

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP061424 SAS No.: BP061424 SDG No.: BP061424
Instrument ID: BNA_P Calibration Date/Time: 6/14/2024 11:46
Lab File ID: BP020623.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	0.592		-3.896	
Pyridine	1.269	1.205		-5.043	
2-Fluorophenol	1.117	1.196		7.073	
Benzaldehyde	1.010	0.910		-9.901	
Aniline	1.596	1.449		-9.211	
Phenol-d6	1.575	1.524		-3.238	
Phenol	1.614	1.542		-4.461	20.0
bis(2-Chloroethyl) ether	1.331	1.258		-5.485	
2-Chlorophenol	1.252	1.273		1.677	
1,2-Dichlorobenzene	1.447	1.465		1.244	
1,3-Dichlorobenzene	1.475	1.519		2.983	
1,4-Dichlorobenzene	1.499	1.546		3.135	20.0
Benzyl Alcohol	1.164	1.012		-13.058	
2-Methylphenol	1.095	1.024		-6.484	
2,2-oxybis(1-Chloropropane)	1.987	1.730		-12.934	
Acetophenone	0.496	0.515		3.831	
3+4-Methylphenols	1.489	1.369		-8.059	
n-Nitroso-di-n-propylamine	1.075	0.880	0.050	-18.14	
Nitrobenzene-d5	0.365	0.393		7.671	
Hexachloroethane	0.548	0.565		3.102	
Nitrobenzene	0.371	0.392		5.66	
Isophorone	0.710	0.664		-6.479	
2-Nitrophenol	0.128	0.167		30.469	20.0
2,4-Dimethylphenol	0.214	0.214		0.0	
bis(2-Chloroethoxy) methane	0.436	0.424		-2.752	
2,4-Dichlorophenol	0.288	0.310		7.639	20.0
1,2,4-Trichlorobenzene	0.342	0.376		9.942	
Benzoic acid	0.181	0.187		3.315	
Naphthalene	1.022	1.070		4.697	
4-Chloroaniline	0.396	0.365		-7.828	
Hexachlorobutadiene	0.215	0.246		14.419	20.0
Caprolactam	0.105	0.106		0.952	
4-Chloro-3-methylphenol	0.337	0.315		-6.528	20.0
2-Methylnaphthalene	0.733	0.690		-5.866	
Hexachlorocyclopentadiene	0.203	0.260	0.050	28.079	
2,4,6-Trichlorophenol	0.350	0.416		18.857	20.0
2-Fluorobiphenyl	1.342	1.484		10.581	
2,4,5-Trichlorophenol	0.404	0.462		14.356	
1,1-Biphenyl	1.411	1.552		9.993	

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Lab File ID: BP020623.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	1.237		10.25	
2-Nitroaniline	0.304	0.324		6.579	
Dimethylphthalate	1.410	1.389		-1.489	
Acenaphthylene	1.665	1.734		4.144	
2,6-Dinitrotoluene	0.301	0.323		7.309	
3-Nitroaniline	0.302	0.312		3.311	
Acenaphthene	1.050	1.081		2.952	20.0
2,4-Dinitrophenol	0.104	0.129	0.050	24.038	
4-Nitrophenol	0.234	0.248	0.050	5.983	
Dibenzofuran	1.664	1.687		1.382	
2,4-Dinitrotoluene	0.396	0.437		10.354	
Diethylphthalate	1.433	1.376		-3.978	
4-Chlorophenyl-phenylether	0.689	0.689		0.0	
Fluorene	1.336	1.314		-1.647	
4-Nitroaniline	0.311	0.328		5.466	
4,6-Dinitro-2-methylphenol	0.078	0.105		34.615	
n-Nitrosodiphenylamine	0.550	0.575		4.545	20.0
Azobenzene	1.338	1.261		-5.755	
2,4,6-Tribromophenol	0.208	0.247		18.75	
4-Bromophenyl-phenylether	0.205	0.223		8.78	
Hexachlorobenzene	0.241	0.258		7.054	
Atrazine	0.193	0.183		-5.181	
Pentachlorophenol	0.146	0.164		12.329	20.0
Phenanthrene	0.983	1.020		3.764	
Anthracene	0.965	1.010		4.663	
Carbazole	0.933	0.981		5.145	
Di-n-butylphthalate	1.130	1.209		6.991	
Fluoranthene	1.163	1.278		9.888	20.0
Benzidine	0.610	0.330		-45.902	
Pyrene	1.504	1.335		-11.237	
Terphenyl-d14	1.201	1.102		-8.243	
Butylbenzylphthalate	0.549	0.575		4.736	
3,3-Dichlorobenzidine	0.391	0.484		23.785	
Benzo(a)anthracene	1.317	1.334		1.291	
Chrysene	1.241	1.295		4.351	
Bis(2-ethylhexyl)phthalate	0.856	0.858		0.234	
Di-n-octyl phthalate	1.244	1.571		26.286	20.0
Benzo(b)fluoranthene	1.246	1.184		-4.976	
Benzo(k)fluoranthene	1.215	1.155		-4.938	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP061424 SAS No.: BP061424 SDG No.: BP061424

Instrument ID: BNA_P Calibration Date/Time: 6/14/2024 11:46

Lab File ID: BP020623.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	1.074		4.07	20.0
Indeno(1,2,3-cd)pyrene	1.216	1.444		18.75	
Dibenzo(a,h)anthracene	1.014	1.201		18.442	
Benzo(g,h,i)perylene	1.014	1.213		19.625	
1,2,4,5-Tetrachlorobenzene	0.579	0.688		18.826	
1,4-Dioxane	0.451	0.461		2.217	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.353		6.97	
1-Methylnaphthalene	0.726	0.671		-7.576	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BL	SDG No.:	BP061424
Lab Sample ID:	PB161492BL	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
BP020624.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BL	SDG No.:	BP061424
Lab Sample ID:	PB161492BL	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
BP020624.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BL	SDG No.:	BP061424
Lab Sample ID:	PB161492BL	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
BP020624.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

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	128.526		18-112		86	SPK: -150
13127-88-3	Phenol-d6	109.065		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	80.088		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	82.33		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BL	SDG No.:	BP061424
Lab Sample ID:	PB161492BL	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
BP020624.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.703		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	71.255		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269668	7.705				
1146-65-2	Naphthalene-d8	1004350	10.475				
15067-26-2	Acenaphthene-d10	564345	14.357				
1517-22-2	Phenanthrene-d10	1022197	17.175				
1719-03-5	Chrysene-d12	926562	21.639				
1520-96-3	Perylene-d12	1296954	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.881	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BS	SDG No.:	BP061424
Lab Sample ID:	PB161492BS	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
BP020625.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		86.7	270	330	ug/Kg
110-86-1	Pyridine	980		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	850		180	270	330	ug/Kg
62-53-3	Aniline	710		96.8	130	170	ug/Kg
108-95-2	Phenol	1300		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1300		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1200		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1200		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1300		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	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	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	670		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg



Client:				Date Collected:	6/14/2024 12:00:00 AM	
Project:				Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	PB161492BS			SDG No.:	BP061424	
Lab Sample ID:	PB161492BS			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
BP020625.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	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	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	24600		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	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)	2900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BS	SDG No.:	BP061424
Lab Sample ID:	PB161492BS	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
BP020625.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	390		160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		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	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		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	1400		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.028		18-112		84	SPK: -150
13127-88-3	Phenol-d6	107.841		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	79.714		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	82.462		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161492BS	SDG No.:	BP061424
Lab Sample ID:	PB161492BS	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
BP020625.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.491		10-110		104	SPK: -150
1718-51-0	Terphenyl-d14	75.717		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251025	7.746				
1146-65-2	Naphthalene-d8	898141	10.516				
15067-26-2	Acenaphthene-d10	529997	14.375				
1517-22-2	Phenanthrene-d10	1117425	17.187				
1719-03-5	Chrysene-d12	1023073	21.639				
1520-96-3	Perylene-d12	1214597	24.998				

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020626.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	140		49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020626.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	69.8	J	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	610		51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	1913.9		794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	210		51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020626.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	210		49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	100		49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	110		48.4	77.9	100	ug/Kg
218-01-9	Chrysene	100		47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	110		48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	150		55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73.9	J	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100		48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	110		49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.157		18-112		49	SPK: -150
13127-88-3	Phenol-d6	66.626		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	49.747		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	61.678		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020626.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.107		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	15.765		14-112		16	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261953	7.752				
1146-65-2	Naphthalene-d8	990856	10.522				
15067-26-2	Acenaphthene-d10	511534	14.392				
1517-22-2	Phenanthrene-d10	409341	17.269				
1719-03-5	Chrysene-d12	1070615	21.733				
1520-96-3	Perylene-d12	1455965	25.063				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J			3.022	
007225-68-5	Dodecane, 1-cyclopentyl-4-(3-cyclo	64.5	J			12.304	
	unknown12.569	180	J			12.569	
	unknown12.904	190	J			12.904	
055402-13-6	3-Octyne, 2,2,7-trimethyl-	300	J			13.063	
1000184-97-9	(1,4-Dimethylpent-2-enyl)benzene	670	J			13.651	
313253-65-5	2-Pentanone, 4-cyclohexylidene-3,3	400	J			13.793	
001516-94-5	4,4-Ethylenebis(2,6-di-tert-butyl	400	J			23.316	

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020627.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.6	U	53.6	170	200	ug/Kg
110-86-1	Pyridine	49.4	U	49.4	80.4	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.9	U	59.9	80.4	110	ug/Kg
108-95-2	Phenol	51.2	U	51.2	80.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.7	U	51.7	80.4	110	ug/Kg
95-57-8	2-Chlorophenol	51.6	U	51.6	80.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.3	U	52.3	80.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.2	U	53.2	80.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.5	U	53.5	80.4	110	ug/Kg
100-51-6	Benzyl Alcohol	51.3	U	51.3	170	200	ug/Kg
95-48-7	2-Methylphenol	49.8	U	49.8	80.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.2	U	56.2	80.4	110	ug/Kg
98-86-2	Acetophenone	53.7	U	53.7	80.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.3	U	49.3	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.9	U	24.9	49.4	49.4	ug/Kg
67-72-1	Hexachloroethane	51.3	U	51.3	80.4	110	ug/Kg
98-95-3	Nitrobenzene	56.1	U	56.1	80.4	110	ug/Kg
78-59-1	Isophorone	52.3	U	52.3	80.4	110	ug/Kg
88-75-5	2-Nitrophenol	58.4	U	58.4	80.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	57.6	U	57.6	80.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53	U	53	80.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	46.7	U	46.7	80.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.8	U	52.8	80.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	51.1	U	51.1	80.4	110	ug/Kg
106-47-8	4-Chloroaniline	51.1	U	51.1	80.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.5	U	51.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020627.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.6	U	53.6	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.9	U	47.9	80.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	80.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.4	U	96.4	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.1	U	44.1	80.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.7	U	45.7	80.4	110	ug/Kg
92-52-4	1,1-Biphenyl	54	U	54	80.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.5	U	51.5	80.4	110	ug/Kg
88-74-4	2-Nitroaniline	58.7	U	58.7	80.4	110	ug/Kg
131-11-3	Dimethylphthalate	50.5	U	50.5	80.4	110	ug/Kg
208-96-8	Acenaphthylene	53.5	U	53.5	80.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.4	U	51.4	80.4	110	ug/Kg
99-09-2	3-Nitroaniline	55.1	U	55.1	80.4	110	ug/Kg
83-32-9	Acenaphthene	50.1	U	50.1	80.4	110	ug/Kg
Total PAH	Total PAH	886.4	U	819.1	80.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.7	U	71.7	170	200	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	80.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.7	U	104.7	80.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.3	U	53.3	80.4	110	ug/Kg
84-66-2	Diethylphthalate	49.5	U	49.5	80.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.9	U	52.9	80.4	110	ug/Kg
86-73-7	Fluorene	52.8	U	52.8	80.4	110	ug/Kg
100-01-6	4-Nitroaniline	66.1	U	66.1	80.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.3	U	72.3	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.4	U	50.4	80.4	110	ug/Kg
103-33-3	Azobenzene	49.2	U	49.2	80.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.8	U	48.8	80.4	110	ug/Kg
118-74-1	Hexachlorobenzene	52.5	U	52.5	80.4	110	ug/Kg
1912-24-9	Atrazine	56.5	U	56.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020627.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.8	U	47.8	170	200	ug/Kg
85-01-8	Phenanthrene	62.3	J	51.9	80.4	110	ug/Kg
120-12-7	Anthracene	52.2	U	52.2	80.4	110	ug/Kg
86-74-8	Carbazole	49.6	U	49.6	80.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.1	U	52.1	80.4	110	ug/Kg
206-44-0	Fluoranthene	170		50.5	80.4	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	130		51.3	80.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	59.8	U	59.8	80.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60.9	U	60.9	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	85	J	49.9	80.4	110	ug/Kg
218-01-9	Chrysene	90.1	J	49.1	80.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.2	U	56.2	80.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	110		50.1	80.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.1	U	51.1	80.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	57.5	80.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	J	48.3	80.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.2	U	50.2	80.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	J	49.5	80.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.6	U	53.6	80.4	110	ug/Kg
123-91-1	1,4-Dioxane	68	U	68	80.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.2	U	46.2	80.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.4	U	51.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.247		18-112		82	SPK: -150
13127-88-3	Phenol-d6	112.342		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	75.212		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	78.094		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020627.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	170.372	*	10-110		114	SPK: -150
1718-51-0	Terphenyl-d14	73.548		14-112		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194064	7.752				
1146-65-2	Naphthalene-d8	748510	10.522				
15067-26-2	Acenaphthene-d10	520827	14.375				
1517-22-2	Phenanthrene-d10	1175688	17.187				
1719-03-5	Chrysene-d12	1134752	21.633				
1520-96-3	Perylene-d12	1338750	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			3.023	
000057-55-6	Propylene Glycol	91.5	J			3.552	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			4.922	
000770-35-4	1-Phenoxypropan-2-ol	61.2	J			11.263	
	unknown14.610	210	J			14.61	
000057-10-3	n-Hexadecanoic acid	220	J			18.122	
000057-11-4	Octadecanoic acid	64.9	J			19.457	
000301-02-0	9-Octadecenamide, (Z)-	120	J			20.651	
959085-66-6	Heptadecyl heptafluorobutyrate	110	J			21.322	



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	WCS-TPJMS			SDG No.:	BP061424	
Lab Sample ID:	P2889-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	3.1	
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
BP020628.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	750		53.7	170	200	ug/Kg
110-86-1	Pyridine	700		49.4	80.4	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	500		59.9	80.4	110	ug/Kg
108-95-2	Phenol	930		51.3	80.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	820		51.8	80.4	110	ug/Kg
95-57-8	2-Chlorophenol	970		51.7	80.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	870		52.3	80.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	880		53.2	80.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	870		53.5	80.4	110	ug/Kg
100-51-6	Benzyl Alcohol	900		51.3	170	200	ug/Kg
95-48-7	2-Methylphenol	910		49.9	80.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	750		56.2	80.4	110	ug/Kg
98-86-2	Acetophenone	880		53.8	80.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		49.4	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		24.9	49.5	49.5	ug/Kg
67-72-1	Hexachloroethane	860		51.3	80.4	110	ug/Kg
98-95-3	Nitrobenzene	860		56.2	80.4	110	ug/Kg
78-59-1	Isophorone	830		52.3	80.4	110	ug/Kg
88-75-5	2-Nitrophenol	1100		58.5	80.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		57.7	80.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	830		53.1	80.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		46.7	80.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		52.8	80.4	110	ug/Kg
65-85-0	Benzoic acid	970		150	170	200	ug/Kg
91-20-3	Naphthalene	910		51.1	80.4	110	ug/Kg
106-47-8	4-Chloroaniline	370		51.1	80.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	900		51.5	80.4	110	ug/Kg



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	WCS-TPJMS			SDG No.:	BP061424	
Lab Sample ID:	P2889-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	3.1	
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
BP020628.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	920		53.7	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		47.9	80.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	870		51	80.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	96.5	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		44.2	80.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		45.8	80.4	110	ug/Kg
92-52-4	1,1-Biphenyl	930		54.1	80.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	910		51.5	80.4	110	ug/Kg
88-74-4	2-Nitroaniline	1000		58.8	80.4	110	ug/Kg
131-11-3	Dimethylphthalate	900		50.5	80.4	110	ug/Kg
208-96-8	Acenaphthylene	1000		53.5	80.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	950		51.5	80.4	110	ug/Kg
99-09-2	3-Nitroaniline	700		55.2	80.4	110	ug/Kg
83-32-9	Acenaphthene	900		50.2	80.4	110	ug/Kg
Total PAH	Total PAH	16240		819.6	80.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	2200	E	71.8	170	200	ug/Kg
132-64-9	Dibenzofuran	960		52.2	80.4	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		53.3	80.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	950		104.8	80.4	220	ug/Kg
84-66-2	Diethylphthalate	870		49.5	80.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	930		53	80.4	110	ug/Kg
86-73-7	Fluorene	940		52.9	80.4	110	ug/Kg
100-01-6	4-Nitroaniline	980		66.2	80.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		72.4	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	930		50.5	80.4	110	ug/Kg
103-33-3	Azobenzene	860		49.2	80.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		48.8	80.4	110	ug/Kg
118-74-1	Hexachlorobenzene	970		52.6	80.4	110	ug/Kg
1912-24-9	Atrazine	1000		56.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJMS	SDG No.:	BP061424
Lab Sample ID:	P2889-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020628.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	47.8	170	200	ug/Kg
85-01-8	Phenanthrene	1000		52	80.4	110	ug/Kg
120-12-7	Anthracene	1000		52.2	80.4	110	ug/Kg
86-74-8	Carbazole	970		49.7	80.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	960		52.1	80.4	110	ug/Kg
206-44-0	Fluoranthene	1200		50.5	80.4	110	ug/Kg
92-87-5	Benzidine	920		100	170	200	ug/Kg
129-00-0	Pyrene	930		51.3	80.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	880		59.9	80.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	780		61	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	1000		49.9	80.4	110	ug/Kg
218-01-9	Chrysene	1100		49.2	80.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	900		56.3	80.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		68	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		50.2	80.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	900		51.1	80.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57.5	80.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		48.3	80.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		50.2	80.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		49.5	80.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		53.7	80.4	110	ug/Kg
123-91-1	1,4-Dioxane	740		68	80.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		46.2	80.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	840		51.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.726		18-112		80	SPK: -150
13127-88-3	Phenol-d6	111.574		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	72.369		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	74.567		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJMS	SDG No.:	BP061424
Lab Sample ID:	P2889-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BP020628.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.156		10-110		101	SPK: -150
1718-51-0	Terphenyl-d14	69.018		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213830	7.746				
1146-65-2	Naphthalene-d8	849736	10.516				
15067-26-2	Acenaphthene-d10	546838	14.381				
1517-22-2	Phenanthrene-d10	1166805	17.181				
1719-03-5	Chrysene-d12	1137046	21.645				
1520-96-3	Perylene-d12	1387192	24.998				

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJMSD	SDG No.:	BP061424
Lab Sample ID:	P2889-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BP020629.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	710		53.7	170	200	ug/Kg
110-86-1	Pyridine	660		49.4	80.4	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	510		59.9	80.4	110	ug/Kg
108-95-2	Phenol	900		51.3	80.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	800		51.8	80.4	110	ug/Kg
95-57-8	2-Chlorophenol	950		51.6	80.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	850		52.3	80.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	840		53.2	80.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	850		53.5	80.4	110	ug/Kg
100-51-6	Benzyl Alcohol	880		51.3	170	200	ug/Kg
95-48-7	2-Methylphenol	890		49.8	80.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	740		56.2	80.4	110	ug/Kg
98-86-2	Acetophenone	870		53.7	80.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	900		49.3	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		24.9	49.5	49.5	ug/Kg
67-72-1	Hexachloroethane	840		51.3	80.4	110	ug/Kg
98-95-3	Nitrobenzene	840		56.1	80.4	110	ug/Kg
78-59-1	Isophorone	820		52.3	80.4	110	ug/Kg
88-75-5	2-Nitrophenol	1100		58.4	80.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		57.6	80.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	830		53.1	80.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		46.7	80.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		52.8	80.4	110	ug/Kg
65-85-0	Benzoic acid	1000		150	170	200	ug/Kg
91-20-3	Naphthalene	880		51.1	80.4	110	ug/Kg
106-47-8	4-Chloroaniline	400		51.1	80.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	900		51.5	80.4	110	ug/Kg



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	WCS-TPJMSD			SDG No.:	BP061424	
Lab Sample ID:	P2889-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	3.1	
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
BP020629.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	930		53.7	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		47.9	80.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	890		51	80.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	96.5	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		44.1	80.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		45.8	80.4	110	ug/Kg
92-52-4	1,1-Biphenyl	920		54	80.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	900		51.5	80.4	110	ug/Kg
88-74-4	2-Nitroaniline	980		58.7	80.4	110	ug/Kg
131-11-3	Dimethylphthalate	870		50.5	80.4	110	ug/Kg
208-96-8	Acenaphthylene	970		53.5	80.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	930		51.4	80.4	110	ug/Kg
99-09-2	3-Nitroaniline	710		55.2	80.4	110	ug/Kg
83-32-9	Acenaphthene	880		50.1	80.4	110	ug/Kg
Total PAH	Total PAH	15910		819.3	80.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	2100	E	71.7	170	200	ug/Kg
132-64-9	Dibenzofuran	920		52.2	80.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	920		104.7	80.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		53.3	80.4	110	ug/Kg
84-66-2	Diethylphthalate	880		49.5	80.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		52.9	80.4	110	ug/Kg
86-73-7	Fluorene	920		52.9	80.4	110	ug/Kg
100-01-6	4-Nitroaniline	960		66.2	80.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		72.3	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	940		50.5	80.4	110	ug/Kg
103-33-3	Azobenzene	850		49.2	80.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	990		48.8	80.4	110	ug/Kg
118-74-1	Hexachlorobenzene	960		52.6	80.4	110	ug/Kg
1912-24-9	Atrazine	1000		56.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJMSD	SDG No.:	BP061424
Lab Sample ID:	P2889-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BP020629.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	47.8	170	200	ug/Kg
85-01-8	Phenanthrene	1000		51.9	80.4	110	ug/Kg
120-12-7	Anthracene	1000		52.2	80.4	110	ug/Kg
86-74-8	Carbazole	950		49.7	80.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	970		52.1	80.4	110	ug/Kg
206-44-0	Fluoranthene	1100		50.5	80.4	110	ug/Kg
92-87-5	Benzidine	910		100	170	200	ug/Kg
129-00-0	Pyrene	920		51.3	80.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	880		59.9	80.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		61	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	1000		49.9	80.4	110	ug/Kg
218-01-9	Chrysene	1000		49.2	80.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	880		56.3	80.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		68	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		50.1	80.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	900		51.1	80.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57.5	80.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		48.3	80.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		50.2	80.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		49.5	80.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	970		53.7	80.4	110	ug/Kg
123-91-1	1,4-Dioxane	690		68	80.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		46.2	80.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	830		51.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.032		18-112		77	SPK: -150
13127-88-3	Phenol-d6	108.764		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	71.354		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	72.795		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJMSD	SDG No.:	BP061424
Lab Sample ID:	P2889-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BP020629.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161492

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.472		10-110		100	SPK: -150
1718-51-0	Terphenyl-d14	70.079		14-112		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224732	7.752				
1146-65-2	Naphthalene-d8	892091	10.522				
15067-26-2	Acenaphthene-d10	593617	14.381				
1517-22-2	Phenanthrene-d10	1227649	17.192				
1719-03-5	Chrysene-d12	1132086	21.639				
1520-96-3	Perylene-d12	1342595	25.004				

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061424
Lab Sample ID:	P2864-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020630.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061424
Lab Sample ID:	P2864-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020630.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061424
Lab Sample ID:	P2864-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020630.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.571		10-139		84	SPK: -150
13127-88-3	Phenol-d6	105.371		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	85.409		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	83.507		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-H	SDG No.:	BP061424
Lab Sample ID:	P2864-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020630.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	178.116		32-145		119	SPK: -150
1718-51-0	Terphenyl-d14	79.883		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185801	7.746				
1146-65-2	Naphthalene-d8	708215	10.516				
15067-26-2	Acenaphthene-d10	477650	14.381				
1517-22-2	Phenanthrene-d10	1063164	17.186				
1719-03-5	Chrysene-d12	1025779	21.645				
1520-96-3	Perylene-d12	1198640	24.992				

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061424
Lab Sample ID:	P2864-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020631.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	370		10.3	80	100	ug/L
110-86-1	Pyridine	300		15.5	40	50	ug/L
100-52-7	Benzaldehyde	43.1	J	40	80	100	ug/L
62-53-3	Aniline	140		16	40	50	ug/L
108-95-2	Phenol	400		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	470		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	450		16	80	100	ug/L
95-48-7	2-Methylphenol	430		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	370		13.5	40	50	ug/L
98-86-2	Acetophenone	440		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	440		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	400		14.8	25	25	ug/L
67-72-1	Hexachloroethane	410		10.1	40	50	ug/L
98-95-3	Nitrobenzene	420		12.7	40	50	ug/L
78-59-1	Isophorone	420		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	490		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	410		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	48	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061424
Lab Sample ID:	P2864-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020631.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	410		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	470		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	430		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	540		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	470		9.3	40	50	ug/L
208-96-8	Acenaphthylene	510		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	480		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	130		13.7	40	50	ug/L
83-32-9	Acenaphthene	460		8.1	40	50	ug/L
Total PAH	Total PAH	7550		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	470		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000		27.6	40	100	ug/L
84-66-2	Diethylphthalate	460		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	440		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	410		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061424
Lab Sample ID:	P2864-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020631.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	450		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	480		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	150		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	440		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	210		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	470		9.4	40	50	ug/L
218-01-9	Chrysene	470		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	450		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	550		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	430		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	440		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	490		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	530		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	520		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	490		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	350		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	570		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.537		10-139		84	SPK: -150
13127-88-3	Phenol-d6	108.808		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	82.266		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	85.127		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMS	SDG No.:	BP061424
Lab Sample ID:	P2864-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020631.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	172.524		32-145		115	SPK: -150
1718-51-0	Terphenyl-d14	76.778		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214366	7.752				
1146-65-2	Naphthalene-d8	848974	10.522				
15067-26-2	Acenaphthene-d10	549960	14.381				
1517-22-2	Phenanthrene-d10	1184739	17.192				
1719-03-5	Chrysene-d12	1063575	21.639				
1520-96-3	Perylene-d12	1262373	24.992				

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061424
Lab Sample ID:	P2864-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020632.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		10.3	80	100	ug/L
110-86-1	Pyridine	330		15.5	40	50	ug/L
100-52-7	Benzaldehyde	48.9	J	40	80	100	ug/L
62-53-3	Aniline	150		16	40	50	ug/L
108-95-2	Phenol	440		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	420		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	480		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	390		13.5	40	50	ug/L
98-86-2	Acetophenone	470		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	430		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	450		12.7	40	50	ug/L
78-59-1	Isophorone	450		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	560		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	430		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	540		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	480		11	40	50	ug/L
65-85-0	Benzoic acid	480		54.7	80	100	ug/L
91-20-3	Naphthalene	470		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	46	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	470		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061424
Lab Sample ID:	P2864-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020632.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	510		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	560		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	550		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	490		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	480		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	530		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	150		13.7	40	50	ug/L
83-32-9	Acenaphthene	480		8.1	40	50	ug/L
Total PAH	Total PAH	8170		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	20	80	100	ug/L
132-64-9	Dibenzofuran	500		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4070		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	560		15.2	40	50	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	490		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	620		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	510		11.4	40	50	ug/L
1912-24-9	Atrazine	460		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061424
Lab Sample ID:	P2864-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020632.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	530		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	510		14.7	40	50	ug/L
206-44-0	Fluoranthene	530		12.9	40	50	ug/L
92-87-5	Benzidine	180		40.7	80	100	ug/L
129-00-0	Pyrene	440		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	460		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	270		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	460		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	570		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	470		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	460		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	580		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	570		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	540		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	600		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.258		10-139		92	SPK: -150
13127-88-3	Phenol-d6	120.061		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	88.667		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	88.965		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	WC-HMSD	SDG No.:	BP061424
Lab Sample ID:	P2864-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020632.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	186.682		32-145		124	SPK: -150
1718-51-0	Terphenyl-d14	80.345		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178051	7.752				
1146-65-2	Naphthalene-d8	715799	10.522				
15067-26-2	Acenaphthene-d10	480953	14.381				
1517-22-2	Phenanthrene-d10	1044023	17.186				
1719-03-5	Chrysene-d12	1007729	21.639				
1520-96-3	Perylene-d12	1172856	24.986				

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061424
Lab Sample ID:	P2864-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020633.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061424
Lab Sample ID:	P2864-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020633.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061424
Lab Sample ID:	P2864-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020633.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.057		10-139		87	SPK: -150
13127-88-3	Phenol-d6	106.921		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	89.861		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.028		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	WC-I	SDG No.:	BP061424
Lab Sample ID:	P2864-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020633.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	181.531		32-145		121	SPK: -150
1718-51-0	Terphenyl-d14	76.161		36-145		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162246	7.746				
1146-65-2	Naphthalene-d8	597413	10.516				
15067-26-2	Acenaphthene-d10	384292	14.375				
1517-22-2	Phenanthrene-d10	889789	17.175				
1719-03-5	Chrysene-d12	969476	21.639				
1520-96-3	Perylene-d12	1123180	24.986				

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020634.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020634.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020634.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.899		10-139		87	SPK: -150
13127-88-3	Phenol-d6	110.019		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	88.987		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	87.323		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	348	SDG No.:	BP061424
Lab Sample ID:	P2878-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020634.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	181.513		32-145		121	SPK: -150
1718-51-0	Terphenyl-d14	85.406		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195774	7.752				
1146-65-2	Naphthalene-d8	752994	10.516				
15067-26-2	Acenaphthene-d10	510042	14.381				
1517-22-2	Phenanthrene-d10	1100244	17.186				
1719-03-5	Chrysene-d12	985608	21.627				
1520-96-3	Perylene-d12	1126043	24.968				

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020635.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020635.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020635.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.897		10-139		93	SPK: -150
13127-88-3	Phenol-d6	114.361		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	92.317		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	90.334		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPJ	SDG No.:	BP061424
Lab Sample ID:	P2889-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020635.D	1	6/14/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	196.118		32-145		131	SPK: -150
1718-51-0	Terphenyl-d14	90.767		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155333	7.752				
1146-65-2	Naphthalene-d8	590418	10.522				
15067-26-2	Acenaphthene-d10	396141	14.381				
1517-22-2	Phenanthrene-d10	903675	17.181				
1719-03-5	Chrysene-d12	862722	21.633				
1520-96-3	Perylene-d12	1001922	24.986				

Hit Summary Sheet SW-846

SDG No.: BP061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 348								
P2878-01	348	Solid	(1,4-Dimethylpent-2-enyl)benzene *	670.000	J			
P2878-01	348	Solid	2-Pentanone, 4-cyclohexylidene-3 *	400.000	J			
P2878-01	348	Solid	3-Octyne, 2,2,7-trimethyl- *	300.000	J			
P2878-01	348	Solid	4,4-Ethylenebis(2,6-di-tert-butyl *	400.000	J			
P2878-01	348	Solid	Butane, 2-methoxy-2-methyl- *	640.000	J			
P2878-01	348	Solid	Dodecane, 1-cyclopentyl-4-(3-cyc *	64.500	J			
P2878-01	348	Solid	unknown12.569 *	180.000	J			
P2878-01	348	Solid	unknown12.904 *	190.000	J			
Total Tics :				2,844.50				
P2878-01	348	Solid	1-Methylnaphthalene	110.000		49.9	100	ug/Kg
P2878-01	348	Solid	2-Methylnaphthalene	69.800	J	49.4	100	ug/Kg
P2878-01	348	Solid	Acenaphthylene	610.000		51.8	100	ug/Kg
P2878-01	348	Solid	Benzo(a)anthracene	110.000		48.4	100	ug/Kg
P2878-01	348	Solid	Benzo(a)pyrene	150.000		55.7	100	ug/Kg
P2878-01	348	Solid	Benzo(b)fluoranthene	110.000		48.6	100	ug/Kg
P2878-01	348	Solid	Benzo(g,h,i)perylene	100.000		48	100	ug/Kg
P2878-01	348	Solid	Chrysene	100.000		47.6	100	ug/Kg
P2878-01	348	Solid	Fluoranthene	210.000		49	100	ug/Kg
P2878-01	348	Solid	Fluorene	210.000		51.2	100	ug/Kg
P2878-01	348	Solid	Indeno(1,2,3-cd)pyrene	73.900	J	46.8	100	ug/Kg
P2878-01	348	Solid	Naphthalene	140.000		49.5	100	ug/Kg
P2878-01	348	Solid	Pyrene	100.000		49.7	100	ug/Kg
P2878-01	348	Solid	Total PAH	1,913.000		794	1600	ug/Kg
Total Svoc :				4,006.70				
Total Concentration:				6,851.20				
Client ID : WCS-TPJ								
P2889-01	WCS-TPJ	Solid	1-Phenoxypropan-2-ol *	61.200	J			
P2889-01	WCS-TPJ	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P2889-01	WCS-TPJ	Solid	9-Octadecenamide, (Z)- *	120.000	J			
P2889-01	WCS-TPJ	Solid	Butane, 2-methoxy-2-methyl- *	950.000	J			
P2889-01	WCS-TPJ	Solid	Heptadecyl heptafluorobutyrate *	110.000	J			
P2889-01	WCS-TPJ	Solid	n-Hexadecanoic acid *	220.000	J			
P2889-01	WCS-TPJ	Solid	Octadecanoic acid *	64.900	J			
P2889-01	WCS-TPJ	Solid	Propylene Glycol *	91.500	J			
P2889-01	WCS-TPJ	Solid	unknown14.610 *	210.000	J			
Total Tics :				1,937.60				
P2889-01	WCS-TPJ	Solid	Benzo(a)anthracene	85.000	J	49.9	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2889-01	WCS-TPJ	Solid	Benzo(a)pyrene	100.000	J	57.5	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Benzo(b)fluoranthene	110.000		50.1	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Benzo(g,h,i)perylene	76.000	J	49.5	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Chrysene	90.100	J	49.1	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Fluoranthene	170.000		50.5	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Indeno(1,2,3-cd)pyrene	63.000	J	48.3	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Phenanthrene	62.300	J	51.9	110	ug/Kg
P2889-01	WCS-TPJ	Solid	Pyrene	130.000		51.3	110	ug/Kg
Total Svoc :						886.40		
Total Concentration:						2,824.00		



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



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP061424 SAS No.: BP061424 SDG NO.: BP061424

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 13:50

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 PB161492BL	269668	7.71	1.00435e	10.48	564345	14.36
02 PB161492BS	251025	7.75	898141	10.52	529997	14.38
03 348	261953	7.75	990856	10.52	511534	14.39
04 WCS-TPJ	194064	7.75	748510	10.52	520827	14.38
05 WCS-TPJMS	213830	7.75	849736	10.52	546838	14.38
06 WCS-TPJMDS	224732	7.75	892091	10.52	593617	14.38
07 WC-H	185801	7.75	708215	10.52	477650	14.38
08 WC-HMS	214366	7.75	848974	10.52	549960	14.38
09 WC-HMSD	178051	7.75	715799	10.52	480953	14.38
10 WC-I	162246 *	7.75	597413 *	10.52	384292 *	14.38
11 348	195774	7.75	752994	10.52	510042	14.38
12 WCS-TPJ	155333 *	7.75	590418 *	10.52	396141 *	14.38

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP061424 SAS No.: BP061424 SDG NO.: BP061424

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BP020623.D Time Analyzed: 13:50

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	363434	7.758	1.28659e+01	10.52	713469	14.39
UPPER LIMIT	726868	8.258	2573180	11.022	1426938	14.887
LOWER LIMIT	181717	7.258	643295	10.022	356734.5	13.887
EPA SAMPLE NO.						
01 PB161492BL	269668	7.71	1.00435e	10.48	564345	14.36
02 PB161492BS	251025	7.75	898141	10.52	529997	14.38
03 348	261953	7.75	990856	10.52	511534	14.39
04 WCS-TPJ	194064	7.75	748510	10.52	520827	14.38
05 WCS-TPJMS	213830	7.75	849736	10.52	546838	14.38
06 WCS-TPJMSD	224732	7.75	892091	10.52	593617	14.38
07 WC-H	185801	7.75	708215	10.52	477650	14.38
08 WC-HMS	214366	7.75	848974	10.52	549960	14.38
09 WC-HMSD	178051 *	7.75	715799	10.52	480953	14.38
10 WC-I	162246 *	7.75	597413 *	10.52	384292	14.38
11 348	195774	7.75	752994	10.52	510042	14.38
12 WCS-TPJ	155333 *	7.75	590418 *	10.52	396141	14.38

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP061424 SAS No.: BP061424 SDG NO.: BP061424

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 13:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.94333e+01	17.204	1.46513e+01	21.669	1.32054e+01	25.021
	UPPER LIMIT	3886660	17.704	2930260	22.169	2641080	25.521
	LOWER LIMIT	971665	16.704	732565	21.169	660270	24.521
	EPA SAMPLE NO.						
01	PB161492BL	1.0222e	17.18	926562	21.64	1.29695e+	25.00
02	PB161492BS	1.11743	17.19	1.02307e+	21.64	1.2146e+0	25.00
03	348	409341 *	17.27	1.07062e+	21.73	1.45597e+	25.06
04	WCS-TPJ	1.17569	17.19	1.13475e+	21.63	1.33875e+	24.97
05	WCS-TPJMS	1.16681	17.18	1.13705e+	21.65	1.38719e+	25.00
06	WCS-TPJMDS	1.22765	17.19	1.13209e+	21.64	1.3426e+0	25.00
07	WC-H	1.06316	17.19	1.02578e+	21.65	1.19864e+	24.99
08	WC-HMS	1.18474	17.19	1.06358e+	21.64	1.26237e+	24.99
09	WC-HMSD	1.04402	17.19	1.00773e+	21.64	1.17286e+	24.99
10	WC-I	889789 *	17.18	969476	21.64	1.12318e+	24.99
11	348	1.10024	17.19	985608	21.63	1.12604e+	24.97
12	WCS-TPJ	903675 *	17.18	862722	21.63	1.00192e+	24.99

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.: BP061424 SAS No.: BP061424 SDG NO.: BP061424

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BP020623.D Time Analyzed: 13:50

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	1.38916e+0	17.187	1.3829e+0	21.651	1.77242e+0	25.01
	UPPER LIMIT	2778320	17.687	2765800	22.151	3544840	25.51
	LOWER LIMIT	694580	16.687	691450	21.151	886210	24.51
	EPA SAMPLE NO.						
01	PB161492BL	1.0222e	17.18	926562	21.64	1.29695e+	25.00
02	PB161492BS	1.11743	17.19	1.02307e+	21.64	1.2146e+0	25.00
03	348	409341 *	17.27	1.07062e+	21.73	1.45597e+	25.06
04	WCS-TPJ	1.17569	17.19	1.13475e+	21.63	1.33875e+	24.97
05	WCS-TPJMS	1.16681	17.18	1.13705e+	21.65	1.38719e+	25.00
06	WCS-TPJMSD	1.22765	17.19	1.13209e+	21.64	1.3426e+0	25.00
07	WC-H	1.06316	17.19	1.02578e+	21.65	1.19864e+	24.99
08	WC-HMS	1.18474	17.19	1.06358e+	21.64	1.26237e+	24.99
09	WC-HMSD	1.04402	17.19	1.00773e+	21.64	1.17286e+	24.99
10	WC-I	889789	17.18	969476	21.64	1.12318e+	24.99
11	348	1.10024	17.19	985608	21.63	1.12604e+	24.97
12	WCS-TPJ	903675	17.18	862722	21.63	1.00192e+	24.99

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.: **BP061424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161492BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103		
	Pyridine	1700	980	ug/Kg	58				28	98		
	Benzaldehyde	1700	850	ug/Kg	50				10	147		
	Aniline	1700	710	ug/Kg	42				38	100		
	Phenol	1700	1300	ug/Kg	76				62	112		
	bis(2-Chloroethyl)ether	1700	1200	ug/Kg	71				60	101		
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112		
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102		
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99		
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100		
	Benzyl Alcohol	1700	1300	ug/Kg	76				42	116		
	2-Methylphenol	1700	1200	ug/Kg	71				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1100	ug/Kg	65				51	100		
	Acetophenone	1700	1400	ug/Kg	82				55	104		
	3+4-Methylphenols	1700	1200	ug/Kg	71				58	111		
	N-Nitroso-di-n-propylamine	1700	1100	ug/Kg	65				63	95		
	Hexachloroethane	1700	1300	ug/Kg	76				72	108		
	Nitrobenzene	1700	1300	ug/Kg	76				57	101		
	Isophorone	1700	1300	ug/Kg	76				59	99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111		
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				67	119		
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				53	105		
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1500	ug/Kg	88				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	670	ug/Kg	39				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1300	ug/Kg	76				67	110		
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				58	112		
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104		
	Hexachlorocyclopentadiene	3300	4000	ug/Kg	121				45	134		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102		
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103		
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104		
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	Total PAH	27200	24600	ug/Kg	90				57	104		
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP061424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161492BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2900	ug/Kg	85				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	390	ug/Kg	12				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				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	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	1900	ug/Kg	112				61	112	
	Benzo(g,h,i)perylene	1700	1900	ug/Kg	112			*	70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1200	ug/Kg	71				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161492BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP061424

SAS No.: BP061424 SDG NO.: BP061424

Lab File ID: BP020624.D

Lab Sample ID: PB161492BL

Instrument ID: BNA_P

Date Extracted: 06/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/14/2024

Level: (low/med) LOW

Time Analyzed: 13:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161492BS	PB161492BS	BP020625.D	06/14/2024
348	P2878-01	BP020626.D	06/14/2024
WCS-TPJ	P2889-01	BP020627.D	06/14/2024
WCS-TPJMS	P2889-01MS	BP020628.D	06/14/2024
WCS-TPJMSD	P2889-01MSD	BP020629.D	06/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-H

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP061424

SAS No.: BP061424 SDG NO.: BP061424

Lab File ID: BP020630.D

Lab Sample ID: P2864-04

Instrument ID: BNA_P

Date Extracted: 06/14/2024

Matrix: (soil/water) water

Date Analyzed: 06/14/2024

Level: (low/med) LOW

Time Analyzed: 18:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-H	P2864-04	BP020630.D	06/14/2024
WC-HMS	P2864-04MS	BP020631.D	06/14/2024
WC-HMSD	P2864-04MSD	BP020632.D	06/14/2024
WC-I	P2864-08	BP020633.D	06/14/2024
348	P2878-03	BP020634.D	06/14/2024
WCS-TPJ	P2889-04	BP020635.D	06/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2864-04MS		Client Sample ID: WC-HMS		DataFile: BP020631.D							
n-Nitrosodimethylamine	500		370	ug/L	74				10	130	
Pyridine	500		300	ug/L	60				10	109	
Benzaldehyde	500		43.1	ug/L	9	*			10	137	
Aniline	500		140	ug/L	28				10	130	
Phenol	500		400	ug/L	80				10	130	
bis(2-Chloroethyl)ether	500		390	ug/L	78				29	141	
2-Chlorophenol	500		470	ug/L	94				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		450	ug/L	90				31	94	
2-Methylphenol	500		430	ug/L	86				23	132	
2,2-oxybis(1-Chloropropane)	500		370	ug/L	74				36	141	
Acetophenone	500		440	ug/L	88				31	164	
3+4-Methylphenols	500		440	ug/L	88				17	136	
N-Nitroso-di-n-propylamine	500		400	ug/L	80				36	147	
Hexachloroethane	500		410	ug/L	82				35	137	
Nitrobenzene	500		420	ug/L	84				40	134	
Isophorone	500		420	ug/L	84				39	146	
2-Nitrophenol	500		530	ug/L	106				30	148	
2,4-Dimethylphenol	500		490	ug/L	98				17	143	
bis(2-Chloroethoxy)methane	500		410	ug/L	82				39	143	
2,4-Dichlorophenol	500		500	ug/L	100				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		460	ug/L	92				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		48	ug/L	10				10	95	
Hexachlorobutadiene	500		440	ug/L	88				52	125	
Caprolactam	500		410	ug/L	82				10	130	
4-Chloro-3-methylphenol	500		470	ug/L	94				17	148	
2-Methylnaphthalene	500		430	ug/L	86				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		540	ug/L	108				46	139	
2,4,5-Trichlorophenol	500		520	ug/L	104				42	129	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		470	ug/L	94				42	147	
Acenaphthylene	500		510	ug/L	102				40	141	
2,6-Dinitrotoluene	500		480	ug/L	96				43	148	
3-Nitroaniline	500		130	ug/L	26				10	111	
Acenaphthene	500		460	ug/L	92				37	146	
Total PAH	8000		7550	ug/L	94				37	146	
2,4-Dinitrophenol	1000		1100	ug/L	110				14	167	
4-Nitrophenol	1000		1000	ug/L	100				10	130	
Dibenzofuran	500		470	ug/L	94				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

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	1000		1000	ug/L	100				40	151	
2,4-Dinitrotoluene	500		520	ug/L	104				40	151	
Diethylphthalate	500		460	ug/L	92				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		450	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	500		580	ug/L	116				32	175	
N-Nitrosodiphenylamine	500		460	ug/L	92				40	150	
Azobenzene	500		440	ug/L	88				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		480	ug/L	96				60	129	
Atrazine	500		410	ug/L	82				20	162	
Pentachlorophenol	1000		1000	ug/L	100				15	137	
Phenanthrene	500		470	ug/L	94				40	147	
Anthracene	500		480	ug/L	96				41	146	
Carbazole	500		450	ug/L	90				37	154	
Di-n-butylphthalate	500		480	ug/L	96				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzydine	1000		150	ug/L	15				10	130	
Pyrene	500		420	ug/L	84				41	149	
Butylbenzylphthalate	500		440	ug/L	88				39	155	
3,3-Dichlorobenzidine	500		210	ug/L	42				10	114	
Benzo(a)anthracene	500		470	ug/L	94				41	147	
Chrysene	500		470	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	500		450	ug/L	90				33	160	
Di-n-octyl phthalate	500		550	ug/L	110				36	158	
Benzo(b)fluoranthene	500		430	ug/L	86				40	150	
Benzo(k)fluoranthene	500		440	ug/L	88				40	147	
Benzo(a)pyrene	500		490	ug/L	98				42	147	
Indeno(1,2,3-cd)pyrene	500		530	ug/L	106				30	166	
Dibenz(a,h)anthracene	500		520	ug/L	104				23	172	
Benzo(g,h,i)perylene	500		490	ug/L	98				27	167	
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98				89	102	
1,4-Dioxane	500		350	ug/L	70				38	130	
2,3,4,6-Tetrachlorophenol	500		570	ug/L	114	*			91	111	
1-Methylnaphthalene	500		410	ug/L	82				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2864-04MSD		Client Sample ID: WC-HMSD		DataFile: BP020632.D							
n-Nitrosodimethylamine	500		400	ug/L	80		8		10	130	20
Pyridine	500		330	ug/L	66		10		10	109	20
Benzaldehyde	500		48.9	ug/L	10		11		10	137	20
Aniline	500		150	ug/L	30		7		10	130	20
Phenol	500		440	ug/L	88		10		10	130	20
bis(2-Chloroethyl)ether	500		420	ug/L	84		7		29	141	20
2-Chlorophenol	500		500	ug/L	100		6		23	127	20
1,2-Dichlorobenzene	500		450	ug/L	90		7		61	114	20
1,3-Dichlorobenzene	500		450	ug/L	90		9		65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		7		55	125	20
Benzyl Alcohol	500		480	ug/L	96	*	6		31	94	20
2-Methylphenol	500		470	ug/L	94		9		23	132	20
2,2-oxybis(1-Chloropropane)	500		390	ug/L	78		5		36	141	20
Acetophenone	500		470	ug/L	94		7		31	164	20
3+4-Methylphenols	500		480	ug/L	96		9		17	136	20
N-Nitroso-di-n-propylamine	500		430	ug/L	86		7		36	147	20
Hexachloroethane	500		440	ug/L	88		7		35	137	20
Nitrobenzene	500		450	ug/L	90		7		40	134	20
Isophorone	500		450	ug/L	90		7		39	146	20
2-Nitrophenol	500		560	ug/L	112		6		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		6		17	143	20
bis(2-Chloroethoxy)methane	500		430	ug/L	86		5		39	143	20
2,4-Dichlorophenol	500		540	ug/L	108		8		22	146	20
1,2,4-Trichlorobenzene	500		480	ug/L	96		6		66	110	20
Benzoic acid	500		480	ug/L	96		4		10	101	20
Naphthalene	500		470	ug/L	94		7		17	157	20
4-Chloroaniline	500		46	ug/L	9	*	11		10	95	20
Hexachlorobutadiene	500		470	ug/L	94		7		52	125	20
Caprolactam	500		460	ug/L	92		11		10	130	20
4-Chloro-3-methylphenol	500		510	ug/L	102		8		17	148	20
2-Methylnaphthalene	500		470	ug/L	94		9		38	146	20
Hexachlorocyclopentadiene	1000		1400	ug/L	140		7		20	153	20
2,4,6-Trichlorophenol	500		560	ug/L	112		4		46	139	20
2,4,5-Trichlorophenol	500		550	ug/L	110		6		42	129	20
1,1-Biphenyl	500		490	ug/L	98		6		38	154	20
2-Chloronaphthalene	500		480	ug/L	96		6		41	145	20
2-Nitroaniline	500		530	ug/L	106		6		39	151	20
Dimethylphthalate	500		490	ug/L	98		4		42	147	20
Acenaphthylene	500		540	ug/L	108		6		40	141	20
2,6-Dinitrotoluene	500		510	ug/L	102		6		43	148	20
3-Nitroaniline	500		150	ug/L	30		14		10	111	20
Acenaphthene	500		480	ug/L	96		4		37	146	20
Total PAH	8000		8170	ug/L	102		8		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		0		14	167	20
4-Nitrophenol	1000		1100	ug/L	110		10		10	130	20
Dibenzofuran	500		500	ug/L	100		6		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

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	1000		1070	ug/L	107		7		40	151	20
2,4-Dinitrotoluene	500		560	ug/L	112		7		40	151	20
Diethylphthalate	500		490	ug/L	98		6		41	148	20
4-Chlorophenyl-phenylether	500		510	ug/L	102		8		38	149	20
Fluorene	500		500	ug/L	100		6		39	144	20
4-Nitroaniline	500		490	ug/L	98		9		27	138	20
4,6-Dinitro-2-methylphenol	500		620	ug/L	124		7		32	175	20
N-Nitrosodiphenylamine	500		490	ug/L	98		6		40	150	20
Azobenzene	500		470	ug/L	94		7		72	112	20
4-Bromophenyl-phenylether	500		510	ug/L	102		4		42	151	20
Hexachlorobenzene	500		510	ug/L	102		6		60	129	20
Atrazine	500		460	ug/L	92		11		20	162	20
Pentachlorophenol	1000		1100	ug/L	110		10		15	137	20
Phenanthrene	500		520	ug/L	104		10		40	147	20
Anthracene	500		530	ug/L	106		10		41	146	20
Carbazole	500		500	ug/L	100		11		37	154	20
Di-n-butylphthalate	500		510	ug/L	102		6		40	151	20
Fluoranthene	500		530	ug/L	106		14		42	146	20
Benzydine	1000		180	ug/L	18		18		10	130	20
Pyrene	500		440	ug/L	88		5		41	149	20
Butylbenzylphthalate	500		460	ug/L	92		4		39	155	20
3,3-Dichlorobenzidine	500		270	ug/L	54		25	*	10	114	20
Benzo(a)anthracene	500		500	ug/L	100		6		41	147	20
Chrysene	500		510	ug/L	102		8		44	144	20
bis(2-Ethylhexyl)phthalate	500		460	ug/L	92		2		33	160	20
Di-n-octyl phthalate	500		570	ug/L	114		4		36	158	20
Benzo(b)fluoranthene	500		470	ug/L	94		9		40	150	20
Benzo(k)fluoranthene	500		460	ug/L	92		4		40	147	20
Benzo(a)pyrene	500		530	ug/L	106		8		42	147	20
Indeno(1,2,3-cd)pyrene	500		580	ug/L	116		9		30	166	20
Dibenz(a,h)anthracene	500		570	ug/L	114		9		23	172	20
Benzo(g,h,i)perylene	500		540	ug/L	108		10		27	167	20
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102		4		89	102	20
1,4-Dioxane	500		400	ug/L	80		13		38	130	20
2,3,4,6-Tetrachlorophenol	500		600	ug/L	120	*	5		91	111	20
1-Methylnaphthalene	500		450	ug/L	90		9		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2889-01MS		Client Sample ID: WCS-TPJMS		DataFile: BP020628.D							
n-Nitrosodimethylamine	1000		750	ug/Kg	75				66	124	
Pyridine	1000		700	ug/Kg	70				45	119	
Benzaldehyde	1000		0	ug/Kg	0	*			26	163	
Aniline	1000		500	ug/Kg	50				10	88	
Phenol	1000		930	ug/Kg	93				67	126	
bis(2-Chloroethyl)ether	1000		820	ug/Kg	82				74	116	
2-Chlorophenol	1000		970	ug/Kg	97				61	138	
1,2-Dichlorobenzene	1000		870	ug/Kg	87				61	105	
1,3-Dichlorobenzene	1000		880	ug/Kg	88				62	101	
1,4-Dichlorobenzene	1000		870	ug/Kg	87				63	104	
Benzyl Alcohol	1000		900	ug/Kg	90				47	126	
2-Methylphenol	1000		910	ug/Kg	91				66	122	
2,2-oxybis(1-Chloropropane)	1000		750	ug/Kg	75				52	115	
Acetophenone	1000		880	ug/Kg	88				75	111	
3+4-Methylphenols	1000		920	ug/Kg	92				53	132	
N-Nitroso-di-n-propylamine	1000		790	ug/Kg	79				59	119	
Hexachloroethane	1000		860	ug/Kg	86				65	117	
Nitrobenzene	1000		860	ug/Kg	86				70	119	
Isophorone	1000		830	ug/Kg	83				76	122	
2-Nitrophenol	1000		1100	ug/Kg	110				54	145	
2,4-Dimethylphenol	1000		1000	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1000		830	ug/Kg	83				68	112	
2,4-Dichlorophenol	1000		1000	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1000		920	ug/Kg	92				57	103	
Benzoic acid	1000		970	ug/Kg	97				50	104	
Naphthalene	1000		910	ug/Kg	91				72	110	
4-Chloroaniline	1000		370	ug/Kg	37				10	100	
Hexachlorobutadiene	1000		900	ug/Kg	90				66	114	
Caprolactam	1000		920	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1000		940	ug/Kg	94				57	132	
2-Methylnaphthalene	1000		870	ug/Kg	87				59	123	
Hexachlorocyclopentadiene	2100		2800	ug/Kg	133				10	175	
2,4,6-Trichlorophenol	1000		1100	ug/Kg	110				72	117	
2,4,5-Trichlorophenol	1000		1000	ug/Kg	100				72	117	
1,1-Biphenyl	1000		930	ug/Kg	93				75	113	
2-Chloronaphthalene	1000		910	ug/Kg	91				67	118	
2-Nitroaniline	1000		1000	ug/Kg	100				69	127	
Dimethylphthalate	1000		900	ug/Kg	90				70	113	
Acenaphthylene	1000		1000	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1000		950	ug/Kg	95				70	125	
3-Nitroaniline	1000		700	ug/Kg	70				20	111	
Acenaphthene	1000		900	ug/Kg	90				70	121	
Total PAH	16000	886.4	16240	ug/Kg	102				70	121	
2,4-Dinitrophenol	2100		1900	ug/Kg	90				16	160	
4-Nitrophenol	2100		2200	ug/Kg	105				45	133	
Dibenzofuran	1000		960	ug/Kg	96				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		1000	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1950	ug/Kg	98				55	128	
Diethylphthalate	1000		870	ug/Kg	87				70	112	
4-Chlorophenyl-phenylether	1000		930	ug/Kg	93				71	108	
Fluorene	1000		940	ug/Kg	94				68	116	
4-Nitroaniline	1000		980	ug/Kg	98				55	120	
4,6-Dinitro-2-methylphenol	1000		1100	ug/Kg	110				32	145	
N-Nitrosodiphenylamine	1000		930	ug/Kg	93				73	118	
Azobenzene	1000		860	ug/Kg	86				73	110	
4-Bromophenyl-phenylether	1000		950	ug/Kg	95				65	121	
Hexachlorobenzene	1000		970	ug/Kg	97				67	118	
Atrazine	1000		1000	ug/Kg	100				79	127	
Pentachlorophenol	2100		2200	ug/Kg	105				47	128	
Phenanthrene	1000	62.3	1000	ug/Kg	94				72	113	
Anthracene	1000		1000	ug/Kg	100				62	124	
Carbazole	1000		970	ug/Kg	97				59	119	
Di-n-butylphthalate	1000		960	ug/Kg	96				69	118	
Fluoranthene	1000	170	1200	ug/Kg	103				59	125	
Benzydine	2100		920	ug/Kg	44				10	119	
Pyrene	1000	130	930	ug/Kg	80				52	128	
Butylbenzylphthalate	1000		880	ug/Kg	88				64	126	
3,3-Dichlorobenzidine	1000		780	ug/Kg	78				10	164	
Benzo(a)anthracene	1000	85	1000	ug/Kg	92				71	114	
Chrysene	1000	90.1	1100	ug/Kg	101				57	121	
bis(2-Ethylhexyl)phthalate	1000		900	ug/Kg	90				66	127	
Di-n-octyl phthalate	1000		1100	ug/Kg	110				71	126	
Benzo(b)fluoranthene	1000	110	960	ug/Kg	85				67	121	
Benzo(k)fluoranthene	1000		900	ug/Kg	90				74	114	
Benzo(a)pyrene	1000	100	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1000	63	1100	ug/Kg	104				61	125	
Dibenz(a,h)anthracene	1000		1100	ug/Kg	110				67	130	
Benzo(g,h,i)perylene	1000	76	1100	ug/Kg	102				53	140	
1,2,4,5-Tetrachlorobenzene	1000		1000	ug/Kg	100				69	124	
1,4-Dioxane	1000		740	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1000		1100	ug/Kg	110				56	133	
1-Methylnaphthalene	1000		840	ug/Kg	84				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2889-01MSD		Client Sample ID: WCS-TPJMSD		DataFile: BP020629.D							
n-Nitrosodimethylamine	1000		710	ug/Kg	71		5		66	124	20
Pyridine	1000		660	ug/Kg	66		6		45	119	20
Benzaldehyde	1000		0	ug/Kg	0	*			26	163	20
Aniline	1000		510	ug/Kg	51		2		10	88	20
Phenol	1000		900	ug/Kg	90		3		67	126	20
bis(2-Chloroethyl)ether	1000		800	ug/Kg	80		2		74	116	20
2-Chlorophenol	1000		950	ug/Kg	95		2		61	138	20
1,2-Dichlorobenzene	1000		850	ug/Kg	85		2		61	105	20
1,3-Dichlorobenzene	1000		840	ug/Kg	84		5		62	101	20
1,4-Dichlorobenzene	1000		850	ug/Kg	85		2		63	104	20
Benzyl Alcohol	1000		880	ug/Kg	88		2		47	126	20
2-Methylphenol	1000		890	ug/Kg	89		2		66	122	20
2,2-oxybis(1-Chloropropane)	1000		740	ug/Kg	74		1		52	115	20
Acetophenone	1000		870	ug/Kg	87		1		75	111	20
3+4-Methylphenols	1000		900	ug/Kg	90		2		53	132	20
N-Nitroso-di-n-propylamine	1000		790	ug/Kg	79		0		59	119	20
Hexachloroethane	1000		840	ug/Kg	84		2		65	117	20
Nitrobenzene	1000		840	ug/Kg	84		2		70	119	20
Isophorone	1000		820	ug/Kg	82		1		76	122	20
2-Nitrophenol	1000		1100	ug/Kg	110		0		54	145	20
2,4-Dimethylphenol	1000		1000	ug/Kg	100		0		83	144	20
bis(2-Chloroethoxy)methane	1000		830	ug/Kg	83		0		68	112	20
2,4-Dichlorophenol	1000		1000	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1000		920	ug/Kg	92		0		57	103	20
Benzoic acid	1000		1000	ug/Kg	100		3		50	104	20
Naphthalene	1000		880	ug/Kg	88		3		72	110	20
4-Chloroaniline	1000		400	ug/Kg	40		8		10	100	20
Hexachlorobutadiene	1000		900	ug/Kg	90		0		66	114	20
Caprolactam	1000		930	ug/Kg	93		1		51	134	20
4-Chloro-3-methylphenol	1000		950	ug/Kg	95		1		57	132	20
2-Methylnaphthalene	1000		890	ug/Kg	89		2		59	123	20
Hexachlorocyclopentadiene	2100		2700	ug/Kg	129		3		10	175	20
2,4,6-Trichlorophenol	1000		1100	ug/Kg	110		0		72	117	20
2,4,5-Trichlorophenol	1000		1000	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1000		920	ug/Kg	92		1		75	113	20
2-Chloronaphthalene	1000		900	ug/Kg	90		1		67	118	20
2-Nitroaniline	1000		980	ug/Kg	98		2		69	127	20
Dimethylphthalate	1000		870	ug/Kg	87		3		70	113	20
Acenaphthylene	1000		970	ug/Kg	97		3		79	118	20
2,6-Dinitrotoluene	1000		930	ug/Kg	93		2		70	125	20
3-Nitroaniline	1000		710	ug/Kg	71		1		20	111	20
Acenaphthene	1000		880	ug/Kg	88		2		70	121	20
Total PAH	16000	886.4	15910	ug/Kg	99		3		70	121	20
2,4-Dinitrophenol	2100		2000	ug/Kg	95		5		16	160	20
4-Nitrophenol	2100		2100	ug/Kg	100		5		45	133	20
Dibenzofuran	1000		920	ug/Kg	92		4		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP061424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		990	ug/Kg	99		1		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1920	ug/Kg	96		2		55	128	20
Diethylphthalate	1000		880	ug/Kg	88		1		70	112	20
4-Chlorophenyl-phenylether	1000		920	ug/Kg	92		1		71	108	20
Fluorene	1000		920	ug/Kg	92		2		68	116	20
4-Nitroaniline	1000		960	ug/Kg	96		2		55	120	20
4,6-Dinitro-2-methylphenol	1000		1100	ug/Kg	110		0		32	145	20
N-Nitrosodiphenylamine	1000		940	ug/Kg	94		1		73	118	20
Azobenzene	1000		850	ug/Kg	85		1		73	110	20
4-Bromophenyl-phenylether	1000		990	ug/Kg	99		4		65	121	20
Hexachlorobenzene	1000		960	ug/Kg	96		1		67	118	20
Atrazine	1000		1000	ug/Kg	100		0		79	127	20
Pentachlorophenol	2100		2100	ug/Kg	100		5		47	128	20
Phenanthrene	1000	62.3	1000	ug/Kg	94		0		72	113	20
Anthracene	1000		1000	ug/Kg	100		0		62	124	20
Carbazole	1000		950	ug/Kg	95		2		59	119	20
Di-n-butylphthalate	1000		970	ug/Kg	97		1		69	118	20
Fluoranthene	1000	170	1100	ug/Kg	93		10		59	125	20
Benzidine	2100		910	ug/Kg	43		2		10	119	20
Pyrene	1000	130	920	ug/Kg	79		1		52	128	20
Butylbenzylphthalate	1000		880	ug/Kg	88		0		64	126	20
3,3-Dichlorobenzidine	1000		860	ug/Kg	86		10		10	164	20
Benzo(a)anthracene	1000	85	1000	ug/Kg	92		0		71	114	20
Chrysene	1000	90.1	1000	ug/Kg	91		10		57	121	20
bis(2-Ethylhexyl)phthalate	1000		880	ug/Kg	88		2		66	127	20
Di-n-octyl phthalate	1000		1100	ug/Kg	110		0		71	126	20
Benzo(b)fluoranthene	1000	110	940	ug/Kg	83		2		67	121	20
Benzo(k)fluoranthene	1000		900	ug/Kg	90		0		74	114	20
Benzo(a)pyrene	1000	100	1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1000	63	1100	ug/Kg	104		0		61	125	20
Dibenz(a,h)anthracene	1000		1100	ug/Kg	110		0		67	130	20
Benzo(g,h,i)perylene	1000	76	1100	ug/Kg	102		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1000		970	ug/Kg	97		3		69	124	20
1,4-Dioxane	1000		690	ug/Kg	69		7		46	112	20
2,3,4,6-Tetrachlorophenol	1000		1100	ug/Kg	110		0		56	133	20
1-Methylnaphthalene	1000		830	ug/Kg	83		1		70	130	20

Surrogate Summary

SW-846

SDG No.: **BP061424**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2878-01	348	BP020626.D	2-Fluorophenol	150	74.16	49		18	112
			Phenol-d6	150	66.63	44		15	107
			Nitrobenzene-d5	100	49.75	50		18	107
			2-Fluorobiphenyl	100	61.68	62		20	109
			2,4,6-Tribromophenol	150	84.11	56		10	110
			Terphenyl-d14	100	15.77	16		14	112
P2889-01	WCS-TPJ	BP020627.D	2-Fluorophenol	150	123.25	82		18	112
			Phenol-d6	150	112.34	75		15	107
			Nitrobenzene-d5	100	75.21	75		18	107
			2-Fluorobiphenyl	100	78.09	78		20	109
			2,4,6-Tribromophenol	150	170.37	114	*	10	110
			Terphenyl-d14	100	73.55	74		14	112
P2889-01MS	WCS-TPJMS	BP020628.D	2-Fluorophenol	150	120.73	80		18	112
			Phenol-d6	150	111.57	74		15	107
			Nitrobenzene-d5	100	72.37	72		18	107
			2-Fluorobiphenyl	100	74.57	75		20	109
			2,4,6-Tribromophenol	150	152.16	101		10	110
			Terphenyl-d14	100	69.02	69		14	112
P2889-01MSD	WCS-TPJMSD	BP020629.D	2-Fluorophenol	150	116.03	77		18	112
			Phenol-d6	150	108.76	73		15	107
			Nitrobenzene-d5	100	71.35	71		18	107
			2-Fluorobiphenyl	100	72.80	73		20	109
			2,4,6-Tribromophenol	150	149.47	100		10	110
			Terphenyl-d14	100	70.08	70		14	112
PB161492BL	PB161492BL	BP020624.D	2-Fluorophenol	150	128.53	86		18	112
			Phenol-d6	150	109.07	73		15	107
			Nitrobenzene-d5	100	80.09	80		18	107
			2-Fluorobiphenyl	100	82.33	82		20	109
			2,4,6-Tribromophenol	150	125.70	84		10	110
			Terphenyl-d14	100	71.26	71		14	112
PB161492BS	PB161492BS	BP020625.D	2-Fluorophenol	150	126.03	84		18	112
			Phenol-d6	150	107.84	72		15	107
			Nitrobenzene-d5	100	79.71	80		18	107
			2-Fluorobiphenyl	100	82.46	82		20	109
			2,4,6-Tribromophenol	150	155.49	104		10	110
			Terphenyl-d14	100	75.72	76		14	112

Surrogate Summary

SW-846

SDG No.: **BP061424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2864-04	WC-H	BP020630.D	2-Fluorophenol	150	126.57	84		10	139
			Phenol-d6	150	105.37	70		10	134
			Nitrobenzene-d5	100	85.41	85		49	133
			2-Fluorobiphenyl	100	83.51	84		52	132
			2,4,6-Tribromophenol	150	178.12	119		32	145
			Terphenyl-d14	100	79.88	80		36	145
P2864-04MS	WC-HMS	BP020631.D	2-Fluorophenol	150	126.54	84		10	139
			Phenol-d6	150	108.81	73		10	134
			Nitrobenzene-d5	100	82.27	82		49	133
			2-Fluorobiphenyl	100	85.13	85		52	132
			2,4,6-Tribromophenol	150	172.52	115		32	145
			Terphenyl-d14	100	76.78	77		36	145
P2864-04MSD	WC-HMSD	BP020632.D	2-Fluorophenol	150	137.26	92		10	139
			Phenol-d6	150	120.06	80		10	134
			Nitrobenzene-d5	100	88.67	89		49	133
			2-Fluorobiphenyl	100	88.97	89		52	132
			2,4,6-Tribromophenol	150	186.68	124		32	145
			Terphenyl-d14	100	80.35	80		36	145
P2864-08	WC-I	BP020633.D	2-Fluorophenol	150	130.06	87		10	139
			Phenol-d6	150	106.92	71		10	134
			Nitrobenzene-d5	100	89.86	90		49	133
			2-Fluorobiphenyl	100	87.03	87		52	132
			2,4,6-Tribromophenol	150	181.53	121		32	145
			Terphenyl-d14	100	76.16	76		36	145
P2878-03	348	BP020634.D	2-Fluorophenol	150	130.90	87		10	139
			Phenol-d6	150	110.02	73		10	134
			Nitrobenzene-d5	100	88.99	89		49	133
			2-Fluorobiphenyl	100	87.32	87		52	132
			2,4,6-Tribromophenol	150	181.51	121		32	145
			Terphenyl-d14	100	85.41	85		36	145
P2889-04	WCS-TPJ	BP020635.D	2-Fluorophenol	150	138.90	93		10	139
			Phenol-d6	150	114.36	76		10	134
			Nitrobenzene-d5	100	92.32	92		49	133
			2-Fluorobiphenyl	100	90.33	90		52	132
			2,4,6-Tribromophenol	150	196.12	131		32	145
			Terphenyl-d14	100	90.77	91		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP061424

Lab Code: CHEM

SAS No.: BP061424

SDG NO.: BP061424

Lab File ID: BP020622.D

DFTPP Injection Date: 06/14/2024

Instrument ID: BNA_P

DFTPP Injection Time: 11:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.2
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.9
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	6.3
275	10.0 - 60.0% of mass 198	28.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP020623.D	06/14/2024	11:46
PB161492BL	PB161492BL	BP020624.D	06/14/2024	13:50
PB161492BS	PB161492BS	BP020625.D	06/14/2024	14:33
348	P2878-01	BP020626.D	06/14/2024	15:21
WCS-TPJ	P2889-01	BP020627.D	06/14/2024	16:04
WCS-TPJMS	P2889-01MS	BP020628.D	06/14/2024	16:48
WCS-TPJMSD	P2889-01MSD	BP020629.D	06/14/2024	17:32
WC-H	P2864-04	BP020630.D	06/14/2024	18:17
WC-HMS	P2864-04MS	BP020631.D	06/14/2024	19:01
WC-HMSD	P2864-04MSD	BP020632.D	06/14/2024	19:45
WC-I	P2864-08	BP020633.D	06/14/2024	20:29
348	P2878-03	BP020634.D	06/14/2024	21:12
WCS-TPJ	P2889-04	BP020635.D	06/14/2024	21:56