Diethylphthalate	86.7	U	86.7	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.6	U	92.6	140	180	ug/Kg
86-73-7	Fluorene	92.5	U	92.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.3	U	88.3	140	180	ug/Kg
103-33-3	Azobenzene	86.2	U	86.2	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.4	U	85.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92	U	92	140	180	ug/Kg
1912-24-9	Atrazine	98.9	U	98.9	140	180	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:	B-01	SDG No.:	BP060724
Lab Sample ID:	P2707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.03	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
BP020559.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.7	U	83.7	290	360	ug/Kg
85-01-8	Phenanthrene	90.9	U	90.9	140	180	ug/Kg
120-12-7	Anthracene	91.3	U	91.3	140	180	ug/Kg
86-74-8	Carbazole	86.9	U	86.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.2	U	91.2	140	180	ug/Kg
206-44-0	Fluoranthene	110	J	88.4	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	89.8	U	89.8	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.3	U	87.3	140	180	ug/Kg
218-01-9	Chrysene	86	U	86	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.5	U	98.5	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	87.8	U	87.8	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.4	U	89.4	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.5	U	84.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.9	U	87.9	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.7	U	86.7	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.9	U	93.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.9	U	80.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.947		18-112		58	SPK: -150
13127-88-3	Phenol-d6	78.85		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	54.589		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	54.56		20-109		55	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:	B-01	SDG No.:	BP060724
Lab Sample ID:	P2707-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.03	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
BP020559.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.943		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	49.785		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	393844	7.758				
1146-65-2	Naphthalene-d8	1515601	10.522				
15067-26-2	Acenaphthene-d10	924585	14.387				
1517-22-2	Phenanthrene-d10	1835049	17.192				
1719-03-5	Chrysene-d12	1705990	21.651				
1520-96-3	Perylene-d12	2022535	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.034	
000057-55-6	Propylene Glycol	290	J			3.558	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	160	J			7.363	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.263	
000629-78-7	Heptadecane	78.3	J			14.293	
	unknown14.598	470	J			14.598	
	unknown14.616	460	J			14.616	
000544-76-3	Hexadecane	83.7	J			15.263	
000629-50-5	Tridecane	96.3	J			16.157	
000057-11-4	Octadecanoic acid	84.4	J			16.381	
000544-63-8	Tetradecanoic acid	93.1	J			16.451	
000057-10-3	n-Hexadecanoic acid	550	J			18.145	
004206-58-0	trans-Sinapaldehyde	96.7	J			18.422	
	unknown18.463	130	J			18.463	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	110	J			19.139	
001002-84-2	Pentadecanoic acid	250	J			19.48	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			21.339	

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:	B-02	SDG No.:	BP060724
Lab Sample ID:	P2707-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.07	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
BP020560.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.8	U	94.8	300	360	ug/Kg
110-86-1	Pyridine	87.3	U	87.3	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.6	U	90.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.2	U	91.2	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.4	U	92.4	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94	U	94	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.5	U	94.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.7	U	90.7	300	360	ug/Kg
95-48-7	2-Methylphenol	88.1	U	88.1	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.3	U	99.3	140	190	ug/Kg
98-86-2	Acetophenone	95	U	95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.2	U	87.2	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44	U	44	87.4	87.4	ug/Kg
67-72-1	Hexachloroethane	90.7	U	90.7	140	190	ug/Kg
98-95-3	Nitrobenzene	99.2	U	99.2	140	190	ug/Kg
78-59-1	Isophorone	92.4	U	92.4	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.5	U	82.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.3	U	93.3	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	U	90.3	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91	U	91	140	190	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:	B-02			SDG No.:	BP060724		
Lab Sample ID:	P2707-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.7		
Sample Wt/Vol:	30.07	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
BP020560.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.8	U	94.8	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.7	U	84.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.5	U	95.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91	U	91	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.3	U	89.3	140	190	ug/Kg
208-96-8	Acenaphthylene	94.5	U	94.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.9	U	90.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.5	U	97.5	140	190	ug/Kg
83-32-9	Acenaphthene	88.6	U	88.6	140	190	ug/Kg
Total PAH	Total PAH	1446.3	U	1446.3	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.2	U	92.2	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.2	U	94.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.1	U	185.1	140	380	ug/Kg
84-66-2	Diethylphthalate	87.5	U	87.5	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.5	U	93.5	140	190	ug/Kg
86-73-7	Fluorene	93.4	U	93.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	140	190	ug/Kg
103-33-3	Azobenzene	87	U	87	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.2	U	86.2	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.9	U	92.9	140	190	ug/Kg
1912-24-9	Atrazine	99.9	U	99.9	140	190	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:	B-02			SDG No.:	BP060724		
Lab Sample ID:	P2707-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.7		
Sample Wt/Vol:	30.07	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
BP020560.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.5	U	84.5	300	360	ug/Kg
85-01-8	Phenanthrene	91.8	U	91.8	140	190	ug/Kg
120-12-7	Anthracene	92.2	U	92.2	140	190	ug/Kg
86-74-8	Carbazole	87.7	U	87.7	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.1	U	92.1	140	190	ug/Kg
206-44-0	Fluoranthene	89.3	U	89.3	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	90.7	U	90.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.2	U	88.2	140	190	ug/Kg
218-01-9	Chrysene	86.9	U	86.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.4	U	99.4	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.6	U	88.6	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.3	U	85.3	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.7	U	88.7	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.5	U	87.5	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.8	U	94.8	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.6	U	81.6	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.9	U	90.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.355		18-112		63	SPK: -150
13127-88-3	Phenol-d6	86.228		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	59.183		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	56.644		20-109		57	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:	B-02	SDG No.:	BP060724
Lab Sample ID:	P2707-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.07	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
BP020560.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.776		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	48.854		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	406364	7.764				
1146-65-2	Naphthalene-d8	1557225	10.534				
15067-26-2	Acenaphthene-d10	958308	14.387				
1517-22-2	Phenanthrene-d10	1979466	17.198				
1719-03-5	Chrysene-d12	1835937	21.651				
1520-96-3	Perylene-d12	2163848	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.034	
000057-55-6	Propylene Glycol	120	J			3.564	
000770-35-4	1-Phenoxypropan-2-ol	99.4	J			11.269	
000057-10-3	n-Hexadecanoic acid	380	J			18.145	
000057-11-4	Octadecanoic acid	140	J			19.48	
018435-45-5	1-Nonadecene	260	J			21.339	

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:	SW-01	SDG No.:	BP060724
Lab Sample ID:	P2707-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.1	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
BP020561.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.9	U	98.9	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99.8	U	99.8	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98.8	U	98.8	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.9	U	49.9	99	99	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.5	U	93.5	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	J	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	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:	SW-01	SDG No.:	BP060724
Lab Sample ID:	P2707-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020561.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.4	U	88.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.6	U	91.6	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	140	J	100	160	210	ug/Kg
Total PAH	Total PAH	5980		1634.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.2	U	99.2	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	150	J	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.6	U	98.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.7	U	97.7	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	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:	SW-01	SDG No.:	BP060724
Lab Sample ID:	P2707-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.1	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
BP020561.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.7	U	95.7	330	410	ug/Kg
85-01-8	Phenanthrene	1100		100	160	210	ug/Kg
120-12-7	Anthracene	330		100	160	210	ug/Kg
86-74-8	Carbazole	140	J	99.4	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	1100		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	760		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	480		99.9	160	210	ug/Kg
218-01-9	Chrysene	430		98.4	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	380		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	96.7	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		99.2	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.5	U	92.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.749		18-112		64	SPK: -150
13127-88-3	Phenol-d6	88.065		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.938		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	56.375		20-109		56	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:	SW-01	SDG No.:	BP060724
Lab Sample ID:	P2707-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.5
Sample Wt/Vol:	30.1	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
BP020561.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.331		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	46.575		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	418868	7.758				
1146-65-2	Naphthalene-d8	1596880	10.528				
15067-26-2	Acenaphthene-d10	1001039	14.387				
1517-22-2	Phenanthrene-d10	1987375	17.198				
1719-03-5	Chrysene-d12	1853594	21.657				
1520-96-3	Perylene-d12	2194045	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.034	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.263	
000057-10-3	n-Hexadecanoic acid	360	J			18.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			18.298	
086711-81-1	2- Chloropropionic acid, hexadecyl	190	J			21.339	
000192-97-2	Benzo[e]pyrene	290	J			24.704	

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:	SW-03	SDG No.:	BP060724
Lab Sample ID:	P2707-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.02	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
BP020562.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92	U	92	290	350	ug/Kg
110-86-1	Pyridine	84.7	U	84.7	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.9	U	87.9	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.7	U	88.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.5	U	88.5	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.7	U	89.7	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.7	U	91.7	140	180	ug/Kg
100-51-6	Benzyl Alcohol	88	U	88	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	92.1	U	92.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.6	U	84.6	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	84.8	ug/Kg
67-72-1	Hexachloroethane	88	U	88	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.7	U	89.7	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.8	U	98.8	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.5	U	90.5	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.3	U	88.3	140	180	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:	SW-03	SDG No.:	BP060724
Lab Sample ID:	P2707-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.02	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
BP020562.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92	U	92	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.7	U	75.7	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.3	U	88.3	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	140	180	ug/Kg
208-96-8	Acenaphthylene	91.7	U	91.7	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.2	U	88.2	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	140	180	ug/Kg
Total PAH	Total PAH	1404.2	U	1404.2	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.5	U	179.5	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
84-66-2	Diethylphthalate	84.9	U	84.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	140	180	ug/Kg
86-73-7	Fluorene	90.6	U	90.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.5	U	86.5	140	180	ug/Kg
103-33-3	Azobenzene	84.4	U	84.4	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90.1	U	90.1	140	180	ug/Kg
1912-24-9	Atrazine	96.9	U	96.9	140	180	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:	SW-03	SDG No.:	BP060724
Lab Sample ID:	P2707-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.02	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
BP020562.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	89	U	89	140	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	140	180	ug/Kg
86-74-8	Carbazole	85.1	U	85.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	86.6	U	86.6	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	88	U	88	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.5	U	85.5	140	180	ug/Kg
218-01-9	Chrysene	84.2	U	84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.9	U	85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.5	U	87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.6	U	98.6	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.8	U	82.8	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.1	U	86.1	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.9	U	84.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.2	U	79.2	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.2	U	88.2	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.026		18-112		55	SPK: -150
13127-88-3	Phenol-d6	75.308		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.874		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	51.727		20-109		52	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:	SW-03	SDG No.:	BP060724
Lab Sample ID:	P2707-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.02	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
BP020562.D	1	6/4/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161307

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.603		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	48.178		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	358616	7.752				
1146-65-2	Naphthalene-d8	1367898	10.528				
15067-26-2	Acenaphthene-d10	877370	14.387				
1517-22-2	Phenanthrene-d10	1839805	17.192				
1719-03-5	Chrysene-d12	1772537	21.663				
1520-96-3	Perylene-d12	2071092	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			3.028	
000067-63-0	Isopropyl Alcohol	210	J			3.552	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			7.358	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.263	
	unknown14.592	190	J			14.592	
000057-10-3	n-Hexadecanoic acid	220	J			18.151	
000057-11-4	Octadecanoic acid	75.2	J			19.48	
016980-85-1	Pentacos-1-ene	170	J			21.345	

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-TPM	SDG No.:	BP060724
Lab Sample ID:	P2715-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020563.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.8	U	54.8	170	210	ug/Kg
110-86-1	Pyridine	50.5	U	50.5	82.1	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	61.2	U	61.2	82.1	110	ug/Kg
108-95-2	Phenol	52.4	U	52.4	82.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.9	U	52.9	82.1	110	ug/Kg
95-57-8	2-Chlorophenol	52.8	U	52.8	82.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.5	U	53.5	82.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.3	U	54.3	82.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.7	U	54.7	82.1	110	ug/Kg
100-51-6	Benzyl Alcohol	52.4	U	52.4	170	210	ug/Kg
95-48-7	2-Methylphenol	50.9	U	50.9	82.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.4	U	57.4	82.1	110	ug/Kg
98-86-2	Acetophenone	54.9	U	54.9	82.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.4	U	50.4	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.5	U	25.5	50.5	50.5	ug/Kg
67-72-1	Hexachloroethane	52.4	U	52.4	82.1	110	ug/Kg
98-95-3	Nitrobenzene	57.4	U	57.4	82.1	110	ug/Kg
78-59-1	Isophorone	53.5	U	53.5	82.1	110	ug/Kg
88-75-5	2-Nitrophenol	59.7	U	59.7	82.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.9	U	58.9	82.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.2	U	54.2	82.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.7	U	47.7	82.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54	U	54	82.1	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.2	U	52.2	82.1	110	ug/Kg
106-47-8	4-Chloroaniline	52.2	U	52.2	82.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.6	U	52.6	82.1	110	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-TPM	SDG No.:	BP060724
Lab Sample ID:	P2715-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020563.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.8	U	54.8	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	82.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.1	U	52.1	82.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.6	U	98.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.1	U	45.1	82.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.8	U	46.8	82.1	110	ug/Kg
92-52-4	1,1-Biphenyl	55.2	U	55.2	82.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.6	U	52.6	82.1	110	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	82.1	110	ug/Kg
131-11-3	Dimethylphthalate	51.6	U	51.6	82.1	110	ug/Kg
208-96-8	Acenaphthylene	54.7	U	54.7	82.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.6	U	52.6	82.1	110	ug/Kg
99-09-2	3-Nitroaniline	56.4	U	56.4	82.1	110	ug/Kg
83-32-9	Acenaphthene	51.2	U	51.2	82.1	110	ug/Kg
Total PAH	Total PAH	837.1	U	837.1	82.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.3	U	73.3	170	210	ug/Kg
132-64-9	Dibenzofuran	53.3	U	53.3	82.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.1	U	107.1	82.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.5	U	54.5	82.1	110	ug/Kg
84-66-2	Diethylphthalate	50.6	U	50.6	82.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.1	U	54.1	82.1	110	ug/Kg
86-73-7	Fluorene	54	U	54	82.1	110	ug/Kg
100-01-6	4-Nitroaniline	67.6	U	67.6	82.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.9	U	73.9	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.6	U	51.6	82.1	110	ug/Kg
103-33-3	Azobenzene	50.3	U	50.3	82.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.9	U	49.9	82.1	110	ug/Kg
118-74-1	Hexachlorobenzene	53.7	U	53.7	82.1	110	ug/Kg
1912-24-9	Atrazine	57.8	U	57.8	82.1	110	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-TPM	SDG No.:	BP060724
Lab Sample ID:	P2715-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020563.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.8	U	48.8	170	210	ug/Kg
85-01-8	Phenanthrene	53.1	U	53.1	82.1	110	ug/Kg
120-12-7	Anthracene	53.3	U	53.3	82.1	110	ug/Kg
86-74-8	Carbazole	50.7	U	50.7	82.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.3	U	53.3	82.1	110	ug/Kg
206-44-0	Fluoranthene	51.6	U	51.6	82.1	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.4	U	52.4	82.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.2	U	61.2	82.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.3	U	62.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	82.1	110	ug/Kg
218-01-9	Chrysene	50.2	U	50.2	82.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.5	U	57.5	82.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.5	U	69.5	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.2	U	51.2	82.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.2	U	52.2	82.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.8	U	58.8	82.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.3	U	49.3	82.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.3	U	51.3	82.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.6	U	50.6	82.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.8	U	54.8	82.1	110	ug/Kg
123-91-1	1,4-Dioxane	69.5	U	69.5	82.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.2	U	47.2	82.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.6	U	52.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	133.198		18-112		89	SPK: -150
13127-88-3	Phenol-d6	119.253		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	83.162		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	77.218		20-109		77	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-TPM	SDG No.:	BP060724
Lab Sample ID:	P2715-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020563.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.873		10-110		109	SPK: -150
1718-51-0	Terphenyl-d14	68.725		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381205	7.752				
1146-65-2	Naphthalene-d8	1470110	10.528				
15067-26-2	Acenaphthene-d10	915907	14.381				
1517-22-2	Phenanthrene-d10	1846097	17.198				
1719-03-5	Chrysene-d12	1737321	21.657				
1520-96-3	Perylene-d12	2066897	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	760	J			3.028	
000067-63-0	Isopropyl Alcohol	220	J			3.558	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	90.1	J			7.357	
001119-40-0	Pentanedioic acid, dimethyl ester	47.4	J			9.457	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.263	
	unknown14.616	830	J			14.616	
000057-10-3	n-Hexadecanoic acid	190	J			18.151	
000057-11-4	Octadecanoic acid	69.3	J			19.48	
088104-31-8	2- Chloropropionic acid, octadecyl	130	J			21.339	

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-TPMMS	SDG No.:	BP060724
Lab Sample ID:	P2715-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020564.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	740		54.8	170	210	ug/Kg
110-86-1	Pyridine	670		50.4	82.1	110	ug/Kg
100-52-7	Benzaldehyde	120	J	110	170	210	ug/Kg
62-53-3	Aniline	700		61.2	82.1	110	ug/Kg
108-95-2	Phenol	830		52.3	82.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	790		52.8	82.1	110	ug/Kg
95-57-8	2-Chlorophenol	890		52.7	82.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	800		53.4	82.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	820		54.3	82.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	820		54.6	82.1	110	ug/Kg
100-51-6	Benzyl Alcohol	830		52.4	170	210	ug/Kg
95-48-7	2-Methylphenol	830		50.9	82.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710		57.4	82.1	110	ug/Kg
98-86-2	Acetophenone	830		54.9	82.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	820		50.4	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	720		25.4	50.5	50.5	ug/Kg
67-72-1	Hexachloroethane	810		52.4	82.1	110	ug/Kg
98-95-3	Nitrobenzene	800		57.3	82.1	110	ug/Kg
78-59-1	Isophorone	770		53.4	82.1	110	ug/Kg
88-75-5	2-Nitrophenol	1000		59.7	82.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	920		58.8	82.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	780		54.2	82.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	930		47.7	82.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	850		53.9	82.1	110	ug/Kg
65-85-0	Benzoic acid	970		150	170	210	ug/Kg
91-20-3	Naphthalene	820		52.1	82.1	110	ug/Kg
106-47-8	4-Chloroaniline	620		52.1	82.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	850		52.6	82.1	110	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-TPMMS	SDG No.:	BP060724
Lab Sample ID:	P2715-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020564.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	810		54.8	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	830		48.9	82.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	790		52.1	82.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	E	98.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		45.1	82.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950		46.7	82.1	110	ug/Kg
92-52-4	1,1-Biphenyl	860		55.2	82.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	850		52.6	82.1	110	ug/Kg
88-74-4	2-Nitroaniline	910		60	82.1	110	ug/Kg
131-11-3	Dimethylphthalate	810		51.6	82.1	110	ug/Kg
208-96-8	Acenaphthylene	900		54.6	82.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	860		52.5	82.1	110	ug/Kg
99-09-2	3-Nitroaniline	770		56.3	82.1	110	ug/Kg
83-32-9	Acenaphthene	830		51.2	82.1	110	ug/Kg
Total PAH	Total PAH	13850		836.5	82.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1800	E	73.2	170	210	ug/Kg
132-64-9	Dibenzofuran	840		53.3	82.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		54.4	82.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	750		106.9	82.1	220	ug/Kg
84-66-2	Diethylphthalate	800		50.6	82.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	830		54	82.1	110	ug/Kg
86-73-7	Fluorene	820		54	82.1	110	ug/Kg
100-01-6	4-Nitroaniline	850		67.5	82.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	930		73.9	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	890		51.5	82.1	110	ug/Kg
103-33-3	Azobenzene	790		50.2	82.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	920		49.8	82.1	110	ug/Kg
118-74-1	Hexachlorobenzene	890		53.7	82.1	110	ug/Kg
1912-24-9	Atrazine	940		57.7	82.1	110	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-TPMMS	SDG No.:	BP060724
Lab Sample ID:	P2715-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020564.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	48.8	170	210	ug/Kg
85-01-8	Phenanthrene	870		53	82.1	110	ug/Kg
120-12-7	Anthracene	900		53.3	82.1	110	ug/Kg
86-74-8	Carbazole	860		50.7	82.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	880		53.2	82.1	110	ug/Kg
206-44-0	Fluoranthene	880		51.6	82.1	110	ug/Kg
92-87-5	Benzidine	790		100	170	210	ug/Kg
129-00-0	Pyrene	740		52.4	82.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	790		61.1	82.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		62.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	860		50.9	82.1	110	ug/Kg
218-01-9	Chrysene	840		50.2	82.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	790		57.4	82.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	980		69.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		51.2	82.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	800		52.1	82.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	910		58.7	82.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990		49.3	82.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		51.3	82.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		50.6	82.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		54.8	82.1	110	ug/Kg
123-91-1	1,4-Dioxane	710		69.4	82.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	990		47.2	82.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	730		52.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.569		18-112		80	SPK: -150
13127-88-3	Phenol-d6	107.827		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	72.967		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	65.826		20-109		66	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-TPMMS	SDG No.:	BP060724
Lab Sample ID:	P2715-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020564.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.549		10-110		94	SPK: -150
1718-51-0	Terphenyl-d14	58.646		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	363179	7.752				
1146-65-2	Naphthalene-d8	1408509	10.528				
15067-26-2	Acenaphthene-d10	860918	14.387				
1517-22-2	Phenanthrene-d10	1710771	17.192				
1719-03-5	Chrysene-d12	1635288	21.663				
1520-96-3	Perylene-d12	1942430	25.027				

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-TPMMSD	SDG No.:	BP060724
Lab Sample ID:	P2715-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020565.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	810		54.8	170	210	ug/Kg
110-86-1	Pyridine	730		50.4	82.1	110	ug/Kg
100-52-7	Benzaldehyde	140	J	110	170	210	ug/Kg
62-53-3	Aniline	740		61.2	82.1	110	ug/Kg
108-95-2	Phenol	920		52.3	82.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	850		52.8	82.1	110	ug/Kg
95-57-8	2-Chlorophenol	980		52.7	82.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	890		53.4	82.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	890		54.3	82.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	890		54.6	82.1	110	ug/Kg
100-51-6	Benzyl Alcohol	910		52.4	170	210	ug/Kg
95-48-7	2-Methylphenol	920		50.9	82.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	770		57.4	82.1	110	ug/Kg
98-86-2	Acetophenone	910		54.9	82.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	900		50.4	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		25.4	50.5	50.5	ug/Kg
67-72-1	Hexachloroethane	880		52.4	82.1	110	ug/Kg
98-95-3	Nitrobenzene	880		57.3	82.1	110	ug/Kg
78-59-1	Isophorone	840		53.4	82.1	110	ug/Kg
88-75-5	2-Nitrophenol	1100		59.7	82.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		58.8	82.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	870		54.2	82.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		47.7	82.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		53.9	82.1	110	ug/Kg
65-85-0	Benzoic acid	1100		150	170	210	ug/Kg
91-20-3	Naphthalene	900		52.2	82.1	110	ug/Kg
106-47-8	4-Chloroaniline	700		52.2	82.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	940		52.6	82.1	110	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-TPMMSD	SDG No.:	BP060724
Lab Sample ID:	P2715-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020565.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	910		54.8	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		48.9	82.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	880		52.1	82.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	98.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.1	82.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		46.7	82.1	110	ug/Kg
92-52-4	1,1-Biphenyl	940		55.2	82.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	930		52.6	82.1	110	ug/Kg
88-74-4	2-Nitroaniline	1000		60	82.1	110	ug/Kg
131-11-3	Dimethylphthalate	890		51.6	82.1	110	ug/Kg
208-96-8	Acenaphthylene	1000		54.6	82.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		52.5	82.1	110	ug/Kg
99-09-2	3-Nitroaniline	880		56.3	82.1	110	ug/Kg
83-32-9	Acenaphthene	890		51.2	82.1	110	ug/Kg
Total PAH	Total PAH	15260		836.8	82.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	2100	E	73.2	170	210	ug/Kg
132-64-9	Dibenzofuran	930		53.3	82.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		54.4	82.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	950		106.9	82.1	220	ug/Kg
84-66-2	Diethylphthalate	870		50.6	82.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		54	82.1	110	ug/Kg
86-73-7	Fluorene	910		54	82.1	110	ug/Kg
100-01-6	4-Nitroaniline	950		67.6	82.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		73.9	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	940		51.5	82.1	110	ug/Kg
103-33-3	Azobenzene	860		50.3	82.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		49.8	82.1	110	ug/Kg
118-74-1	Hexachlorobenzene	940		53.7	82.1	110	ug/Kg
1912-24-9	Atrazine	1000		57.7	82.1	110	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-TPMMSD	SDG No.:	BP060724
Lab Sample ID:	P2715-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020565.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	48.8	170	210	ug/Kg
85-01-8	Phenanthrene	940		53	82.1	110	ug/Kg
120-12-7	Anthracene	990		53.3	82.1	110	ug/Kg
86-74-8	Carbazole	930		50.7	82.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	930		53.2	82.1	110	ug/Kg
206-44-0	Fluoranthene	970		51.6	82.1	110	ug/Kg
92-87-5	Benzidine	890		100	170	210	ug/Kg
129-00-0	Pyrene	820		52.4	82.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	890		61.1	82.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		62.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	950		51	82.1	110	ug/Kg
218-01-9	Chrysene	950		50.2	82.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890		57.5	82.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		69.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		51.2	82.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	890		52.2	82.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	990		58.7	82.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		49.3	82.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		51.3	82.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		50.6	82.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		54.8	82.1	110	ug/Kg
123-91-1	1,4-Dioxane	780		69.4	82.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		47.2	82.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	820		52.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.582		18-112		88	SPK: -150
13127-88-3	Phenol-d6	117.926		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	81.174		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	71.54		20-109		72	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-TPMMSD	SDG No.:	BP060724
Lab Sample ID:	P2715-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BP020565.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.482		10-110		106	SPK: -150
1718-51-0	Terphenyl-d14	64.797		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344196	7.752				
1146-65-2	Naphthalene-d8	1318003	10.522				
15067-26-2	Acenaphthene-d10	820123	14.381				
1517-22-2	Phenanthrene-d10	1697749	17.198				
1719-03-5	Chrysene-d12	1610187	21.669				
1520-96-3	Perylene-d12	1947087	25.033				



Client:			Date Collected:	6/6/2024 12:00:00 AM	
Project:			Date Received:	6/6/2024 12:00:00 AM	
Client Sample ID:	OR-02-06062024		SDG No.:	BP060724	
Lab Sample ID:	P2756-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	12.4	
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
BP020566.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

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	290	U	290	440	580	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	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	300	U	300	440	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	920	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	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



Client:			Date Collected:	6/6/2024 12:00:00 AM	
Project:			Date Received:	6/6/2024 12:00:00 AM	
Client Sample ID:	OR-02-06062024		SDG No.:	BP060724	
Lab Sample ID:	P2756-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	12.4	
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
BP020566.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

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	300	U	300	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	4540	U	4540	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	830	U	830	920	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	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	290	U	290	440	580	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024	SDG No.:	BP060724
Lab Sample ID:	P2756-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.08	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
BP020566.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

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	290	U	290	440	580	ug/Kg
120-12-7	Anthracene	290	U	290	440	580	ug/Kg
86-74-8	Carbazole	270	U	270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	580	ug/Kg
206-44-0	Fluoranthene	390	J	280	440	580	ug/Kg
92-87-5	Benzidine	560	U	560	920	1100	ug/Kg
129-00-0	Pyrene	350	J	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	280	U	280	440	580	ug/Kg
218-01-9	Chrysene	270	U	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	380	U	380	920	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	280	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	320	U	320	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	270	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	U	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	380	U	380	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.5		18-112		77	SPK: -150
13127-88-3	Phenol-d6	103.53		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	70.37		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	74.64		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024	SDG No.:	BP060724
Lab Sample ID:	P2756-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BP020566.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.49		10-110		94	SPK: -150
1718-51-0	Terphenyl-d14	67.86		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	349425	7.758				
1146-65-2	Naphthalene-d8	1350498	10.534				
15067-26-2	Acenaphthene-d10	877460	14.381				
1517-22-2	Phenanthrene-d10	1836975	17.198				
1719-03-5	Chrysene-d12	1692021	21.645				
1520-96-3	Perylene-d12	2015403	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.028	

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MS	SDG No.:	BP060724
Lab Sample ID:	P2756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BP020567.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	800	J	300	920	1100	ug/Kg
110-86-1	Pyridine	720		270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	920	1100	ug/Kg
62-53-3	Aniline	590		330	440	580	ug/Kg
108-95-2	Phenol	910		280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	850		290	440	580	ug/Kg
95-57-8	2-Chlorophenol	960		290	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	900		290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		300	440	580	ug/Kg
100-51-6	Benzyl Alcohol	870	J	280	920	1100	ug/Kg
95-48-7	2-Methylphenol	890		280	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		310	440	580	ug/Kg
98-86-2	Acetophenone	920		300	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	870	J	270	920	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	800		140	270	270	ug/Kg
67-72-1	Hexachloroethane	840		280	440	580	ug/Kg
98-95-3	Nitrobenzene	860		310	440	580	ug/Kg
78-59-1	Isophorone	870		290	440	580	ug/Kg
88-75-5	2-Nitrophenol	1300		320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	860		290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	980		260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	950		290	440	580	ug/Kg
65-85-0	Benzoic acid	1500		810	920	1100	ug/Kg
91-20-3	Naphthalene	930		280	440	580	ug/Kg
106-47-8	4-Chloroaniline	610		280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	960		280	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MS	SDG No.:	BP060724
Lab Sample ID:	P2756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BP020567.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	850	J	300	920	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	900		270	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	900		280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	920	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	980		300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	960		280	440	580	ug/Kg
88-74-4	2-Nitroaniline	1000		330	440	580	ug/Kg
131-11-3	Dimethylphthalate	920		280	440	580	ug/Kg
208-96-8	Acenaphthylene	1000		300	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	910		280	440	580	ug/Kg
99-09-2	3-Nitroaniline	830		310	440	580	ug/Kg
83-32-9	Acenaphthene	920		280	440	580	ug/Kg
Total PAH	Total PAH	17360		4540	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	830	U	830	920	1100	ug/Kg
100-02-7	4-Nitrophenol	2000		400	920	1100	ug/Kg
132-64-9	Dibenzofuran	980		290	440	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		290	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	840		570	440	1160	ug/Kg
84-66-2	Diethylphthalate	940		270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		290	440	580	ug/Kg
86-73-7	Fluorene	980		290	440	580	ug/Kg
100-01-6	4-Nitroaniline	910		370	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980	J	400	920	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		280	440	580	ug/Kg
103-33-3	Azobenzene	880		270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	930		290	440	580	ug/Kg
1912-24-9	Atrazine	1000		310	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MS	SDG No.:	BP060724
Lab Sample ID:	P2756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BP020567.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900		260	920	1100	ug/Kg
85-01-8	Phenanthrene	1100		290	440	580	ug/Kg
120-12-7	Anthracene	1100		290	440	580	ug/Kg
86-74-8	Carbazole	990		270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	1000		290	440	580	ug/Kg
206-44-0	Fluoranthene	1300		280	440	580	ug/Kg
92-87-5	Benzidine	1100		560	920	1100	ug/Kg
129-00-0	Pyrene	1100		280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	1200		330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000	J	340	920	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1100		280	440	580	ug/Kg
218-01-9	Chrysene	1100		270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	950		310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		380	920	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		280	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	930		280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	1200		320	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		270	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		280	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		300	440	580	ug/Kg
123-91-1	1,4-Dioxane	780		380	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		260	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	850		280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.34		18-112		73	SPK: -150
13127-88-3	Phenol-d6	98.335		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	67.09		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	69.26		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MS	SDG No.:	BP060724
Lab Sample ID:	P2756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BP020567.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.6		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	60.53		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381549	7.763				
1146-65-2	Naphthalene-d8	1492890	10.534				
15067-26-2	Acenaphthene-d10	943084	14.387				
1517-22-2	Phenanthrene-d10	1962663	17.198				
1719-03-5	Chrysene-d12	1799061	21.645				
1520-96-3	Perylene-d12	2198540	25.027				

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MSD	SDG No.:	BP060724
Lab Sample ID:	P2756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BP020568.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	800	J	300	920	1100	ug/Kg
110-86-1	Pyridine	720		270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	920	1100	ug/Kg
62-53-3	Aniline	620		330	440	580	ug/Kg
108-95-2	Phenol	910		280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	860		290	440	580	ug/Kg
95-57-8	2-Chlorophenol	970		290	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	920		290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	920		290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	920		300	440	580	ug/Kg
100-51-6	Benzyl Alcohol	870	J	280	920	1100	ug/Kg
95-48-7	2-Methylphenol	910		280	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820		310	440	580	ug/Kg
98-86-2	Acetophenone	920		300	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	880	J	270	920	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	840		140	270	270	ug/Kg
67-72-1	Hexachloroethane	810		280	440	580	ug/Kg
98-95-3	Nitrobenzene	880		310	440	580	ug/Kg
78-59-1	Isophorone	890		290	440	580	ug/Kg
88-75-5	2-Nitrophenol	1300		320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	890		290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	990		260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		290	440	580	ug/Kg
65-85-0	Benzoic acid	1500		810	920	1100	ug/Kg
91-20-3	Naphthalene	940		280	440	580	ug/Kg
106-47-8	4-Chloroaniline	660		280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	970		290	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MSD	SDG No.:	BP060724
Lab Sample ID:	P2756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020568.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	880	J	300	920	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		270	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	900		280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	920	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	990		300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	960		290	440	580	ug/Kg
88-74-4	2-Nitroaniline	1000		330	440	580	ug/Kg
131-11-3	Dimethylphthalate	940		280	440	580	ug/Kg
208-96-8	Acenaphthylene	1100		300	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		280	440	580	ug/Kg
99-09-2	3-Nitroaniline	850		310	440	580	ug/Kg
83-32-9	Acenaphthene	930		280	440	580	ug/Kg
Total PAH	Total PAH	17710		4540	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	830	U	830	920	1100	ug/Kg
100-02-7	4-Nitrophenol	2000		400	920	1100	ug/Kg
132-64-9	Dibenzofuran	980		290	440	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		300	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	830		580	440	1160	ug/Kg
84-66-2	Diethylphthalate	950		270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	960		290	440	580	ug/Kg
86-73-7	Fluorene	980		290	440	580	ug/Kg
100-01-6	4-Nitroaniline	930		370	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	940	J	400	920	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		280	440	580	ug/Kg
103-33-3	Azobenzene	890		270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	940		290	440	580	ug/Kg
1912-24-9	Atrazine	1100		310	440	580	ug/Kg



Client:			Date Collected:	6/6/2024 12:00:00 AM	
Project:			Date Received:	6/6/2024 12:00:00 AM	
Client Sample ID:	OR-02-06062024MSD		SDG No.:	BP060724	
Lab Sample ID:	P2756-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	12.4	
Sample Wt/Vol:	50.03	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020568.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900		260	920	1100	ug/Kg
85-01-8	Phenanthrene	1100		290	440	580	ug/Kg
120-12-7	Anthracene	1100		290	440	580	ug/Kg
86-74-8	Carbazole	1000		270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	1000		290	440	580	ug/Kg
206-44-0	Fluoranthene	1300		280	440	580	ug/Kg
92-87-5	Benzidine	1200		560	920	1100	ug/Kg
129-00-0	Pyrene	1100		280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	1200		330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		340	920	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1200		280	440	580	ug/Kg
218-01-9	Chrysene	1100		270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	960		310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		380	920	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		280	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	960		280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	1200		320	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		270	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		280	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		300	440	580	ug/Kg
123-91-1	1,4-Dioxane	770		380	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		260	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	860		280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.72		18-112		74	SPK: -150
13127-88-3	Phenol-d6	99.6		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	67.285		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	69.72		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	OR-02-06062024MSD	SDG No.:	BP060724
Lab Sample ID:	P2756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020568.D	5	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.385		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	60.91		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	384272	7.763				
1146-65-2	Naphthalene-d8	1512070	10.528				
15067-26-2	Acenaphthene-d10	952567	14.386				
1517-22-2	Phenanthrene-d10	1934289	17.198				
1719-03-5	Chrysene-d12	1789113	21.668				
1520-96-3	Perylene-d12	2212380	25.051				

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BP060724
Lab Sample ID:	P2763-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56
Sample Wt/Vol:	0.56	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
BP020569.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10600	U	10600	32900	40200	ug/Kg
110-86-1	Pyridine	9700	U	9700	15800	20700	ug/Kg
100-52-7	Benzaldehyde	22200	U	22200	32900	40200	ug/Kg
62-53-3	Aniline	11800	U	11800	15800	20700	ug/Kg
108-95-2	Phenol	10100	U	10100	15800	20700	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	10200	U	10200	15800	20700	ug/Kg
95-57-8	2-Chlorophenol	10200	U	10200	15800	20700	ug/Kg
95-50-1	1,2-Dichlorobenzene	10300	U	10300	15800	20700	ug/Kg
541-73-1	1,3-Dichlorobenzene	10500	U	10500	15800	20700	ug/Kg
106-46-7	1,4-Dichlorobenzene	10500	U	10500	15800	20700	ug/Kg
100-51-6	Benzyl Alcohol	10100	U	10100	32900	40200	ug/Kg
95-48-7	2-Methylphenol	9800	U	9800	15800	20700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	11100	U	11100	15800	20700	ug/Kg
98-86-2	Acetophenone	10600	U	10600	15800	20700	ug/Kg
65794-96-9	3+4-Methylphenols	9700	U	9700	32900	40200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	4900	U	4900	9700	9700	ug/Kg
67-72-1	Hexachloroethane	10100	U	10100	15800	20700	ug/Kg
98-95-3	Nitrobenzene	11100	U	11100	15800	20700	ug/Kg
78-59-1	Isophorone	10300	U	10300	15800	20700	ug/Kg
88-75-5	2-Nitrophenol	11500	U	11500	15800	20700	ug/Kg
105-67-9	2,4-Dimethylphenol	11300	U	11300	15800	20700	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	10400	U	10400	15800	20700	ug/Kg
120-83-2	2,4-Dichlorophenol	9200	U	9200	15800	20700	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	10400	U	10400	15800	20700	ug/Kg
65-85-0	Benzoic acid	28900	U	28900	32900	40200	ug/Kg
91-20-3	Naphthalene	10100	U	10100	15800	20700	ug/Kg
106-47-8	4-Chloroaniline	10100	U	10100	15800	20700	ug/Kg
87-68-3	Hexachlorobutadiene	10100	U	10100	15800	20700	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BP060724
Lab Sample ID:	P2763-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56
Sample Wt/Vol:	0.56	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
BP020569.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	10600	U	10600	32900	40200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	9400	U	9400	15800	20700	ug/Kg
91-57-6	2-Methylnaphthalene	10000	U	10000	15800	20700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19000	U	19000	32900	40200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8700	U	8700	15800	20700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	9000	U	9000	15800	20700	ug/Kg
92-52-4	1,1-Biphenyl	10600	U	10600	15800	20700	ug/Kg
91-58-7	2-Chloronaphthalene	10100	U	10100	15800	20700	ug/Kg
88-74-4	2-Nitroaniline	11600	U	11600	15800	20700	ug/Kg
131-11-3	Dimethylphthalate	9900	U	9900	15800	20700	ug/Kg
208-96-8	Acenaphthylene	10500	U	10500	15800	20700	ug/Kg
606-20-2	2,6-Dinitrotoluene	10100	U	10100	15800	20700	ug/Kg
99-09-2	3-Nitroaniline	10900	U	10900	15800	20700	ug/Kg
83-32-9	Acenaphthene	9900	U	9900	15800	20700	ug/Kg
Total PAH	Total PAH	161400	U	161400	15800	331200	ug/Kg
51-28-5	2,4-Dinitrophenol	29600	U	29600	32900	40200	ug/Kg
100-02-7	4-Nitrophenol	14100	U	14100	32900	40200	ug/Kg
132-64-9	Dibenzofuran	10300	U	10300	15800	20700	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20600	U	20600	15800	41400	ug/Kg
121-14-2	2,4-Dinitrotoluene	10500	U	10500	15800	20700	ug/Kg
84-66-2	Diethylphthalate	9800	U	9800	15800	20700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	10400	U	10400	15800	20700	ug/Kg
86-73-7	Fluorene	10400	U	10400	15800	20700	ug/Kg
100-01-6	4-Nitroaniline	13000	U	13000	15800	20700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	14200	U	14200	32900	40200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	9900	U	9900	15800	20700	ug/Kg
103-33-3	Azobenzene	9700	U	9700	15800	20700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	9600	U	9600	15800	20700	ug/Kg
118-74-1	Hexachlorobenzene	10300	U	10300	15800	20700	ug/Kg
1912-24-9	Atrazine	11100	U	11100	15800	20700	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BP060724
Lab Sample ID:	P2763-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56
Sample Wt/Vol:	0.56	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
BP020569.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	9400	U	9400	32900	40200	ug/Kg
85-01-8	Phenanthrene	11600	J	10200	15800	20700	ug/Kg
120-12-7	Anthracene	10300	U	10300	15800	20700	ug/Kg
86-74-8	Carbazole	9800	U	9800	15800	20700	ug/Kg
84-74-2	Di-n-butylphthalate	10300	U	10300	15800	20700	ug/Kg
206-44-0	Fluoranthene	15200	J	9900	15800	20700	ug/Kg
92-87-5	Benzidine	19800	U	19800	32900	40200	ug/Kg
129-00-0	Pyrene	11400	J	10100	15800	20700	ug/Kg
85-68-7	Butylbenzylphthalate	11800	U	11800	15800	20700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	12000	U	12000	32900	40200	ug/Kg
56-55-3	Benzo(a)anthracene	9800	U	9800	15800	20700	ug/Kg
218-01-9	Chrysene	9700	U	9700	15800	20700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	11100	U	11100	15800	20700	ug/Kg
117-84-0	Di-n-octyl phthalate	13400	U	13400	32900	40200	ug/Kg
205-99-2	Benzo(b)fluoranthene	9900	U	9900	15800	20700	ug/Kg
207-08-9	Benzo(k)fluoranthene	10100	U	10100	15800	20700	ug/Kg
50-32-8	Benzo(a)pyrene	11300	U	11300	15800	20700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9500	U	9500	15800	20700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9900	U	9900	15800	20700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9800	U	9800	15800	20700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	10600	U	10600	15800	20700	ug/Kg
123-91-1	1,4-Dioxane	13400	U	13400	15800	20700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	9100	U	9100	15800	20700	ug/Kg
90-12-0	1-Methylnaphthalene	10100	U	10100	20700	20700	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.697		18-112		66	SPK: -150
13127-88-3	Phenol-d6	89.022		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.661		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	62.657		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	MH-SLUDGE	SDG No.:	BP060724
Lab Sample ID:	P2763-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56
Sample Wt/Vol:	0.56	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
BP020569.D	1	6/7/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161385

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.347		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	57.59		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387700	7.763				
1146-65-2	Naphthalene-d8	1506925	10.534				
15067-26-2	Acenaphthene-d10	967487	14.386				
1517-22-2	Phenanthrene-d10	1940074	17.192				
1719-03-5	Chrysene-d12	1821523	21.668				
1520-96-3	Perylene-d12	2335153	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	180500	J			3.034	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	16300	A			4.928	
004534-53-6	Benzene, (1-methyldodecyl)-	17000	J			17.898	
000057-10-3	n-Hexadecanoic acid	22200	J			18.145	
004534-52-5	Benzene, (1-ethylundecyl)-	15100	J			18.345	
004534-59-2	Benzene, (1-methyltridecyl)-	69700	J			18.639	
000057-11-4	Octadecanoic acid	12900	J			19.474	
000297-03-0	Cyclotetrasiloxane	36300	J			21.339	

Hit Summary Sheet SW-846

SDG No.: BP060724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-01								
P2707-01	B-01	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2707-01	B-01	Solid	9-Octadecenoic acid (Z)-, methyl	*	110.000	J		
P2707-01	B-01	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2707-01	B-01	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	160.000	J		
P2707-01	B-01	Solid	Heptadecane	*	78.300	J		
P2707-01	B-01	Solid	Hexadecane	*	83.700	J		
P2707-01	B-01	Solid	n-Hexadecanoic acid	*	550.000	J		
P2707-01	B-01	Solid	Octadecanoic acid	*	84.400	J		
P2707-01	B-01	Solid	Pentadecafluorooctanoic acid, oct	*	180.000	J		
P2707-01	B-01	Solid	Pentadecanoic acid	*	250.000	J		
P2707-01	B-01	Solid	Propylene Glycol	*	290.000	J		
P2707-01	B-01	Solid	Tetradecanoic acid	*	93.100	J		
P2707-01	B-01	Solid	trans-Sinapaldehyde	*	96.700	J		
P2707-01	B-01	Solid	Tridecane	*	96.300	J		
P2707-01	B-01	Solid	unknown14.598	*	470.000	J		
P2707-01	B-01	Solid	unknown14.616	*	460.000	J		
P2707-01	B-01	Solid	unknown18.463	*	130.000	J		
			Total Tics :		4,392.50			
P2707-01	B-01	Solid	Fluoranthene		110.000	J	88.4	180 ug/Kg
			Total Svoc :		110.00			
			Total Concentration:		4,502.50			
Client ID : B-02								
P2707-02	B-02	Solid	1-Nonadecene	*	260.000	J		
P2707-02	B-02	Solid	1-Phenoxypropan-2-ol	*	99.400	J		
P2707-02	B-02	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2707-02	B-02	Solid	n-Hexadecanoic acid	*	380.000	J		
P2707-02	B-02	Solid	Octadecanoic acid	*	140.000	J		
P2707-02	B-02	Solid	Propylene Glycol	*	120.000	J		
			Total Tics :		2,099.40			
			Total Concentration:		2,099.40			
Client ID : SW-01								
P2707-03	SW-01	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2707-03	SW-01	Solid	2- Chloropropionic acid, hexadecy	*	190.000	J		
P2707-03	SW-01	Solid	4H-Cyclopenta[def]phenanthrene	*	170.000	J		
P2707-03	SW-01	Solid	Benzo[e]pyrene	*	290.000	J		
P2707-03	SW-01	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		

Hit Summary Sheet SW-846

SDG No.: BP060724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2707-03	SW-01	Solid	n-Hexadecanoic acid	*	360.000	J		
Total Tics :					2,430.00			
P2707-03	SW-01	Solid	Acenaphthene		140.000	J 100	210	ug/Kg
P2707-03	SW-01	Solid	Anthracene		330.000	100	210	ug/Kg
P2707-03	SW-01	Solid	Benzo(a)anthracene		480.000	99.9	210	ug/Kg
P2707-03	SW-01	Solid	Benzo(a)pyrene		380.000	120	210	ug/Kg
P2707-03	SW-01	Solid	Benzo(b)fluoranthene		430.000	100	210	ug/Kg
P2707-03	SW-01	Solid	Benzo(g,h,i)perylene		220.000	99.2	210	ug/Kg
P2707-03	SW-01	Solid	Benzo(k)fluoranthene		160.000	J 100	210	ug/Kg
P2707-03	SW-01	Solid	Carbazole		140.000	J 99.4	210	ug/Kg
P2707-03	SW-01	Solid	Chrysene		430.000	98.4	210	ug/Kg
P2707-03	SW-01	Solid	Fluoranthene		1,100.000	100	210	ug/Kg
P2707-03	SW-01	Solid	Fluorene		150.000	J 110	210	ug/Kg
P2707-03	SW-01	Solid	Indeno(1,2,3-cd)pyrene		200.000	J 96.7	210	ug/Kg
P2707-03	SW-01	Solid	Naphthalene		100.000	J 100	210	ug/Kg
P2707-03	SW-01	Solid	Phenanthrene		1,100.000	100	210	ug/Kg
P2707-03	SW-01	Solid	Pyrene		760.000	100	210	ug/Kg
P2707-03	SW-01	Solid	Total PAH		5,980.000	1634.2	3360	ug/Kg
Total Svoc :					12,100.00			
Total Concentration:					14,530.00			

Client ID : SW-03

P2707-05	SW-03	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2707-05	SW-03	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P2707-05	SW-03	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P2707-05	SW-03	Solid	Isopropyl Alcohol	*	210.000	J		
P2707-05	SW-03	Solid	n-Hexadecanoic acid	*	220.000	J		
P2707-05	SW-03	Solid	Octadecanoic acid	*	75.200	J		
P2707-05	SW-03	Solid	Pentacos-1-ene	*	170.000	J		
P2707-05	SW-03	Solid	unknown14.592	*	190.000	J		
Total Tics :					2,115.20			
Total Concentration:					2,115.20			

Client ID : WCS-TPM

P2715-05	WCS-TPM	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2715-05	WCS-TPM	Solid	2- Chloropropionic acid, octadecy	*	130.000	J		
P2715-05	WCS-TPM	Solid	Butane, 2-methoxy-2-methyl-	*	760.000	J		
P2715-05	WCS-TPM	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	90.100	J		
P2715-05	WCS-TPM	Solid	Isopropyl Alcohol	*	220.000	J		
P2715-05	WCS-TPM	Solid	n-Hexadecanoic acid	*	190.000	J		
P2715-05	WCS-TPM	Solid	Octadecanoic acid	*	69.300	J		

Hit Summary Sheet SW-846

SDG No.: BP060724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2715-05	WCS-TPM	Solid	Pentanedioic acid, dimethyl ester	*	47.400	J		
P2715-05	WCS-TPM	Solid	unknown	*	14.616	J		
Total Tics :					2,496.80			
Total Concentration:					2,496.80			
Client ID : OR-02-06062024								
P2756-01	OR-02-06062024	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
Total Tics :					1,300.00			
P2756-01	OR-02-06062024	Solid	Benzo(b)fluoranthene		280.000	J 280	580	ug/Kg
P2756-01	OR-02-06062024	Solid	Fluoranthene		390.000	J 280	580	ug/Kg
P2756-01	OR-02-06062024	Solid	Pyrene		350.000	J 280	580	ug/Kg
Total Svoc :					1,020.00			
Total Concentration:					2,320.00			
Client ID : MH-SLUDGE								
P2763-01	MH-SLUDGE	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	16,300.000	A		
P2763-01	MH-SLUDGE	Solid	Benzene, (1-ethylundecyl)-	*	15,100.000	J		
P2763-01	MH-SLUDGE	Solid	Benzene, (1-methyldodecyl)-	*	17,000.000	J		
P2763-01	MH-SLUDGE	Solid	Benzene, (1-methyltridecyl)-	*	69,700.000	J		
P2763-01	MH-SLUDGE	Solid	Butane, 2-methoxy-2-methyl-	*	180,500.000	J		
P2763-01	MH-SLUDGE	Solid	Cyclotetracosane	*	36,300.000	J		
P2763-01	MH-SLUDGE	Solid	n-Hexadecanoic acid	*	22,200.000	J		
P2763-01	MH-SLUDGE	Solid	Octadecanoic acid	*	12,900.000	J		
Total Tics :					370,000.00			
P2763-01	MH-SLUDGE	Solid	Fluoranthene		15,200.000	J 9900	20700	ug/Kg
P2763-01	MH-SLUDGE	Solid	Phenanthrene		11,600.000	J 10200	20700	ug/Kg
P2763-01	MH-SLUDGE	Solid	Pyrene		11,400.000	J 10100	20700	ug/Kg
Total Svoc :					38,200.00			
Total Concentration:					408,200.00			



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



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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.: BP060724 SAS No.: BP060724 SDG NO.: BP060724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 11:00

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 PB161329BL	301125	7.76	1.10074e	10.53	618511	14.39
02 PB161329BS	392694	7.76	1.60707e	10.53	1.03587e	14.39
03 PB161307BL	320077	7.76	1.25258e	10.53	835336	14.40
04 PB161307BS	381624	7.76	1.48346e	10.53	804310	14.39
05 B-01	393844	7.76	1.5156e+	10.52	924585	14.39
06 B-02	406364	7.76	1.55723e	10.53	958308	14.39
07 SW-01	418868	7.76	1.59688e	10.53	1.00104e	14.39
08 SW-03	358616	7.75	1.3679e+	10.53	877370	14.39
09 WCS-TPM	381205	7.75	1.47011e	10.53	915907	14.38
10 WCS-TPMMS	363179	7.75	1.40851e	10.53	860918	14.39
11 WCS-TPMMSD	344196	7.75	1.318e+0	10.52	820123	14.38
12 OR-02-06062024	349425	7.76	1.3505e+	10.53	877460	14.38
13 OR-02-06062024MS	381549	7.76	1.49289e	10.53	943084	14.39
14 OR-02-06062024MSD	384272	7.76	1.51207e	10.53	952567	14.39
15 MH-SLUDGE	387700	7.76	1.50693e	10.53	967487	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.: BP060724 SAS No.: BP060724 SDG NO.: BP060724

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BP020554.D

Time Analyzed: 11:00

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	314747	7.763	1.19518e+01	10.53	713413	14.39
	UPPER LIMIT	629494	8.263	2390360	11.034	1426826	14.893
	LOWER LIMIT	157373.5	7.263	597590	10.034	356706.5	13.893
	EPA SAMPLE NO.						
01	PB161329BL	301125	7.76	1.10074e	10.53	618511	14.39
02	PB161329BS	392694	7.76	1.60707e	10.53	1.03587e	14.39
03	PB161307BL	320077	7.76	1.25258e	10.53	835336	14.40
04	PB161307BS	381624	7.76	1.48346e	10.53	804310	14.39
05	B-01	393844	7.76	1.5156e+	10.52	924585	14.39
06	B-02	406364	7.76	1.55723e	10.53	958308	14.39
07	SW-01	418868	7.76	1.59688e	10.53	1.00104e	14.39
08	SW-03	358616	7.75	1.3679e+	10.53	877370	14.39
09	WCS-TPM	381205	7.75	1.47011e	10.53	915907	14.38
10	WCS-TPMMS	363179	7.75	1.40851e	10.53	860918	14.39
11	WCS-TPMMSD	344196	7.75	1.318e+0	10.52	820123	14.38
12	OR-02-06062024	349425	7.76	1.3505e+	10.53	877460	14.38
13	OR-02-06062024MS	381549	7.76	1.49289e	10.53	943084	14.39
14	OR-02-06062024MSD	384272	7.76	1.51207e	10.53	952567	14.39
15	MH-SLUDGE	387700	7.76	1.50693e	10.53	967487	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.: BP060724 SAS No.: BP060724 SDG NO.: BP060724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 11:00

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+	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	PB161329BL	1.12332	17.20	1.13201e+	21.66	1.45435e+	25.02
02	PB161329BS	1.87539	17.20	1.16207e+	21.67	1.33127e+	25.04
03	PB161307BL	1.68652	17.20	1.22369e+	21.66	1.38736e+	25.02
04	PB161307BS	1.27531	17.20	1.03279e+	21.67	1.3432e+0	25.03
05	B-01	1.83505	17.19	1.70599e+	21.65	2.02254e+	25.02
06	B-02	1.97947	17.20	1.83594e+	21.65	2.16385e+	25.03
07	SW-01	1.98738	17.20	1.85359e+	21.66	2.19405e+	25.01
08	SW-03	1.83981	17.19	1.77254e+	21.66	2.07109e+	25.02
09	WCS-TPM	1.8461e	17.20	1.73732e+	21.66	2.0669e+0	25.02
10	WCS-TPMMS	1.71077	17.19	1.63529e+	21.66	1.94243e+	25.03
11	WCS-TPMMSD	1.69775	17.20	1.61019e+	21.67	1.94709e+	25.03
12	OR-02-06062024	1.83698	17.20	1.69202e+	21.65	2.0154e+0	25.02
13	OR-02-06062024MS	1.96266	17.20	1.79906e+	21.65	2.19854e+	25.03
14	OR-02-06062024MSD	1.93429	17.20	1.78911e+	21.67	2.21238e+	25.05
15	MH-SLUDGE	1.94007	17.19	1.82152e+	21.67	2.33515e+	25.04

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP060724 SAS No.: BP060724 SDG NO.: BP060724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 21:27

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.: BP060724 SAS No.: BP060724 SDG NO.: BP060724

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BP020554.D Time Analyzed: 11:00

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	1.31661e+0	17.198	1.06048e+	21.657	1.4112e+00	25.021
	UPPER LIMIT	2633220	17.698	2120960	22.157	2822400	25.521
	LOWER LIMIT	658305	16.698	530240	21.157	705600	24.521
	EPA SAMPLE NO.						
01	PB161329BL	1.12332	17.20	1.13201e+	21.66	1.45435e+	25.02
02	PB161329BS	1.87539	17.20	1.16207e+	21.67	1.33127e+	25.04
03	PB161307BL	1.68652	17.20	1.22369e+	21.66	1.38736e+	25.02
04	PB161307BS	1.27531	17.20	1.03279e+	21.67	1.3432e+0	25.03
05	B-01	1.83505	17.19	1.70599e+	21.65	2.02254e+	25.02
06	B-02	1.97947	17.20	1.83594e+	21.65	2.16385e+	25.03
07	SW-01	1.98738	17.20	1.85359e+	21.66	2.19405e+	25.01
08	SW-03	1.83981	17.19	1.77254e+	21.66	2.07109e+	25.02
09	WCS-TPM	1.8461e	17.20	1.73732e+	21.66	2.0669e+0	25.02
10	WCS-TPMMS	1.71077	17.19	1.63529e+	21.66	1.94243e+	25.03
11	WCS-TPMMSD	1.69775	17.20	1.61019e+	21.67	1.94709e+	25.03
12	OR-02-06062024	1.83698	17.20	1.69202e+	21.65	2.0154e+0	25.02
13	OR-02-06062024MS	1.96266	17.20	1.79906e+	21.65	2.19854e+	25.03
14	OR-02-06062024MSD	1.93429	17.20	1.78911e+	21.67	2.21238e+	25.05
15	MH-SLUDGE	1.94007	17.19	1.82152e+	21.67	2.33515e+	25.04

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP060724 SAS No.: BP060724 SDG NO.: BP060724

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BP020554.D Time Analyzed: 21:27

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	1.31661e+04	17.198	1.06048e+04	21.657	1.4112e+004	25.021
UPPER LIMIT	2633220	17.698	2120960	22.157	2822400	25.521
LOWER LIMIT	658305	16.698	530240	21.157	705600	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161307BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	240	ug/Kg	14				10	147	
	Aniline	1700	980	ug/Kg	58				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	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	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				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	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1200	ug/Kg	71				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	530	ug/Kg	31				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1100	ug/Kg	65		*		67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	5100	ug/Kg	155		*		45	134	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				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	870	ug/Kg	51				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				57	104	
	Total PAH	27200	23300	ug/Kg	86				57	104	
	2,4-Dinitrophenol	3300	2800	ug/Kg	85				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161307BS	4-Nitrophenol	3300	2400	ug/Kg	73				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	2600	ug/Kg	76				60	106	
	2,4-Dinitrotoluene	1700	1300	ug/Kg	76				60	106	
	Diethylphthalate	1700	1100	ug/Kg	65				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1000	ug/Kg	59		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1200	ug/Kg	71				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100		*		55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1400	ug/Kg	82				67	113	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1300	ug/Kg	76				58	104	
	Fluoranthene	1700	1200	ug/Kg	71				57	107	
	Benzidine	3300	680	ug/Kg	21				10	98	
	Pyrene	1700	1200	ug/Kg	71				59	103	
	Butylbenzylphthalate	1700	1200	ug/Kg	71				55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1300	ug/Kg	76				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1300	ug/Kg	76				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	1800	ug/Kg	106				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1100	ug/Kg	65		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161329BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103	
	Pyridine	1700	960	ug/Kg	56				28	98	
	Benzaldehyde	1700	240	ug/Kg	14				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				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	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				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	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	630	ug/Kg	37				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4500	ug/Kg	136		*		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	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				57	104	
	Total PAH	27200	23700	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP060724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161329BS	4-Nitrophenol	3300	2600	ug/Kg	79				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2800	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	1100	ug/Kg	65				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				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	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1300	ug/Kg	76				58	104	
	Fluoranthene	1700	1200	ug/Kg	71				57	107	
	Benzidine	3300	710	ug/Kg	22				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1300	ug/Kg	76				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				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	1500	ug/Kg	88				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	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1800	ug/Kg	106				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1200	ug/Kg	71				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161307BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060724

SAS No.: BP060724 SDG NO.: BP060724

Lab File ID: BP020557.D

Lab Sample ID: PB161307BL

Instrument ID: BNA_P

Date Extracted: 06/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 12:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161307BS	PB161307BS	BP020558.D	06/07/2024
B-01	P2707-01	BP020559.D	06/07/2024
B-02	P2707-02	BP020560.D	06/07/2024
SW-01	P2707-03	BP020561.D	06/07/2024
SW-03	P2707-05	BP020562.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161329BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060724

SAS No.: BP060724 SDG NO.: BP060724

Lab File ID: BP020555.D

Lab Sample ID: PB161329BL

Instrument ID: BNA_P

Date Extracted: 06/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 11:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161329BS	PB161329BS	BP020556.D	06/07/2024
WCS-TPM	P2715-05	BP020563.D	06/07/2024
WCS-TPMMS	P2715-05MS	BP020564.D	06/07/2024
WCS-TPMMSD	P2715-05MSD	BP020565.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OR-02-06062024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP060724

SAS No.: BP060724 SDG NO.: BP060724

Lab File ID: BP020566.D

Lab Sample ID: P2756-01

Instrument ID: BNA_P

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/07/2024

Level: (low/med) LOW

Time Analyzed: 19:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OR-02-06062024	P2756-01	BP020566.D	06/07/2024
OR-02-06062024MS	P2756-01MS	BP020567.D	06/07/2024
OR-02-06062024MSD	P2756-01MSD	BP020568.D	06/07/2024
MH-SLUDGE	P2763-01	BP020569.D	06/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2756-01MS		Client Sample ID: OR-02-06062024MS		DataFile: BP020567.D							
n-Nitrosodimethylamine	1100		800	ug/Kg	73				66	124	
Pyridine	1100		720	ug/Kg	65				45	119	
Benzaldehyde	1100			ug/Kg	0	*			26	163	
Aniline	1100		590	ug/Kg	54				10	88	
Phenol	1100		910	ug/Kg	83				67	126	
bis(2-Chloroethyl)ether	1100		850	ug/Kg	77				74	116	
2-Chlorophenol	1100		960	ug/Kg	87				61	138	
1,2-Dichlorobenzene	1100		900	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1100		910	ug/Kg	83				62	101	
1,4-Dichlorobenzene	1100		910	ug/Kg	83				63	104	
Benzyl Alcohol	1100		870	ug/Kg	79				47	126	
2-Methylphenol	1100		890	ug/Kg	81				66	122	
2,2-oxybis(1-Chloropropane)	1100		810	ug/Kg	74				52	115	
Acetophenone	1100		920	ug/Kg	84				75	111	
3+4-Methylphenols	1100		870	ug/Kg	79				53	132	
N-Nitroso-di-n-propylamine	1100		800	ug/Kg	73				59	119	
Hexachloroethane	1100		840	ug/Kg	76				65	117	
Nitrobenzene	1100		860	ug/Kg	78				70	119	
Isophorone	1100		870	ug/Kg	79				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				83	144	
bis(2-Chloroethoxy)methane	1100		860	ug/Kg	78				68	112	
2,4-Dichlorophenol	1100		980	ug/Kg	89				72	118	
1,2,4-Trichlorobenzene	1100		950	ug/Kg	86				57	103	
Benzoic acid	1100		1500	ug/Kg	136	*			50	104	
Naphthalene	1100		930	ug/Kg	85				72	110	
4-Chloroaniline	1100		610	ug/Kg	55				10	100	
Hexachlorobutadiene	1100		960	ug/Kg	87				66	114	
Caprolactam	1100		850	ug/Kg	77				51	134	
4-Chloro-3-methylphenol	1100		900	ug/Kg	82				57	132	
2-Methylnaphthalene	1100		900	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	2300		0	ug/Kg	0	*			10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		980	ug/Kg	89				72	117	
1,1-Biphenyl	1100		980	ug/Kg	89				75	113	
2-Chloronaphthalene	1100		960	ug/Kg	87				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		920	ug/Kg	84				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		910	ug/Kg	83				70	125	
3-Nitroaniline	1100		830	ug/Kg	75				20	111	
Acenaphthene	1100		920	ug/Kg	84				70	121	
Total PAH	17600		17360	ug/Kg	99				70	121	
2,4-Dinitrophenol	2300		0	ug/Kg	0	*			16	160	
4-Nitrophenol	2300		2000	ug/Kg	87				45	133	
Dibenzofuran	1100		980	ug/Kg	89				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1840	ug/Kg	84				55	128	
2,4-Dinitrotoluene	1100		930	ug/Kg	85				55	128	
Diethylphthalate	1100		940	ug/Kg	85				70	112	
4-Chlorophenyl-phenylether	1100		970	ug/Kg	88				71	108	
Fluorene	1100		980	ug/Kg	89				68	116	
4-Nitroaniline	1100		910	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1100		980	ug/Kg	89				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		880	ug/Kg	80				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		930	ug/Kg	85				67	118	
Atrazine	1100		1000	ug/Kg	91				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100		1300	ug/Kg	118				59	125	
Benzydine	2300		1100	ug/Kg	48				10	119	
Pyrene	1100		1100	ug/Kg	100				52	128	
Butylbenzylphthalate	1100		1200	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		950	ug/Kg	86				66	127	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		930	ug/Kg	85				74	114	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109				61	125	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	1100		1200	ug/Kg	109				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		780	ug/Kg	71				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100		850	ug/Kg	77				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2756-01MSD		Client Sample ID: OR-02-06062024MSD		DataFile: BP020568.D							
n-Nitrosodimethylamine	1100		800	ug/Kg	73		0		66	124	20
Pyridine	1100		720	ug/Kg	65		0		45	119	20
Benzaldehyde	1100			ug/Kg	0	*			26	163	20
Aniline	1100		620	ug/Kg	56		4		10	88	20
Phenol	1100		910	ug/Kg	83		0		67	126	20
bis(2-Chloroethyl)ether	1100		860	ug/Kg	78		1		74	116	20
2-Chlorophenol	1100		970	ug/Kg	88		1		61	138	20
1,2-Dichlorobenzene	1100		920	ug/Kg	84		2		61	105	20
1,3-Dichlorobenzene	1100		920	ug/Kg	84		1		62	101	20
1,4-Dichlorobenzene	1100		920	ug/Kg	84		1		63	104	20
Benzyl Alcohol	1100		870	ug/Kg	79		0		47	126	20
2-Methylphenol	1100		910	ug/Kg	83		2		66	122	20
2,2-oxybis(1-Chloropropane)	1100		820	ug/Kg	75		1		52	115	20
Acetophenone	1100		920	ug/Kg	84		0		75	111	20
3+4-Methylphenols	1100		880	ug/Kg	80		1		53	132	20
N-Nitroso-di-n-propylamine	1100		840	ug/Kg	76		4		59	119	20
Hexachloroethane	1100		810	ug/Kg	74		3		65	117	20
Nitrobenzene	1100		880	ug/Kg	80		3		70	119	20
Isophorone	1100		890	ug/Kg	81		3		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		0		54	145	20
2,4-Dimethylphenol	1100		1000	ug/Kg	91		0		83	144	20
bis(2-Chloroethoxy)methane	1100		890	ug/Kg	81		4		68	112	20
2,4-Dichlorophenol	1100		990	ug/Kg	90		1		72	118	20
1,2,4-Trichlorobenzene	1100		970	ug/Kg	88		2		57	103	20
Benzoic acid	1100		1500	ug/Kg	136	*	0		50	104	20
Naphthalene	1100		940	ug/Kg	85		0		72	110	20
4-Chloroaniline	1100		660	ug/Kg	60		9		10	100	20
Hexachlorobutadiene	1100		970	ug/Kg	88		1		66	114	20
Caprolactam	1100		880	ug/Kg	80		4		51	134	20
4-Chloro-3-methylphenol	1100		930	ug/Kg	85		4		57	132	20
2-Methylnaphthalene	1100		900	ug/Kg	82		0		59	123	20
Hexachlorocyclopentadiene	2300		0	ug/Kg	0	*			10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		2		72	117	20
1,1-Biphenyl	1100		990	ug/Kg	90		1		75	113	20
2-Chloronaphthalene	1100		960	ug/Kg	87		0		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		0		69	127	20
Dimethylphthalate	1100		940	ug/Kg	85		1		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		9		79	118	20
2,6-Dinitrotoluene	1100		920	ug/Kg	84		1		70	125	20
3-Nitroaniline	1100		850	ug/Kg	77		3		20	111	20
Acenaphthene	1100		930	ug/Kg	85		1		70	121	20
Total PAH	17600		17710	ug/Kg	101		2		70	121	20
2,4-Dinitrophenol	2300		0	ug/Kg	0	*			16	160	20
4-Nitrophenol	2300		2000	ug/Kg	87		0		45	133	20
Dibenzofuran	1100		980	ug/Kg	89		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1830	ug/Kg	83		1		55	128	20
2,4-Dinitrotoluene	1100		910	ug/Kg	83		2		55	128	20
Diethylphthalate	1100		950	ug/Kg	86		1		70	112	20
4-Chlorophenyl-phenylether	1100		960	ug/Kg	87		1		71	108	20
Fluorene	1100		980	ug/Kg	89		0		68	116	20
4-Nitroaniline	1100		930	ug/Kg	85		2		55	120	20
4,6-Dinitro-2-methylphenol	1100		940	ug/Kg	85		5		32	145	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		0		73	118	20
Azobenzene	1100		890	ug/Kg	81		1		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		0		65	121	20
Hexachlorobenzene	1100		940	ug/Kg	85		0		67	118	20
Atrazine	1100		1100	ug/Kg	100		9		79	127	20
Pentachlorophenol	2300		1900	ug/Kg	83		0		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		72	113	20
Anthracene	1100		1100	ug/Kg	100		0		62	124	20
Carbazole	1100		1000	ug/Kg	91		1		59	119	20
Di-n-butylphthalate	1100		1000	ug/Kg	91		0		69	118	20
Fluoranthene	1100		1300	ug/Kg	118		0		59	125	20
Benzydine	2300		1200	ug/Kg	52		8		10	119	20
Pyrene	1100		1100	ug/Kg	100		0		52	128	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		0		64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		9		10	164	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		9		71	114	20
Chrysene	1100		1100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		960	ug/Kg	87		1		66	127	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		0		71	126	20
Benzo(b)fluoranthene	1100		1100	ug/Kg	100		0		67	121	20
Benzo(k)fluoranthene	1100		960	ug/Kg	87		2		74	114	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1300	ug/Kg	118		8		61	125	20
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100		0		67	130	20
Benzo(g,h,i)perylene	1100		1200	ug/Kg	109		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		0		69	124	20
1,4-Dioxane	1100		770	ug/Kg	70		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		0		56	133	20
1-Methylnaphthalene	1100		860	ug/Kg	78		1		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2715-05MS		Client Sample ID: WCS-TPMMS		DataFile: BP020564.D							
n-Nitrosodimethylamine	1100		740	ug/Kg	67				66	124	
Pyridine	1100		670	ug/Kg	61				45	119	
Benzaldehyde	1100		120	ug/Kg	11	*			26	163	
Aniline	1100		700	ug/Kg	64				10	88	
Phenol	1100		830	ug/Kg	75				67	126	
bis(2-Chloroethyl)ether	1100		790	ug/Kg	72	*			74	116	
2-Chlorophenol	1100		890	ug/Kg	81				61	138	
1,2-Dichlorobenzene	1100		800	ug/Kg	73				61	105	
1,3-Dichlorobenzene	1100		820	ug/Kg	75				62	101	
1,4-Dichlorobenzene	1100		820	ug/Kg	75				63	104	
Benzyl Alcohol	1100		830	ug/Kg	75				47	126	
2-Methylphenol	1100		830	ug/Kg	75				66	122	
2,2-oxybis(1-Chloropropane)	1100		710	ug/Kg	65				52	115	
Acetophenone	1100		830	ug/Kg	75				75	111	
3+4-Methylphenols	1100		820	ug/Kg	75				53	132	
N-Nitroso-di-n-propylamine	1100		720	ug/Kg	65				59	119	
Hexachloroethane	1100		810	ug/Kg	74				65	117	
Nitrobenzene	1100		800	ug/Kg	73				70	119	
Isophorone	1100		770	ug/Kg	70	*			76	122	
2-Nitrophenol	1100		1000	ug/Kg	91				54	145	
2,4-Dimethylphenol	1100		920	ug/Kg	84				83	144	
bis(2-Chloroethoxy)methane	1100		780	ug/Kg	71				68	112	
2,4-Dichlorophenol	1100		930	ug/Kg	85				72	118	
1,2,4-Trichlorobenzene	1100		850	ug/Kg	77				57	103	
Benzoic acid	1100		970	ug/Kg	88				50	104	
Naphthalene	1100		820	ug/Kg	75				72	110	
4-Chloroaniline	1100		620	ug/Kg	56				10	100	
Hexachlorobutadiene	1100		850	ug/Kg	77				66	114	
Caprolactam	1100		810	ug/Kg	74				51	134	
4-Chloro-3-methylphenol	1100		830	ug/Kg	75				57	132	
2-Methylnaphthalene	1100		790	ug/Kg	72				59	123	
Hexachlorocyclopentadiene	2100		1800	ug/Kg	86				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		950	ug/Kg	86				72	117	
1,1-Biphenyl	1100		860	ug/Kg	78				75	113	
2-Chloronaphthalene	1100		850	ug/Kg	77				67	118	
2-Nitroaniline	1100		910	ug/Kg	83				69	127	
Dimethylphthalate	1100		810	ug/Kg	74				70	113	
Acenaphthylene	1100		900	ug/Kg	82				79	118	
2,6-Dinitrotoluene	1100		860	ug/Kg	78				70	125	
3-Nitroaniline	1100		770	ug/Kg	70				20	111	
Acenaphthene	1100		830	ug/Kg	75				70	121	
Total PAH	17600		13850	ug/Kg	79				70	121	
2,4-Dinitrophenol	2100		1700	ug/Kg	81				16	160	
4-Nitrophenol	2100		1800	ug/Kg	86				45	133	
Dibenzofuran	1100		840	ug/Kg	76				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		890	ug/Kg	81				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1750	ug/Kg	80				55	128	
Diethylphthalate	1100		800	ug/Kg	73				70	112	
4-Chlorophenyl-phenylether	1100		830	ug/Kg	75				71	108	
Fluorene	1100		820	ug/Kg	75				68	116	
4-Nitroaniline	1100		850	ug/Kg	77				55	120	
4,6-Dinitro-2-methylphenol	1100		930	ug/Kg	85				32	145	
N-Nitrosodiphenylamine	1100		890	ug/Kg	81				73	118	
Azobenzene	1100		790	ug/Kg	72	*			73	110	
4-Bromophenyl-phenylether	1100		920	ug/Kg	84				65	121	
Hexachlorobenzene	1100		890	ug/Kg	81				67	118	
Atrazine	1100		940	ug/Kg	85				79	127	
Pentachlorophenol	2100		2000	ug/Kg	95				47	128	
Phenanthrene	1100		870	ug/Kg	79				72	113	
Anthracene	1100		900	ug/Kg	82				62	124	
Carbazole	1100		860	ug/Kg	78				59	119	
Di-n-butylphthalate	1100		880	ug/Kg	80				69	118	
Fluoranthene	1100		880	ug/Kg	80				59	125	
Benzidine	2100		790	ug/Kg	38				10	119	
Pyrene	1100		740	ug/Kg	67				52	128	
Butylbenzylphthalate	1100		790	ug/Kg	72				64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				10	164	
Benzo(a)anthracene	1100		860	ug/Kg	78				71	114	
Chrysene	1100		840	ug/Kg	76				57	121	
bis(2-Ethylhexyl)phthalate	1100		790	ug/Kg	72				66	127	
Di-n-octyl phthalate	1100		980	ug/Kg	89				71	126	
Benzo(b)fluoranthene	1100		790	ug/Kg	72				67	121	
Benzo(k)fluoranthene	1100		800	ug/Kg	73	*			74	114	
Benzo(a)pyrene	1100		910	ug/Kg	83				70	142	
Indeno(1,2,3-cd)pyrene	1100		990	ug/Kg	90				61	125	
Dibenz(a,h)anthracene	1100		970	ug/Kg	88				67	130	
Benzo(g,h,i)perylene	1100		930	ug/Kg	85				53	140	
1,2,4,5-Tetrachlorobenzene	1100		930	ug/Kg	85				69	124	
1,4-Dioxane	1100		710	ug/Kg	65				46	112	
2,3,4,6-Tetrachlorophenol	1100		990	ug/Kg	90				56	133	
1-Methylnaphthalene	1100		730	ug/Kg	66	*			70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2715-05MSD		Client Sample ID: WCS-TPMMSD		DataFile: BP020565.D							
n-Nitrosodimethylamine	1100		810	ug/Kg	74		10		66	124	20
Pyridine	1100		730	ug/Kg	66		8		45	119	20
Benzaldehyde	1100		140	ug/Kg	13	*	17		26	163	20
Aniline	1100		740	ug/Kg	67		5		10	88	20
Phenol	1100		920	ug/Kg	84		11		67	126	20
bis(2-Chloroethyl)ether	1100		850	ug/Kg	77		7		74	116	20
2-Chlorophenol	1100		980	ug/Kg	89		9		61	138	20
1,2-Dichlorobenzene	1100		890	ug/Kg	81		10		61	105	20
1,3-Dichlorobenzene	1100		890	ug/Kg	81		8		62	101	20
1,4-Dichlorobenzene	1100		890	ug/Kg	81		8		63	104	20
Benzyl Alcohol	1100		910	ug/Kg	83		10		47	126	20
2-Methylphenol	1100		920	ug/Kg	84		11		66	122	20
2,2-oxybis(1-Chloropropane)	1100		770	ug/Kg	70		7		52	115	20
Acetophenone	1100		910	ug/Kg	83		10		75	111	20
3+4-Methylphenols	1100		900	ug/Kg	82		9		53	132	20
N-Nitroso-di-n-propylamine	1100		790	ug/Kg	72		10		59	119	20
Hexachloroethane	1100		880	ug/Kg	80		8		65	117	20
Nitrobenzene	1100		880	ug/Kg	80		9		70	119	20
Isophorone	1100		840	ug/Kg	76		8		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		9		54	145	20
2,4-Dimethylphenol	1100		1000	ug/Kg	91		8		83	144	20
bis(2-Chloroethoxy)methane	1100		870	ug/Kg	79		11		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		7		72	118	20
1,2,4-Trichlorobenzene	1100		960	ug/Kg	87		12		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		13		50	104	20
Naphthalene	1100		900	ug/Kg	82		9		72	110	20
4-Chloroaniline	1100		700	ug/Kg	64		13		10	100	20
Hexachlorobutadiene	1100		940	ug/Kg	85		10		66	114	20
Caprolactam	1100		910	ug/Kg	83		11		51	134	20
4-Chloro-3-methylphenol	1100		940	ug/Kg	85		13		57	132	20
2-Methylnaphthalene	1100		880	ug/Kg	80		11		59	123	20
Hexachlorocyclopentadiene	2100		1900	ug/Kg	90		5		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		9		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		6		72	117	20
1,1-Biphenyl	1100		940	ug/Kg	85		9		75	113	20
2-Chloronaphthalene	1100		930	ug/Kg	85		10		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		9		69	127	20
Dimethylphthalate	1100		890	ug/Kg	81		9		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		10		79	118	20
2,6-Dinitrotoluene	1100		960	ug/Kg	87		11		70	125	20
3-Nitroaniline	1100		880	ug/Kg	80		13		20	111	20
Acenaphthene	1100		890	ug/Kg	81		8		70	121	20
Total PAH	17600		15260	ug/Kg	87		10		70	121	20
2,4-Dinitrophenol	2100		1900	ug/Kg	90		11		16	160	20
4-Nitrophenol	2100		2100	ug/Kg	100		15		45	133	20
Dibenzofuran	1100		930	ug/Kg	85		11		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP060724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		990	ug/Kg	90		11		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1950	ug/Kg	89		11		55	128	20
Diethylphthalate	1100		870	ug/Kg	79		8		70	112	20
4-Chlorophenyl-phenylether	1100		900	ug/Kg	82		9		71	108	20
Fluorene	1100		910	ug/Kg	83		10		68	116	20
4-Nitroaniline	1100		950	ug/Kg	86		11		55	120	20
4,6-Dinitro-2-methylphenol	1100		1000	ug/Kg	91		7		32	145	20
N-Nitrosodiphenylamine	1100		940	ug/Kg	85		5		73	118	20
Azobenzene	1100		860	ug/Kg	78		8		73	110	20
4-Bromophenyl-phenylether	1100		970	ug/Kg	88		5		65	121	20
Hexachlorobenzene	1100		940	ug/Kg	85		5		67	118	20
Atrazine	1100		1000	ug/Kg	91		7		79	127	20
Pentachlorophenol	2100		2100	ug/Kg	100		5		47	128	20
Phenanthrene	1100		940	ug/Kg	85		7		72	113	20
Anthracene	1100		990	ug/Kg	90		9		62	124	20
Carbazole	1100		930	ug/Kg	85		9		59	119	20
Di-n-butylphthalate	1100		930	ug/Kg	85		6		69	118	20
Fluoranthene	1100		970	ug/Kg	88		10		59	125	20
Benzydine	2100		890	ug/Kg	42		10		10	119	20
Pyrene	1100		820	ug/Kg	75		11		52	128	20
Butylbenzylphthalate	1100		890	ug/Kg	81		12		64	126	20
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109		18		10	164	20
Benzo(a)anthracene	1100		950	ug/Kg	86		10		71	114	20
Chrysene	1100		950	ug/Kg	86		12		57	121	20
bis(2-Ethylhexyl)phthalate	1100		890	ug/Kg	81		12		66	127	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		12		71	126	20
Benzo(b)fluoranthene	1100		860	ug/Kg	78		8		67	121	20
Benzo(k)fluoranthene	1100		890	ug/Kg	81		10		74	114	20
Benzo(a)pyrene	1100		990	ug/Kg	90		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100		11		61	125	20
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100		13		67	130	20
Benzo(g,h,i)perylene	1100		1000	ug/Kg	91		7		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		7		69	124	20
1,4-Dioxane	1100		780	ug/Kg	71		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		11		56	133	20
1-Methylnaphthalene	1100		820	ug/Kg	75		13		70	130	20

Surrogate Summary

SW-846

SDG No.: **BP060724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2707-01	B-01	BP020559.D	2-Fluorophenol	150	86.95	58		18	112
			Phenol-d6	150	78.85	53		15	107
			Nitrobenzene-d5	100	54.59	55		18	107
			2-Fluorobiphenyl	100	54.56	55		20	109
			2,4,6-Tribromophenol	150	109.94	73		10	110
			Terphenyl-d14	100	49.79	50		14	112
P2707-02	B-02	BP020560.D	2-Fluorophenol	150	94.36	63		18	112
			Phenol-d6	150	86.23	57		15	107
			Nitrobenzene-d5	100	59.18	59		18	107
			2-Fluorobiphenyl	100	56.64	57		20	109
			2,4,6-Tribromophenol	150	120.78	81		10	110
			Terphenyl-d14	100	48.85	49		14	112
P2707-03	SW-01	BP020561.D	2-Fluorophenol	150	96.75	64		18	112
			Phenol-d6	150	88.07	59		15	107
			Nitrobenzene-d5	100	61.94	62		18	107
			2-Fluorobiphenyl	100	56.38	56		20	109
			2,4,6-Tribromophenol	150	118.33	79		10	110
			Terphenyl-d14	100	46.58	47		14	112
P2707-05	SW-03	BP020562.D	2-Fluorophenol	150	83.03	55		18	112
			Phenol-d6	150	75.31	50		15	107
			Nitrobenzene-d5	100	52.87	53		18	107
			2-Fluorobiphenyl	100	51.73	52		20	109
			2,4,6-Tribromophenol	150	106.60	71		10	110
			Terphenyl-d14	100	48.18	48		14	112
PB161307BL	PB161307BL	BP020557.D	2-Fluorophenol	150	150.65	100		18	112
			Phenol-d6	150	135.57	90		15	107
			Nitrobenzene-d5	100	94.61	95		18	107
			2-Fluorobiphenyl	100	92.36	92		20	109
			2,4,6-Tribromophenol	150	175.24	117	*	10	110
			Terphenyl-d14	100	97.32	97		14	112
PB161307BS	PB161307BS	BP020558.D	2-Fluorophenol	150	139.07	93		18	112
			Phenol-d6	150	122.22	81		15	107
			Nitrobenzene-d5	100	81.68	82		18	107
			2-Fluorobiphenyl	100	85.52	86		20	109
			2,4,6-Tribromophenol	150	133.29	89		10	110
			Terphenyl-d14	100	72.25	72		14	112

Surrogate Summary

SW-846

SDG No.: **BP060724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2715-05	WCS-TPM	BP020563.D	2-Fluorophenol	150	133.20	89		18	112
			Phenol-d6	150	119.25	80		15	107
			Nitrobenzene-d5	100	83.16	83		18	107
			2-Fluorobiphenyl	100	77.22	77		20	109
			2,4,6-Tribromophenol	150	163.87	109		10	110
			Terphenyl-d14	100	68.73	69		14	112
P2715-05MS	WCS-TPMMS	BP020564.D	2-Fluorophenol	150	119.57	80		18	112
			Phenol-d6	150	107.83	72		15	107
			Nitrobenzene-d5	100	72.97	73		18	107
			2-Fluorobiphenyl	100	65.83	66		20	109
			2,4,6-Tribromophenol	150	141.55	94		10	110
			Terphenyl-d14	100	58.65	59		14	112
P2715-05MSD	WCS-TPMMSD	BP020565.D	2-Fluorophenol	150	131.58	88		18	112
			Phenol-d6	150	117.93	79		15	107
			Nitrobenzene-d5	100	81.17	81		18	107
			2-Fluorobiphenyl	100	71.54	72		20	109
			2,4,6-Tribromophenol	150	159.48	106		10	110
			Terphenyl-d14	100	64.80	65		14	112
PB161329BL	PB161329BL	BP020555.D	2-Fluorophenol	150	132.37	88		18	112
			Phenol-d6	150	114.49	76		15	107
			Nitrobenzene-d5	100	84.82	85		18	107
			2-Fluorobiphenyl	100	88.81	89		20	109
			2,4,6-Tribromophenol	150	144.47	96		10	110
			Terphenyl-d14	100	71.23	71		14	112
PB161329BS	PB161329BS	BP020556.D	2-Fluorophenol	150	139.79	93		18	112
			Phenol-d6	150	126.84	85		15	107
			Nitrobenzene-d5	100	81.02	81		18	107
			2-Fluorobiphenyl	100	79.72	80		20	109
			2,4,6-Tribromophenol	150	151.15	101		10	110
			Terphenyl-d14	100	88.67	89		14	112

Surrogate Summary

SW-846

SDG No.: **BP060724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2756-01	OR-02-06062024	BP020566.D	2-Fluorophenol	150	115.50	77		18	112
			Phenol-d6	150	103.53	69		15	107
			Nitrobenzene-d5	100	70.37	70		18	107
			2-Fluorobiphenyl	100	74.64	75		20	109
			2,4,6-Tribromophenol	150	140.49	94		10	110
			Terphenyl-d14	100	67.86	68		14	112
P2756-01MS	OR-02-06062024M	BP020567.D	2-Fluorophenol	150	109.34	73		18	112
			Phenol-d6	150	98.34	66		15	107
			Nitrobenzene-d5	100	67.09	67		18	107
			2-Fluorobiphenyl	100	69.26	69		20	109
			2,4,6-Tribromophenol	150	130.60	87		10	110
			Terphenyl-d14	100	60.53	61		14	112
P2756-01MSD	OR-02-06062024M	BP020568.D	2-Fluorophenol	150	110.72	74		18	112
			Phenol-d6	150	99.60	66		15	107
			Nitrobenzene-d5	100	67.29	67		18	107
			2-Fluorobiphenyl	100	69.72	70		20	109
			2,4,6-Tribromophenol	150	131.39	88		10	110
			Terphenyl-d14	100	60.91	61		14	112
P2763-01	MH-SLUDGE	BP020569.D	2-Fluorophenol	150	99.70	66		18	112
			Phenol-d6	150	89.02	59		15	107
			Nitrobenzene-d5	100	61.66	62		18	107
			2-Fluorobiphenyl	100	62.66	63		20	109
			2,4,6-Tribromophenol	150	125.35	84		10	110
			Terphenyl-d14	100	57.59	58		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP060724

Lab Code: CHEM

SAS No.: BP060724 SDG NO.: BP060724

Lab File ID: BP020553.D

DFTPP Injection Date: 06/07/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	40.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	97.4
443	15.0 - 24.0% of mass 442	18.9 (19.4) 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	BP020554.D	06/07/2024	10:16
PB161329BL	PB161329BL	BP020555.D	06/07/2024	11:00
PB161329BS	PB161329BS	BP020556.D	06/07/2024	11:45
PB161307BL	PB161307BL	BP020557.D	06/07/2024	12:29
PB161307BS	PB161307BS	BP020558.D	06/07/2024	13:13
B-01	P2707-01	BP020559.D	06/07/2024	14:01
B-02	P2707-02	BP020560.D	06/07/2024	14:45
SW-01	P2707-03	BP020561.D	06/07/2024	15:30
SW-03	P2707-05	BP020562.D	06/07/2024	16:14
WCS-TPM	P2715-05	BP020563.D	06/07/2024	16:59
WCS-TPMMS	P2715-05MS	BP020564.D	06/07/2024	17:44
WCS-TPMMSD	P2715-05MSD	BP020565.D	06/07/2024	18:29
OR-02-06062024	P2756-01	BP020566.D	06/07/2024	19:14
OR-02-06062024MS	P2756-01MS	BP020567.D	06/07/2024	19:58
OR-02-06062024MSD	P2756-01MSD	BP020568.D	06/07/2024	20:42
MH-SLUDGE	P2763-01	BP020569.D	06/07/2024	21:27