

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061024 SAS No.: BF061024 SDG No.: BF061024
Instrument ID: BNA_F Calibration Date/Time: 6/10/2024 1:14:38
Lab File ID: BF138171.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.647	0.756		16.847	
Pyridine	1.318	1.577		19.651	
2-Fluorophenol	1.174	1.370		16.695	
Benzaldehyde	0.791	0.930		17.573	
Aniline	1.505	1.769		17.542	
Phenol-d6	1.485	1.758		18.384	
Phenol	1.525	1.807		18.492	20.0
bis(2-Chloroethyl) ether	1.223	1.423		16.353	
2-Chlorophenol	1.270	1.457		14.724	
1,2-Dichlorobenzene	1.375	1.584		15.2	
1,3-Dichlorobenzene	1.455	1.680		15.464	
1,4-Dichlorobenzene	1.465	1.685		15.017	20.0
Benzyl Alcohol	1.051	1.180		12.274	
2-Methylphenol	1.028	1.172		14.008	
2,2-oxybis(1-Chloropropane)	1.795	2.087		16.267	
Acetophenone	0.460	0.537		16.739	
3+4-Methylphenols	1.279	1.495		16.888	
n-Nitroso-di-n-propylamine	0.947	1.075	0.050	13.516	
Nitrobenzene-d5	0.294	0.407		38.435	
Hexachloroethane	0.500	0.544		8.8	
Nitrobenzene	0.320	0.428		33.75	
Isophorone	0.648	0.733		13.117	
2-Nitrophenol	0.108	0.115		6.481	20.0
2,4-Dimethylphenol	0.225	0.256		13.778	
bis(2-Chloroethoxy) methane	0.394	0.461		17.005	
2,4-Dichlorophenol	0.271	0.316		16.605	20.0
1,2,4-Trichlorobenzene	0.327	0.373		14.067	
Benzoic acid	0.148	0.137		-7.432	
Naphthalene	0.967	1.132		17.063	
4-Chloroaniline	0.364	0.428		17.582	
Hexachlorobutadiene	0.192	0.213		10.937	20.0
Caprolactam	0.091	0.100		9.89	
4-Chloro-3-methylphenol	0.278	0.324		16.547	20.0
2-Methylnaphthalene	0.652	0.746		14.417	
Hexachlorocyclopentadiene	0.186	0.177	0.050	-4.839	
2,4,6-Trichlorophenol	0.343	0.390		13.703	20.0
2-Fluorobiphenyl	1.144	1.304		13.986	
2,4,5-Trichlorophenol	0.378	0.432		14.286	
1,1-Biphenyl	1.405	1.625		15.658	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF061024 SAS No.: BF061024 SDG No.: BF061024

Instrument ID: BNA_F Calibration Date/Time: 6/10/2024 1:14:38

Lab File ID: BF138171.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.120	1.294		15.536	
2-Nitroaniline	0.229	0.318		38.865	
Dimethylphthalate	1.257	1.394		10.899	
Acenaphthylene	1.584	1.856		17.172	
2,6-Dinitrotoluene	0.235	0.304		29.362	
3-Nitroaniline	0.240	0.338		40.833	
Acenaphthene	1.071	1.229		14.753	20.0
2,4-Dinitrophenol	0.060	0.069	0.050	15.0	
4-Nitrophenol	0.191	0.249	0.050	30.366	
Dibenzofuran	1.514	1.722		13.738	
2,4-Dinitrotoluene	0.272	0.392		44.118	
Diethylphthalate	1.227	1.361		10.921	
4-Chlorophenyl-phenylether	0.611	0.663		8.511	
Fluorene	1.203	1.370		13.882	
4-Nitroaniline	0.235	0.355		51.064	
4,6-Dinitro-2-methylphenol	0.063	0.068		7.937	
n-Nitrosodiphenylamine	0.597	0.672		12.563	20.0
Azobenzene	1.182	1.407		19.036	
2,4,6-Tribromophenol	0.192	0.210		9.375	
4-Bromophenyl-phenylether	0.228	0.245		7.456	
Hexachlorobenzene	0.265	0.283		6.792	
Atrazine	0.192	0.194		1.042	
Pentachlorophenol	0.142	0.156		9.859	20.0
Phenanthrene	0.963	1.088		12.98	
Anthracene	0.960	1.096		14.167	
Carbazole	0.878	1.040		18.451	
Di-n-butylphthalate	1.032	1.089		5.523	
Fluoranthene	1.039	1.177		13.282	20.0
Benzidine	0.206	0.331		60.68	
Pyrene	1.809	1.882		4.035	
Terphenyl-d14	1.337	1.286		-3.815	
Butylbenzylphthalate	0.597	0.538		-9.883	
3,3-Dichlorobenzidine	0.320	0.399		24.688	
Benzo(a)anthracene	1.262	1.412		11.886	
Chrysene	1.211	1.368		12.964	
Bis(2-ethylhexyl)phthalate	0.870	0.774		-11.034	
Di-n-octyl phthalate	1.198	1.033		-13.773	20.0
Benzo(b)fluoranthene	1.257	1.462		16.309	
Benzo(k)fluoranthene	1.199	1.296		8.09	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF061024 SAS No.: BF061024 SDG No.: BF061024
 Instrument ID: BNA_F Calibration Date/Time: 6/10/2024 14:38
 Lab File ID: BF138171.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.952	1.199		25.945	20.0
Indeno(1,2,3-cd)pyrene	0.940	1.446		53.83	
Dibenzo(a,h)anthracene	0.748	1.197		60.027	
Benzo(g,h,i)perylene	0.785	1.217		55.032	
1,2,4,5-Tetrachlorobenzene	0.565	0.633		12.035	
1,4-Dioxane	0.538	0.656		21.933	20.0
2,3,4,6-Tetrachlorophenol	0.298	0.340		14.094	
1-Methylnaphthalene	0.639	0.730		14.241	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	PB161401TB	SDG No.:	BF061024
Lab Sample ID:	PB161401TB	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
BF138172.D	1	6/10/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161426

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:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	PB161401TB	SDG No.:	BF061024
Lab Sample ID:	PB161401TB	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
BF138172.D	1	6/10/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161426

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:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	PB161401TB	SDG No.:	BF061024
Lab Sample ID:	PB161401TB	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
BF138172.D	1	6/10/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161426

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.836		10-139		85	SPK: -150
13127-88-3	Phenol-d6	124.154		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	96.019		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	86.592		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	PB161401TB	SDG No.:	BF061024
Lab Sample ID:	PB161401TB	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
BF138172.D	1	6/10/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161426

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.687		32-145		65	SPK: -150
1718-51-0	Terphenyl-d14	64.414		36-145		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	390352	6.898				
1146-65-2	Naphthalene-d8	1487364	8.175				
15067-26-2	Acenaphthene-d10	797339	9.933				
1517-22-2	Phenanthrene-d10	1386520	11.416				
1719-03-5	Chrysene-d12	1012572	14.057				
1520-96-3	Perylene-d12	906607	15.533				



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	WC-3-(10-15)-COMP		SDG No.:	BF061024	
Lab Sample ID:	P2795-07		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	13.5	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138173.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.3	U	92.3	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	95.8	U	95.8	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.7	U	96.7	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.5	U	96.5	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.8	U	97.8	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.4	U	99.4	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.9	U	95.9	310	380	ug/Kg
95-48-7	2-Methylphenol	93.1	U	93.1	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.2	U	92.2	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.6	U	46.6	92.5	92.5	ug/Kg
67-72-1	Hexachloroethane	95.9	U	95.9	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.8	U	97.8	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.2	U	99.2	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.3	U	87.3	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.7	U	98.7	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95.5	U	95.5	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.5	U	95.5	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.3	U	96.3	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138173.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.3	U	89.3	310	380	ug/Kg
85-01-8	Phenanthrene	97.1	U	97.1	150	200	ug/Kg
120-12-7	Anthracene	97.5	U	97.5	150	200	ug/Kg
86-74-8	Carbazole	92.8	U	92.8	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.4	U	97.4	150	200	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	95.9	U	95.9	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.3	U	93.3	150	200	ug/Kg
218-01-9	Chrysene	91.9	U	91.9	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93.7	U	93.7	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	95.5	U	95.5	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.3	U	90.3	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.8	U	93.8	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.6	U	92.6	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.3	U	86.3	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.2	U	96.2	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.796		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.398		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	71.453		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	69.753		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138173.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.407		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	58.034		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371647	6.898				
1146-65-2	Naphthalene-d8	1441250	8.175				
15067-26-2	Acenaphthene-d10	777841	9.933				
1517-22-2	Phenanthrene-d10	1269823	11.416				
1719-03-5	Chrysene-d12	739877	14.051				
1520-96-3	Perylene-d12	724469	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.204	
000057-55-6	Propylene Glycol	100	J			3.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.122	
	unknown10.033	710	J			10.033	
000057-10-3	n-Hexadecanoic acid	86.7	J			11.945	
007683-64-9	Supraene	86.3	J			14.921	



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	WC-3-(10-15)-COMPMS			SDG No.:	BF061024
Lab Sample ID:	P2795-07MS			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	13.5
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138174.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		100	310	380	ug/Kg
110-86-1	Pyridine	1400		92.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	1700		95.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		96.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	1700		96.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		97.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		99.2	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		99.8	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1700		95.8	310	380	ug/Kg
95-48-7	2-Methylphenol	1600		93	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		100	150	200	ug/Kg
98-86-2	Acetophenone	1600		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1700		92.1	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		46.5	92.3	92.3	ug/Kg
67-72-1	Hexachloroethane	1500		95.8	150	200	ug/Kg
98-95-3	Nitrobenzene	1700		100	150	200	ug/Kg
78-59-1	Isophorone	1600		97.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	1500		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		99	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		87.1	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		98.5	150	200	ug/Kg
65-85-0	Benzoic acid	1400		270	310	380	ug/Kg
91-20-3	Naphthalene	1600		95.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	520		95.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1500		96.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMS	SDG No.:	BF061024
Lab Sample ID:	P2795-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138174.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		89.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	1600		95.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3800	E	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		82.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		85.4	150	200	ug/Kg
92-52-4	1,1-Biphenyl	1600		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1600		96.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	1600		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1600		94.3	150	200	ug/Kg
208-96-8	Acenaphthylene	1700		99.8	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		96	150	200	ug/Kg
99-09-2	3-Nitroaniline	1000		100	150	200	ug/Kg
83-32-9	Acenaphthene	1700		93.6	150	200	ug/Kg
Total PAH	Total PAH	26000		1531.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	2500		280	310	380	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	310	380	ug/Kg
132-64-9	Dibenzofuran	1600		97.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		195.5	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.5	150	200	ug/Kg
84-66-2	Diethylphthalate	1600		92.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		98.8	150	200	ug/Kg
86-73-7	Fluorene	1600		98.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	1800		120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		94.1	150	200	ug/Kg
103-33-3	Azobenzene	1700		91.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		91	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1600		98.1	150	200	ug/Kg
1912-24-9	Atrazine	1700		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMS	SDG No.:	BF061024
Lab Sample ID:	P2795-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138174.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000		89.2	310	380	ug/Kg
85-01-8	Phenanthrene	1700		96.9	150	200	ug/Kg
120-12-7	Anthracene	1700		97.4	150	200	ug/Kg
86-74-8	Carbazole	1600		92.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1600		97.3	150	200	ug/Kg
206-44-0	Fluoranthene	1400		94.3	150	200	ug/Kg
92-87-5	Benzidine	3200	E	190	310	380	ug/Kg
129-00-0	Pyrene	1500		95.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1500		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	1700		93.1	150	200	ug/Kg
218-01-9	Chrysene	1700		91.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		93.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		95.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		90.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		93.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		92.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1400		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		86.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1500		96	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.471		18-112		74	SPK: -150
13127-88-3	Phenol-d6	112.927		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	82.918		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	76.161		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMS	SDG No.:	BF061024
Lab Sample ID:	P2795-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138174.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.217		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	65.275		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	398941	6.898				
1146-65-2	Naphthalene-d8	1556412	8.181				
15067-26-2	Acenaphthene-d10	855226	9.933				
1517-22-2	Phenanthrene-d10	1430270	11.422				
1719-03-5	Chrysene-d12	801330	14.057				
1520-96-3	Perylene-d12	839198	15.533				

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMSD	SDG No.:	BF061024
Lab Sample ID:	P2795-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138175.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		100	310	380	ug/Kg
110-86-1	Pyridine	1400		92.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	1800		95.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		96.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	1700		96.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		97.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		99.3	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		99.9	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1700		95.8	310	380	ug/Kg
95-48-7	2-Methylphenol	1700		93.1	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		100	150	200	ug/Kg
98-86-2	Acetophenone	1600		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1700		92.1	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		46.5	92.4	92.4	ug/Kg
67-72-1	Hexachloroethane	1600		95.8	150	200	ug/Kg
98-95-3	Nitrobenzene	1700		100	150	200	ug/Kg
78-59-1	Isophorone	1600		97.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	1600		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		99.1	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		87.2	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		98.6	150	200	ug/Kg
65-85-0	Benzoic acid	1500		270	310	380	ug/Kg
91-20-3	Naphthalene	1600		95.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	500		95.4	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1500		96.2	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMSD	SDG No.:	BF061024
Lab Sample ID:	P2795-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138175.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		89.5	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	1600		95.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		82.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		85.4	150	200	ug/Kg
92-52-4	1,1-Biphenyl	1700		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1600		96.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	1700		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1600		94.3	150	200	ug/Kg
208-96-8	Acenaphthylene	1800		99.9	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		96.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	1000		100	150	200	ug/Kg
83-32-9	Acenaphthene	1700		93.6	150	200	ug/Kg
Total PAH	Total PAH	26300		1532.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	2700		280	310	380	ug/Kg
100-02-7	4-Nitrophenol	3700	E	130	310	380	ug/Kg
132-64-9	Dibenzofuran	1600		97.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.5	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		195.6	150	400	ug/Kg
84-66-2	Diethylphthalate	1600		92.5	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		98.8	150	200	ug/Kg
86-73-7	Fluorene	1600		98.7	150	200	ug/Kg
100-01-6	4-Nitroaniline	1900		120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		94.2	150	200	ug/Kg
103-33-3	Azobenzene	1700		91.9	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		91.1	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.1	150	200	ug/Kg
1912-24-9	Atrazine	1700		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMSD	SDG No.:	BF061024
Lab Sample ID:	P2795-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138175.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	89.2	310	380	ug/Kg
85-01-8	Phenanthrene	1700		97	150	200	ug/Kg
120-12-7	Anthracene	1700		97.4	150	200	ug/Kg
86-74-8	Carbazole	1600		92.7	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1600		97.3	150	200	ug/Kg
206-44-0	Fluoranthene	1500		94.3	150	200	ug/Kg
92-87-5	Benzidine	3200	E	190	310	380	ug/Kg
129-00-0	Pyrene	1500		95.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1500		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	1700		93.2	150	200	ug/Kg
218-01-9	Chrysene	1700		91.8	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		93.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		95.4	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		90.2	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		93.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		92.5	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1400		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		86.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1500		96.1	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.08		18-112		75	SPK: -150
13127-88-3	Phenol-d6	114.363		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	84.365		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	75.764		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-3-(10-15)-COMPMSD	SDG No.:	BF061024
Lab Sample ID:	P2795-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138175.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.612		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	66.207		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	379959	6.898				
1146-65-2	Naphthalene-d8	1509108	8.181				
15067-26-2	Acenaphthene-d10	827792	9.933				
1517-22-2	Phenanthrene-d10	1413274	11.422				
1719-03-5	Chrysene-d12	794440	14.057				
1520-96-3	Perylene-d12	862430	15.533				

Report of Analysis

Client:				Date Collected:	6/7/2024 12:00:00 AM		
Project:				Date Received:	6/7/2024 12:00:00 AM		
Client Sample ID:	WCS-TPD			SDG No.:	BF061024		
Lab Sample ID:	P2784-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.2		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138176.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.6	U	62.6	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.7	U	58.7	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.2	U	60.2	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.4	U	55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.8	U	53.8	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WCS-TPD	SDG No.:	BF061024
Lab Sample ID:	P2784-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138176.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.3	U	53.3	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.8	U	47.8	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.8	U	53.8	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.6	U	57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.4	U	52.4	83.9	110	ug/Kg
Total PAH	Total PAH	855.3	U	855.3	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.9	U	74.9	170	210	ug/Kg
132-64-9	Dibenzofuran	54.5	U	54.5	83.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.3	U	55.3	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69.1	U	69.1	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.7	U	52.7	83.9	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.9	U	54.9	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:				Date Collected:	6/7/2024 12:00:00 AM		
Project:				Date Received:	6/7/2024 12:00:00 AM		
Client Sample ID:	WCS-TPD			SDG No.:	BF061024		
Lab Sample ID:	P2784-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.2		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138176.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	54.2	U	54.2	83.9	110	ug/Kg
120-12-7	Anthracene	54.5	U	54.5	83.9	110	ug/Kg
86-74-8	Carbazole	51.8	U	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	52.7	U	52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	53.6	U	53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.5	U	62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.1	U	52.1	83.9	110	ug/Kg
218-01-9	Chrysene	51.3	U	51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.4	U	52.4	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.3	U	53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.4	U	50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.4	U	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.7	U	51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.133		18-112		52	SPK: -150
13127-88-3	Phenol-d6	79.158		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	57.758		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	55.658		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WCS-TPD	SDG No.:	BF061024
Lab Sample ID:	P2784-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138176.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.849		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	43.836		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	389268	6.893				
1146-65-2	Naphthalene-d8	1483896	8.175				
15067-26-2	Acenaphthene-d10	798736	9.928				
1517-22-2	Phenanthrene-d10	1256992	11.416				
1719-03-5	Chrysene-d12	724540	14.051				
1520-96-3	Perylene-d12	757703	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.193	
004254-14-2	R-(-)-1,2-propanediol	150	J			3.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	64.6	A			5.11	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	72.1	J			6.716	
000770-35-4	1-Phenoxypropan-2-ol	69.9	J			8.487	
	unknown10.034	1100	J			10.034	
000057-10-3	n-Hexadecanoic acid	73.8	J			11.945	
000301-02-0	9-Octadecenamide, (Z)-	140	J			13.48	
1000382-90-3	Carbonic acid, hexadecyl prop-1-en	44.3	J			13.904	
007683-64-9	Supraene	52.3	J			14.916	



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	WC-1-(0-5)-COMP		SDG No.:	BF061024	
Lab Sample ID:	P2795-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	16.7	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138177.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	95.7	U	95.7	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.3	U	99.3	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.4	U	99.4	320	400	ug/Kg
95-48-7	2-Methylphenol	96.5	U	96.5	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.5	U	95.5	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.3	U	48.3	95.8	95.8	ug/Kg
67-72-1	Hexachloroethane	99.4	U	99.4	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.4	U	90.4	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	400	ug/Kg
91-20-3	Naphthalene	98.9	U	98.9	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.9	U	98.9	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.7	U	99.7	160	200	ug/Kg



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	WC-1-(0-5)-COMP		SDG No.:	BF061024	
Lab Sample ID:	P2795-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	16.7	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138177.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.8	U	92.8	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.8	U	98.8	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.5	U	85.5	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.6	U	88.6	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.7	U	99.7	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.8	U	97.8	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.6	U	99.6	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.1	U	97.1	160	200	ug/Kg
Total PAH	Total PAH	1577.6	U	1577.6	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.6	U	199.6	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	95.9	U	95.9	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.7	U	97.7	160	200	ug/Kg
103-33-3	Azobenzene	95.3	U	95.3	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.5	U	94.5	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-1-(0-5)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138177.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.6	U	92.6	320	400	ug/Kg
85-01-8	Phenanthrene	200		100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.1	U	96.1	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	230		97.8	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	190	J	99.4	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	96.6	160	200	ug/Kg
218-01-9	Chrysene	120	J	95.2	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	97.1	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.9	U	98.9	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.5	U	93.5	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.2	U	97.2	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.9	U	95.9	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.4	U	89.4	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.6	U	99.6	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.433		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.714		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	55.844		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	54.802		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-1-(0-5)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138177.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.39		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	45.888		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	411428	6.892				
1146-65-2	Naphthalene-d8	1584123	8.175				
15067-26-2	Acenaphthene-d10	847329	9.927				
1517-22-2	Phenanthrene-d10	1370433	11.416				
1719-03-5	Chrysene-d12	754087	14.051				
1520-96-3	Perylene-d12	832775	15.527				

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-2-(5-10)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
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
BF138178.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.9	U	94.9	150	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	150	200	ug/Kg
108-95-2	Phenol	98.5	U	98.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99.4	U	99.4	150	200	ug/Kg
95-57-8	2-Chlorophenol	99.2	U	99.2	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98.6	U	98.6	320	390	ug/Kg
95-48-7	2-Methylphenol	95.7	U	95.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	94.8	U	94.8	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.9	U	47.9	95	95	ug/Kg
67-72-1	Hexachloroethane	98.6	U	98.6	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	100	U	100	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.7	U	89.7	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	98.1	U	98.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	98.1	U	98.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.9	U	98.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-2-(5-10)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
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
BF138178.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.1	U	92.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	98	U	98	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.8	U	84.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.9	U	98.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	97	U	97	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.8	U	98.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	96.3	U	96.3	150	200	ug/Kg
Total PAH	Total PAH	1568.9	U	1568.9	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.8	U	198.8	150	400	ug/Kg
84-66-2	Diethylphthalate	95.1	U	95.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.9	U	96.9	150	200	ug/Kg
103-33-3	Azobenzene	94.6	U	94.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.7	U	93.7	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-2-(5-10)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
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
BF138178.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.8	U	91.8	320	390	ug/Kg
85-01-8	Phenanthrene	99.8	U	99.8	150	200	ug/Kg
120-12-7	Anthracene	100	U	100	150	200	ug/Kg
86-74-8	Carbazole	95.4	U	95.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	150	200	ug/Kg
206-44-0	Fluoranthene	97	U	97	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	98.6	U	98.6	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95.9	U	95.9	150	200	ug/Kg
218-01-9	Chrysene	94.4	U	94.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.3	U	96.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.1	U	98.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.8	U	92.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.5	U	96.5	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.1	U	95.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.7	U	88.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.8	U	98.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.811		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.623		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	56.857		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	54.713		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	WC-2-(5-10)-COMP	SDG No.:	BF061024
Lab Sample ID:	P2795-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
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
BF138178.D	1	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.907		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	43.345		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	406910	6.893				
1146-65-2	Naphthalene-d8	1558151	8.175				
15067-26-2	Acenaphthene-d10	851306	9.934				
1517-22-2	Phenanthrene-d10	1411157	11.416				
1719-03-5	Chrysene-d12	822689	14.051				
1520-96-3	Perylene-d12	796860	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.116	

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	TR-04-060724	SDG No.:	BF061024
Lab Sample ID:	P2794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138179.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.7	U	53.7	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	TR-04-060724		SDG No.:	BF061024	
Lab Sample ID:	P2794-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	10	
Sample Wt/Vol:	50.04	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138179.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.1	U	95.1	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.6	U	98.6	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	6080	U	1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	TR-04-060724	SDG No.:	BF061024
Lab Sample ID:	P2794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138179.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	480		110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	1100		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	740		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	580		110	170	230	ug/Kg
218-01-9	Chrysene	590		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	750		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	620		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	500		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.5	U	99.5	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.606		18-112		66	SPK: -150
13127-88-3	Phenol-d6	97.86		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	66.798		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	82.256		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	TR-04-060724	SDG No.:	BF061024
Lab Sample ID:	P2794-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138179.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.398		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	53.512		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	355711	6.898				
1146-65-2	Naphthalene-d8	1337309	8.175				
15067-26-2	Acenaphthene-d10	635695	9.928				
1517-22-2	Phenanthrene-d10	906816	11.416				
1719-03-5	Chrysene-d12	731879	14.057				
1520-96-3	Perylene-d12	566947	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.169	
000112-39-0	Hexadecanoic acid, methyl ester	210	J			11.81	
002531-84-2	Phenanthrene, 2-methyl-	150	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			12.028	
002566-97-4	9,12-Octadecadienoic acid, methyl	1000	J			12.498	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	630	J			12.522	
007683-64-9	Supraene	170	J			14.916	
1010144-57-9	16-Heptadecenal	96.4	J			14.992	
000192-97-2	Benzo[e]pyrene	450	J			15.404	



Client:				Date Collected:	6/7/2024 12:00:00 AM	
Project:				Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	SU-04-06072024			SDG No.:	BF061024	
Lab Sample ID:	P2787-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	10.9	
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
BF138180.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	54.2	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg



Client:				Date Collected:	6/7/2024 12:00:00 AM	
Project:				Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	SU-04-06072024			SDG No.:	BF061024	
Lab Sample ID:	P2787-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	10.9	
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
BF138180.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.1	U	96.1	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.6	U	99.6	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	140	J	110	170	230	ug/Kg
Total PAH	Total PAH	9020		1800	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	230		120	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg



Client:				Date Collected:	6/7/2024 12:00:00 AM	
Project:				Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	SU-04-06072024			SDG No.:	BF061024	
Lab Sample ID:	P2787-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	10.9	
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
BF138180.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	1400		110	170	230	ug/Kg
120-12-7	Anthracene	410		110	170	230	ug/Kg
86-74-8	Carbazole	190	J	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	1600		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	1100		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	730		110	170	230	ug/Kg
218-01-9	Chrysene	600		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	750		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	720		130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	490		110	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.766		18-112		65	SPK: -150
13127-88-3	Phenol-d6	97.634		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	67.356		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	82.32		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SU-04-06072024	SDG No.:	BF061024
Lab Sample ID:	P2787-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF138180.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.026		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	58.024		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	342182	6.898				
1146-65-2	Naphthalene-d8	1248920	8.175				
15067-26-2	Acenaphthene-d10	595308	9.933				
1517-22-2	Phenanthrene-d10	924157	11.416				
1719-03-5	Chrysene-d12	690047	14.057				
1520-96-3	Perylene-d12	528780	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.163	
000132-65-0	Dibenzothiophene	98.2	J			11.316	
002531-84-2	Phenanthrene, 2-methyl-	140	J			11.916	
000832-69-9	Phenanthrene, 1-methyl-	240	J			11.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	350	J			12.028	
000612-94-2	Naphthalene, 2-phenyl-	98.2	J			12.216	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			12.469	
	unknown	12.504	J			12.504	
000243-17-4	11H-Benzo[b]fluorene	130	J			13.186	
033543-31-6	Fluoranthene, 2-methyl-	120	J			13.251	
000192-97-2	Benzo[e]pyrene	450	J			15.404	

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BF061024
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138181.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	55.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg



Client:				Date Collected:	6/7/2024 12:00:00 AM	
Project:				Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	HD-02-060724			SDG No.:	BF061024	
Lab Sample ID:	P2786-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12.9	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138181.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.3	U	98.3	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	7710	U	1820	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BF061024
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138181.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	830		120	180	230	ug/Kg
120-12-7	Anthracene	240		120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	1300		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	1300		110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	760		110	180	230	ug/Kg
218-01-9	Chrysene	680		110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	730		110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	710		130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470		110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.916		18-112		59	SPK: -150
13127-88-3	Phenol-d6	87.73		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.29		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	64.814		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BF061024
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138181.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.26		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	48.306		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371351	6.898				
1146-65-2	Naphthalene-d8	1360026	8.181				
15067-26-2	Acenaphthene-d10	655871	9.933				
1517-22-2	Phenanthrene-d10	1052383	11.416				
1719-03-5	Chrysene-d12	716173	14.057				
1520-96-3	Perylene-d12	559324	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.163	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	320	J			9.369	
002531-84-2	Phenanthrene, 2-methyl-	270	J			11.922	
000613-12-7	Anthracene, 2-methyl-	340	J			11.945	
000610-48-0	Anthracene, 1-methyl-	140	J			11.992	
	unknown12.027	480	J			12.027	
000832-69-9	Phenanthrene, 1-methyl-	160	J			12.051	
000612-94-2	Naphthalene, 2-phenyl-	160	J			12.216	
000084-65-1	9,10-Anthracenedione	110	J			12.233	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			12.469	
	unknown12.504	220	J			12.504	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			12.551	
000243-17-4	11H-Benzo[b]fluorene	160	J			13.08	
002381-21-7	Pyrene, 1-methyl-	180	J			13.186	
003353-12-6	Pyrene, 4-methyl-	160	J			13.292	
000238-84-6	11H-Benzo[a]fluorene	100	J			13.416	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			13.692	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	130	J			13.804	
003697-24-3	Chrysene, 5-methyl-	97.3	J			14.445	

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	HD-02-060724	SDG No.:	BF061024
Lab Sample ID:	P2786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138181.D	2	6/8/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161404

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	460	J			15.41	

Hit Summary Sheet SW-846

SDG No.: BF061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WCS-TPD								
P2784-01	WCS-TPD	Solid	1-Phenoxypropan-2-ol	*	69.900	J		
P2784-01	WCS-TPD	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	64.600	A		
P2784-01	WCS-TPD	Solid	9-Octadecenamide, (Z)-	*	140.000	J		
P2784-01	WCS-TPD	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2784-01	WCS-TPD	Solid	Carbonic acid, hexadecyl prop-1-ε	*	44.300	J		
P2784-01	WCS-TPD	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	72.100	J		
P2784-01	WCS-TPD	Solid	n-Hexadecanoic acid	*	73.800	J		
P2784-01	WCS-TPD	Solid	R-(-)-1,2-propanediol	*	150.000	J		
P2784-01	WCS-TPD	Solid	Supraene	*	52.300	J		
P2784-01	WCS-TPD	Solid	unknown10.034	*	1,100.000	J		
Total Tics :					2,867.00			
Total Concentration:					2,867.00			
Client ID : HD-02-060724								
P2786-01	HD-02-060724	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P2786-01	HD-02-060724	Solid	11H-Benzo[a]fluorene	*	100.000	J		
P2786-01	HD-02-060724	Solid	11H-Benzo[b]fluorene	*	160.000	J		
P2786-01	HD-02-060724	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	320.000	J		
P2786-01	HD-02-060724	Solid	9,10-Anthracenedione	*	110.000	J		
P2786-01	HD-02-060724	Solid	Anthracene, 1-methyl-	*	140.000	J		
P2786-01	HD-02-060724	Solid	Anthracene, 2-methyl-	*	340.000	J		
P2786-01	HD-02-060724	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J		
P2786-01	HD-02-060724	Solid	Benzo[e]pyrene	*	460.000	J		
P2786-01	HD-02-060724	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2786-01	HD-02-060724	Solid	Chrysene, 5-methyl-	*	97.300	J		
P2786-01	HD-02-060724	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P2786-01	HD-02-060724	Solid	Naphthalene, 2-phenyl-	*	160.000	J		
P2786-01	HD-02-060724	Solid	Phenanthrene, 1-methyl-	*	160.000	J		
P2786-01	HD-02-060724	Solid	Phenanthrene, 2,5-dimethyl-	*	230.000	J		
P2786-01	HD-02-060724	Solid	Phenanthrene, 2-methyl-	*	270.000	J		
P2786-01	HD-02-060724	Solid	Pyrene, 1-methyl-	*	180.000	J		
P2786-01	HD-02-060724	Solid	Pyrene, 4-methyl-	*	160.000	J		
P2786-01	HD-02-060724	Solid	unknown12.027	*	480.000	J		
P2786-01	HD-02-060724	Solid	unknown12.504	*	220.000	J		
Total Tics :					5,207.30			
P2786-01	HD-02-060724	Solid	Anthracene		240.000	120	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(a)anthracene		760.000	110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(a)pyrene		710.000	130	230	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2786-01	HD-02-060724	Solid	Benzo(b)fluoranthene	730.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(g,h,i)perylene	470.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Benzo(k)fluoranthene	240.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Chrysene	680.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Fluoranthene	1,300.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Indeno(1,2,3-cd)pyrene	450.000		110	230	ug/Kg
P2786-01	HD-02-060724	Solid	Phenanthrene	830.000		120	230	ug/Kg
P2786-01	HD-02-060724	Solid	Pyrene	1,300.000		110	230	ug/Kg
Total Svoc :				7,710.00				
Total Concentration:				12,917.30				
Client ID : SU-04-06072024								
P2787-01	SU-04-06072024	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2787-01	SU-04-06072024	Solid	4H-Cyclopenta[def]phenanthrene	*	350.000	J		
P2787-01	SU-04-06072024	Solid	Benzo[e]pyrene	*	450.000	J		
P2787-01	SU-04-06072024	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2787-01	SU-04-06072024	Solid	Dibenzothiophene	*	98.200	J		
P2787-01	SU-04-06072024	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2787-01	SU-04-06072024	Solid	Naphthalene, 2-phenyl-	*	98.200	J		
P2787-01	SU-04-06072024	Solid	Phenanthrene, 1-methyl-	*	240.000	J		
P2787-01	SU-04-06072024	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		
P2787-01	SU-04-06072024	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P2787-01	SU-04-06072024	Solid	unknown12.504	*	98.700	J		
Total Tics :				3,135.10				
P2787-01	SU-04-06072024	Solid	Acenaphthene		140.000	J 110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Anthracene		410.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(a)anthracene		730.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(a)pyrene		720.000	130	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(b)fluoranthene		750.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(g,h,i)perylene		520.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Benzo(k)fluoranthene		330.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Carbazole		190.000	J 110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Chrysene		600.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Fluoranthene		1,600.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Fluorene		230.000	120	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Indeno(1,2,3-cd)pyrene		490.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Phenanthrene		1,400.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Pyrene		1,100.000	110	230	ug/Kg
P2787-01	SU-04-06072024	Solid	Total PAH		9,020.000	1800	3680	ug/Kg
Total Svoc :				18,230.00				

Hit Summary Sheet SW-846

SDG No.: BF061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				21,365.10				
Client ID :	TR-04-060724							
P2794-01	TR-04-060724	Solid	16-Heptadecenal	*	96.400	J		
P2794-01	TR-04-060724	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P2794-01	TR-04-060724	Solid	9,12-Octadecadienoic acid, methyl	*	1,000.000	J		
P2794-01	TR-04-060724	Solid	9-Octadecenoic acid (Z)-, methyl	*	630.000	J		
P2794-01	TR-04-060724	Solid	Benzo[e]pyrene	*	450.000	J		
P2794-01	TR-04-060724	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2794-01	TR-04-060724	Solid	Hexadecanoic acid, methyl ester	*	210.000	J		
P2794-01	TR-04-060724	Solid	Phenanthrene, 2-methyl-	*	150.000	J		
P2794-01	TR-04-060724	Solid	Supraene	*	170.000	J		
Total Tics :				4,126.40				
P2794-01	TR-04-060724	Solid	Benzo(a)anthracene		580.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(a)pyrene		620.000		120	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(b)fluoranthene		750.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(g,h,i)perylene		500.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Benzo(k)fluoranthene		270.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Chrysene		590.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Fluoranthene		1,100.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Indeno(1,2,3-cd)pyrene		450.000		100	ug/Kg
P2794-01	TR-04-060724	Solid	Phenanthrene		480.000		110	ug/Kg
P2794-01	TR-04-060724	Solid	Pyrene		740.000		110	ug/Kg
Total Svoc :				6,080.00				
Total Concentration:				10,206.40				
Client ID :	WC-1-(0-5)-COMP							
P2795-01	WC-1-(0-5)-COMP	Solid	Benzo(a)anthracene		130.000	J	96.6	ug/Kg
P2795-01	WC-1-(0-5)-COMP	Solid	Benzo(a)pyrene		120.000	J	110	ug/Kg
P2795-01	WC-1-(0-5)-COMP	Solid	Benzo(b)fluoranthene		130.000	J	97.1	ug/Kg
P2795-01	WC-1-(0-5)-COMP	Solid	Chrysene		120.000	J	95.2	ug/Kg
P2795-01	WC-1-(0-5)-COMP	Solid	Fluoranthene		230.000		97.8	ug/Kg
P2795-01	WC-1-(0-5)-COMP	Solid	Phenanthrene		200.000		100	ug/Kg
P2795-01	WC-1-(0-5)-COMP	Solid	Pyrene		190.000	J	99.4	ug/Kg
Total Svoc :				1,120.00				
Total Concentration:				1,120.00				
Client ID :	WC-2-(5-10)-COMP							
P2795-04	WC-2-(5-10)-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P2795-04	WC-2-(5-10)-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
Total Tics :				2,030.00				
Total Concentration:				2,030.00				

Hit Summary Sheet SW-846

SDG No.: BF061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-3-(10-15)-COMP								
P2795-07	WC-3-(10-15)-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P2795-07	WC-3-(10-15)-COMP	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P2795-07	WC-3-(10-15)-COMP	Solid	n-Hexadecanoic acid *	86.700	J			
P2795-07	WC-3-(10-15)-COMP	Solid	Propylene Glycol *	100.000	J			
P2795-07	WC-3-(10-15)-COMP	Solid	Supraene *	86.300	J			
P2795-07	WC-3-(10-15)-COMP	Solid	unknown10.033 *	710.000	J			
Total Tics :					3,723.00			
Total Concentration:					3,723.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF060524 SAS No.: BF060524 SDG No.: BF060524
Instrument ID: _____ Calibration Date(s): 6/5/2024 1: _____
Calibration Time(s): 11:15 _____

LAB FILE ID:		RRF2.5 = BF138117.D			RRF005 = BF138118.D		RRF010 = BF138119.D	
		RRF020 = BF138120.D			RRF040 = BF138121.D		RRF050 = BF138122.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.673	0.662	0.683	0.646	0.627	0.647	4.3
Pyridine		1.358	1.336	1.388	1.306	1.273	1.318	3.6
2-Fluorophenol		1.267	1.240	1.270	1.161	1.108	1.174	7.8
Benzaldehyde			1.040	0.956	0.767	0.676	0.791	21.2
Aniline		1.584	1.523	1.567	1.499	1.474	1.505	4.2
Phenol-d6		1.616	1.559	1.595	1.470	1.416	1.485	7.6
Phenol		1.638	1.577	1.626	1.517	1.469	1.525	6.5
bis(2-Chloroethyl)ether		1.340	1.287	1.289	1.213	1.163	1.223	7.1
2-Chlorophenol		1.352	1.298	1.361	1.269	1.233	1.270	6.4
1,2-Dichlorobenzene		1.545	1.473	1.497	1.371	1.293	1.375	10.5
1,3-Dichlorobenzene		1.603	1.525	1.560	1.447	1.377	1.455	8.1
1,4-Dichlorobenzene		1.626	1.555	1.569	1.451	1.383	1.465	8.7
Benzyl Alcohol		1.119	1.084	1.128	1.062	1.023	1.051	7.4
2-Methylphenol		1.083	1.038	1.071	1.015	1.001	1.028	3.9
2,2-oxybis(1-Chloropropane)		1.983	1.862	1.917	1.774	1.710	1.795	7.5
Acetophenone		0.530	0.500	0.504	0.456	0.426	0.460	11.6
3+4-Methylphenols		1.413	1.355	1.409	1.298	1.214	1.279	10.5
n-Nitroso-di-n-propylamine	0.959	1.041	0.993	1.006	0.925	0.895	0.947	6.8
Nitrobenzene-d5		0.219	0.251	0.304	0.315	0.320	0.294	14.4
Hexachloroethane		0.508	0.499	0.527	0.502	0.496	0.500	4.0
Nitrobenzene		0.263	0.292	0.338	0.335	0.336	0.320	9.6
Isophorone		0.703	0.658	0.678	0.637	0.617	0.648	5.2
2-Nitrophenol		0.047	0.058	0.086	0.116	0.140	0.108	41.9
2,4-Dimethylphenol		0.223	0.220	0.232	0.226	0.224	0.225	2.1
bis(2-Chloroethoxy)methane		0.426	0.405	0.421	0.391	0.378	0.394	6.5
2,4-Dichlorophenol		0.251	0.260	0.285	0.280	0.272	0.271	4.6
1,2,4-Trichlorobenzene		0.348	0.340	0.351	0.325	0.311	0.327	6.5
Benzoic acid			0.056	0.097	0.137	0.179	0.148	42.5
Naphthalene		1.127	1.063	1.072	0.957	0.883	0.967	13.2
4-Chloroaniline		0.400	0.375	0.390	0.357	0.346	0.364	7.1
Hexachlorobutadiene		0.207	0.200	0.205	0.193	0.183	0.192	6.9
Caprolactam		0.086	0.085	0.093	0.091	0.089	0.091	4.5
4-Chloro-3-methylphenol		0.275	0.271	0.293	0.281	0.274	0.278	3.5
2-Methylnaphthalene		0.743	0.708	0.715	0.647	0.606	0.652	11.7
Hexachlorocyclopentadiene		0.143	0.160	0.189	0.199	0.206	0.186	13.7
2,4,6-Trichlorophenol		0.291	0.308	0.355	0.359	0.363	0.343	8.9

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.: BF060524

SAS No.: BF060524

SDG No.: BF060524

Instrument ID: _____

Calibration Date(s): 6/5/2024 1: _____

Calibration Time(s): 11:15 _____

LAB FILE ID:		RRF2.5 = BF138117.D			RRF005 = BF138118.D		RRF010 = BF138119.D	
		RRF020 = BF138120.D			RRF040 = BF138121.D		RRF050 = BF138122.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl			1.444	1.380	1.124	1.033	1.144	19.7
2,4,5-Trichlorophenol		0.327	0.357	0.393	0.394	0.390	0.378	7.3
1,1-Biphenyl		1.603	1.556	1.566	1.389	1.296	1.405	12.8
2-Chloronaphthalene		1.245	1.199	1.216	1.115	1.050	1.120	9.6
2-Nitroaniline		0.114	0.150	0.215	0.258	0.280	0.229	31.5
Dimethylphthalate		1.389	1.329	1.359	1.247	1.167	1.257	8.7
Acenaphthylene		1.769	1.697	1.742	1.576	1.485	1.584	10.4
2,6-Dinitrotoluene		0.131	0.176	0.240	0.262	0.272	0.235	25.1
3-Nitroaniline		0.149	0.185	0.247	0.263	0.272	0.240	21.9
Acenaphthene		1.175	1.145	1.170	1.057	1.016	1.071	9.2
2,4-Dinitrophenol		0.019	0.025	0.038	0.058	0.080	0.060	56.8
4-Nitrophenol			0.125	0.180	0.202	0.206	0.191	18.6
Dibenzofuran		1.726	1.663	1.664	1.508	1.394	1.514	12.0
2,4-Dinitrotoluene		0.133	0.179	0.268	0.315	0.329	0.272	31.2
Diethylphthalate		1.363	1.324	1.348	1.238	1.135	1.227	10.7
4-Chlorophenyl-phenylether		0.713	0.686	0.689	0.607	0.556	0.611	14.6
Fluorene		1.422	1.371	1.377	1.205	1.068	1.203	16.5
4-Nitroaniline		0.156	0.194	0.248	0.264	0.255	0.235	18.6
4,6-Dinitro-2-methylphenol			0.024	0.040	0.061	0.077	0.063	42.8
n-Nitrosodiphenylamine		0.653	0.626	0.629	0.595	0.575	0.597	7.0
Azobenzene		1.332	1.285	1.298	1.183	1.085	1.182	11.3
2,4,6-Tribromophenol		0.167	0.185	0.210	0.209	0.196	0.192	8.7
4-Bromophenyl-phenylether		0.237	0.231	0.236	0.228	0.225	0.228	3.5
Hexachlorobenzene		0.285	0.273	0.276	0.261	0.258	0.265	5.3
Atrazine		0.207	0.205	0.202	0.191	0.184	0.192	6.8
Pentachlorophenol		0.094	0.113	0.142	0.156	0.161	0.142	19.7
Phenanthrene		1.114	1.071	1.059	0.956	0.889	0.963	12.8
Anthracene		1.095	1.058	1.060	0.945	0.887	0.960	12.0
Carbazole		0.987	0.963	0.966	0.869	0.817	0.878	11.1
Di-n-butylphthalate		1.165	1.158	1.167	1.035	0.935	1.032	13.3
Fluoranthene		1.206	1.194	1.190	1.032	0.934	1.039	15.9
Benzidine		0.089	0.136	0.265	0.278	0.241	0.206	51.0
Pyrene		1.761	1.691	1.828	1.830	1.859	1.809	4.6
Terphenyl-d14		1.464	1.413	1.439	1.296	1.266	1.337	8.1
Butylbenzylphthalate		0.416	0.482	0.602	0.652	0.666	0.597	18.0
3,3-Dichlorobenzidine		0.303	0.312	0.339	0.322	0.315	0.320	5.3

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.: BF060524 SAS No.: BF060524 SDG No.: BF060524
Instrument ID: _____ Calibration Date(s): 6/5/2024 1: _____
Calibration Time(s): 11:15 _____

LAB FILE ID:		RRF2.5 = BF138117.D			RRF005 = BF138118.D		RRF010 = BF138119.D	
		RRF020 = BF138120.D			RRF040 = BF138121.D		RRF050 = BF138122.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.369	1.332	1.366	1.240	1.190	1.262	7.8
Chrysene		1.252	1.251	1.273	1.223	1.142	1.211	4.6
Bis(2-ethylhexyl)phthalate		0.790	0.843	0.932	0.916	0.889	0.870	6.1
Di-n-octyl phthalate		1.017	1.125	1.257	1.235	1.250	1.198	7.8
Benzo(b)fluoranthene		1.331	1.357	1.375	1.214	1.167	1.257	7.7
Benzo(k)fluoranthene		1.255	1.285	1.344	1.190	1.165	1.199	8.5
Benzo(a)pyrene		0.930	0.930	0.976	0.972	0.940	0.952	2.4
Indeno(1,2,3-cd)pyrene		0.579	0.679	0.909	1.076	1.058	0.940	24.4
Dibenzo(a,h)anthracene		0.455	0.531	0.723	0.860	0.842	0.748	25.1
Benzo(g,h,i)perylene		0.471	0.562	0.773	0.917	0.890	0.785	25.0
1,2,4,5-Tetrachlorobenzene		0.599	0.584	0.610	0.568	0.542	0.565	6.7
1,4-Dioxane		0.579	0.551	0.564	0.527	0.512	0.538	5.2
2,3,4,6-Tetrachlorophenol		0.252	0.273	0.310	0.320	0.313	0.298	8.9
1-Methylnaphthalene		0.730	0.692	0.701	0.639	0.589	0.639	11.8

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.: BF061024 SAS No.: BF061024 SDG NO.: BF061024

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BF138121.D Time Analyzed: 15:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	428297	6.91	1.63531e+01	8.19	922358	9.95
UPPER LIMIT	856594	7.41	3270620	8.692	1844716	10.445
LOWER LIMIT	214148.5	6.41	817655	7.692	461179	9.445
EPA SAMPLE NO.						
01 PB161401TB	390352	6.90	1.48736e	8.18	797339	9.93
02 WC-3-(10-15)-COMP	371647	6.90	1.44125e	8.18	777841	9.93
03 WC-3-(10-15)-COMPMS	398941	6.90	1.55641e	8.18	855226	9.93
04 WC-3-(10-15)-COMPMSD	379959	6.90	1.50911e	8.18	827792	9.93
05 WCS-TPD	389268	6.89	1.4839e+	8.18	798736	9.93
06 WC-1-(0-5)-COMP	411428	6.89	1.58412e	8.18	847329	9.93
07 WC-2-(5-10)-COMP	406910	6.89	1.55815e	8.18	851306	9.93
08 TR-04-060724	355711	6.90	1.33731e	8.18	635695	9.93
09 SU-04-06072024	342182	6.90	1.24892e	8.18	595308	9.93
10 HD-02-060724	371351	6.90	1.36003e	8.18	655871	9.93

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.: BF061024 SAS No.: BF061024 SDG NO.: BF061024

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BF138171.D Time Analyzed: 15:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	389910	6.898	1.4669e+00	8.18	811909	9.94
UPPER LIMIT	779820	7.398	2933800	8.681	1623818	10.439
LOWER LIMIT	194955	6.398	733450	7.681	405954.5	9.439
EPA SAMPLE NO.						
01 PB161401TB	390352	6.90	1.48736e	8.18	797339	9.93
02 WC-3-(10-15)-COMP	371647	6.90	1.44125e	8.18	777841	9.93
03 WC-3-(10-15)-COMPMS	398941	6.90	1.55641e	8.18	855226	9.93
04 WC-3-(10-15)-COMPMSD	379959	6.90	1.50911e	8.18	827792	9.93
05 WCS-TPD	389268	6.89	1.4839e+	8.18	798736	9.93
06 WC-1-(0-5)-COMP	411428	6.89	1.58412e	8.18	847329	9.93
07 WC-2-(5-10)-COMP	406910	6.89	1.55815e	8.18	851306	9.93
08 TR-04-060724	355711	6.90	1.33731e	8.18	635695	9.93
09 SU-04-06072024	342182	6.90	1.24892e	8.18	595308	9.93
10 HD-02-060724	371351	6.90	1.36003e	8.18	655871	9.93

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.: BF061024 SAS No.: BF061024 SDG NO.: BF061024

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BF138121.D Time Analyzed: 15:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.65019e+0	11.433	942910	14.068	707214	15.545
	UPPER LIMIT	3300380	11.933	1885820	14.568	1414428	16.045
	LOWER LIMIT	825095	10.933	471455	13.568	353607	15.045
	EPA SAMPLE NO.						
01	PB161401TB	1.38652	11.42	1.01257e+	14.06	906607	15.53
02	WC-3-(10-15)-COMP	1.26982	11.42	739877	14.05	724469	15.53
03	WC-3-(10-15)-COMPMS	1.43027	11.42	801330	14.06	839198	15.53
04	WC-3-(10-15)-COMPMSD	1.41327	11.42	794440	14.06	862430	15.53
05	WCS-TPD	1.25699	11.42	724540	14.05	757703	15.53
06	WC-1-(0-5)-COMP	1.37043	11.42	754087	14.05	832775	15.53
07	WC-2-(5-10)-COMP	1.41116	11.42	822689	14.05	796860	15.53
08	TR-04-060724	906816	11.42	731879	14.06	566947	15.53
09	SU-04-06072024	924157	11.42	690047	14.06	528780	15.53
10	HD-02-060724	1.05238	11.42	716173	14.06	559324	15.54

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.: BF061024 SAS No.: BF061024 SDG NO.: BF061024

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BF138171.D Time Analyzed: 15:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.45982e+0	11.422	931531	14.063	851864	15.539
	UPPER LIMIT	2919640	11.922	1863062	14.563	1703728	16.039
	LOWER LIMIT	729910	10.922	465765.5	13.563	425932	15.039
	EPA SAMPLE NO.						
01	PB161401TB	1.38652	11.42	1.01257e+	14.06	906607	15.53
02	WC-3-(10-15)-COMP	1.26982	11.42	739877	14.05	724469	15.53
03	WC-3-(10-15)-COMPMS	1.43027	11.42	801330	14.06	839198	15.53
04	WC-3-(10-15)-COMPMSD	1.41327	11.42	794440	14.06	862430	15.53
05	WCS-TPD	1.25699	11.42	724540	14.05	757703	15.53
06	WC-1-(0-5)-COMP	1.37043	11.42	754087	14.05	832775	15.53
07	WC-2-(5-10)-COMP	1.41116	11.42	822689	14.05	796860	15.53
08	TR-04-060724	906816	11.42	731879	14.06	566947	15.53
09	SU-04-06072024	924157	11.42	690047	14.06	528780	15.53
10	HD-02-060724	1.05238	11.42	716173	14.06	559324	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-3- (10-15) -COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061024

SAS No.: BF061024 SDG NO.: BF061024

Lab File ID: BF138173.D

Lab Sample ID: P2795-07

Instrument ID: BNA_F

Date Extracted: 06/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/10/2024

Level: (low/med) LOW

Time Analyzed: 15:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-3- (10-15) -COMP	P2795-07	BF138173.D	06/10/2024
WC-3- (10-15) -COMPMS	P2795-07MS	BF138174.D	06/10/2024
WC-3- (10-15) -COMPMSD	P2795-07MSD	BF138175.D	06/10/2024
WCS-TPD	P2784-01	BF138176.D	06/10/2024
WC-1- (0-5) -COMP	P2795-01	BF138177.D	06/10/2024
WC-2- (5-10) -COMP	P2795-04	BF138178.D	06/10/2024
TR-04-060724	P2794-01	BF138179.D	06/10/2024
SU-04-06072024	P2787-01	BF138180.D	06/10/2024
HD-02-060724	P2786-01	BF138181.D	06/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161401TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061024

SAS No.: BF061024 SDG NO.: BF061024

Lab File ID: BF138172.D

Lab Sample ID: PB161401TB

Instrument ID: BNA_F

Date Extracted: 06/10/2024

Matrix: (soil/water) water

Date Analyzed: 06/10/2024

Level: (low/med) LOW

Time Analyzed: 15:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161401TB	PB161401TB	BF138172.D	06/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2795-07MS		Client Sample ID: WC-3-(10-15)-COMPMS		DataFile: BF138174.D							
n-Nitrosodimethylamine	1900		1600	ug/Kg	84				66	124	
Pyridine	1900		1400	ug/Kg	74				45	119	
Benzaldehyde	1900			ug/Kg	0	*			26	163	
Aniline	1900		1200	ug/Kg	63				10	88	
Phenol	1900		1700	ug/Kg	89				67	126	
bis(2-Chloroethyl)ether	1900		1700	ug/Kg	89				74	116	
2-Chlorophenol	1900		1700	ug/Kg	89				61	138	
1,2-Dichlorobenzene	1900		1600	ug/Kg	84				61	105	
1,3-Dichlorobenzene	1900		1600	ug/Kg	84				62	101	
1,4-Dichlorobenzene	1900		1600	ug/Kg	84				63	104	
Benzyl Alcohol	1900		1700	ug/Kg	89				47	126	
2-Methylphenol	1900		1600	ug/Kg	84				66	122	
2,2-oxybis(1-Chloropropane)	1900		1700	ug/Kg	89				52	115	
Acetophenone	1900		1600	ug/Kg	84				75	111	
3+4-Methylphenols	1900		1700	ug/Kg	89				53	132	
N-Nitroso-di-n-propylamine	1900		1600	ug/Kg	84				59	119	
Hexachloroethane	1900		1500	ug/Kg	79				65	117	
Nitrobenzene	1900		1700	ug/Kg	89				70	119	
Isophorone	1900		1600	ug/Kg	84				76	122	
2-Nitrophenol	1900		1500	ug/Kg	79				54	145	
2,4-Dimethylphenol	1900		1800	ug/Kg	95				83	144	
bis(2-Chloroethoxy)methane	1900		1600	ug/Kg	84				68	112	
2,4-Dichlorophenol	1900		1700	ug/Kg	89				72	118	
1,2,4-Trichlorobenzene	1900		1600	ug/Kg	84				57	103	
Benzoic acid	1900		1400	ug/Kg	74				50	104	
Naphthalene	1900		1600	ug/Kg	84				72	110	
4-Chloroaniline	1900		520	ug/Kg	27				10	100	
Hexachlorobutadiene	1900		1500	ug/Kg	79				66	114	
Caprolactam	1900		1600	ug/Kg	84				51	134	
4-Chloro-3-methylphenol	1900		1700	ug/Kg	89				57	132	
2-Methylnaphthalene	1900		1600	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	3800		3800	ug/Kg	100				10	175	
2,4,6-Trichlorophenol	1900		1700	ug/Kg	89				72	117	
2,4,5-Trichlorophenol	1900		1600	ug/Kg	84				72	117	
1,1-Biphenyl	1900		1600	ug/Kg	84				75	113	
2-Chloronaphthalene	1900		1600	ug/Kg	84				67	118	
2-Nitroaniline	1900		1600	ug/Kg	84				69	127	
Dimethylphthalate	1900		1600	ug/Kg	84				70	113	
Acenaphthylene	1900		1700	ug/Kg	89				79	118	
2,6-Dinitrotoluene	1900		1500	ug/Kg	79				70	125	
3-Nitroaniline	1900		1000	ug/Kg	53				20	111	
Acenaphthene	1900		1700	ug/Kg	89				70	121	
Total PAH	30400		26000	ug/Kg	86				70	121	
2,4-Dinitrophenol	3800		2500	ug/Kg	66				16	160	
4-Nitrophenol	3800		3500	ug/Kg	92				45	133	
Dibenzofuran	1900		1600	ug/Kg	84				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		1700	ug/Kg	89				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		3200	ug/Kg	84				55	128	
Diethylphthalate	1900		1600	ug/Kg	84				70	112	
4-Chlorophenyl-phenylether	1900		1500	ug/Kg	79				71	108	
Fluorene	1900		1600	ug/Kg	84				68	116	
4-Nitroaniline	1900		1800	ug/Kg	95				55	120	
4,6-Dinitro-2-methylphenol	1900		1600	ug/Kg	84				32	145	
N-Nitrosodiphenylamine	1900		1700	ug/Kg	89				73	118	
Azobenzene	1900		1700	ug/Kg	89				73	110	
4-Bromophenyl-phenylether	1900		1600	ug/Kg	84				65	121	
Hexachlorobenzene	1900		1600	ug/Kg	84				67	118	
Atrazine	1900		1700	ug/Kg	89				79	127	
Pentachlorophenol	3800		3000	ug/Kg	79				47	128	
Phenanthrene	1900		1700	ug/Kg	89				72	113	
Anthracene	1900		1700	ug/Kg	89				62	124	
Carbazole	1900		1600	ug/Kg	84				59	119	
Di-n-butylphthalate	1900		1600	ug/Kg	84				69	118	
Fluoranthene	1900		1400	ug/Kg	74				59	125	
Benzydine	3800		3200	ug/Kg	84				10	119	
Pyrene	1900		1500	ug/Kg	79				52	128	
Butylbenzylphthalate	1900		1500	ug/Kg	79				64	126	
3,3-Dichlorobenzidine	1900		1600	ug/Kg	84				10	164	
Benzo(a)anthracene	1900		1700	ug/Kg	89				71	114	
Chrysene	1900		1700	ug/Kg	89				57	121	
bis(2-Ethylhexyl)phthalate	1900		1400	ug/Kg	74				66	127	
Di-n-octyl phthalate	1900		1500	ug/Kg	79				71	126	
Benzo(b)fluoranthene	1900		1600	ug/Kg	84				67	121	
Benzo(k)fluoranthene	1900		1600	ug/Kg	84				74	114	
Benzo(a)pyrene	1900		1900	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1900		1600	ug/Kg	84				61	125	
Dibenz(a,h)anthracene	1900		1600	ug/Kg	84				67	130	
Benzo(g,h,i)perylene	1900		1400	ug/Kg	74				53	140	
1,2,4,5-Tetrachlorobenzene	1900		1600	ug/Kg	84				69	124	
1,4-Dioxane	1900		1400	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1900		1700	ug/Kg	89				56	133	
1-Methylnaphthalene	1900		1500	ug/Kg	79				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2795-07MSD		Client Sample ID: WC-3-(10-15)-COMPMSD		DataFile: BF138175.D							
n-Nitrosodimethylamine	1900		1600	ug/Kg	84		0		66	124	20
Pyridine	1900		1400	ug/Kg	74		0		45	119	20
Benzaldehyde	1900			ug/Kg	0	*			26	163	20
Aniline	1900		1200	ug/Kg	63		0		10	88	20
Phenol	1900		1800	ug/Kg	95		7		67	126	20
bis(2-Chloroethyl)ether	1900		1700	ug/Kg	89		0		74	116	20
2-Chlorophenol	1900		1700	ug/Kg	89		0		61	138	20
1,2-Dichlorobenzene	1900		1600	ug/Kg	84		0		61	105	20
1,3-Dichlorobenzene	1900		1600	ug/Kg	84		0		62	101	20
1,4-Dichlorobenzene	1900		1600	ug/Kg	84		0		63	104	20
Benzyl Alcohol	1900		1700	ug/Kg	89		0		47	126	20
2-Methylphenol	1900		1700	ug/Kg	89		6		66	122	20
2,2-oxybis(1-Chloropropane)	1900		1700	ug/Kg	89		0		52	115	20
Acetophenone	1900		1600	ug/Kg	84		0		75	111	20
3+4-Methylphenols	1900		1700	ug/Kg	89		0		53	132	20
N-Nitroso-di-n-propylamine	1900		1600	ug/Kg	84		0		59	119	20
Hexachloroethane	1900		1600	ug/Kg	84		6		65	117	20
Nitrobenzene	1900		1700	ug/Kg	89		0		70	119	20
Isophorone	1900		1600	ug/Kg	84		0		76	122	20
2-Nitrophenol	1900		1600	ug/Kg	84		6		54	145	20
2,4-Dimethylphenol	1900		1800	ug/Kg	95		0		83	144	20
bis(2-Chloroethoxy)methane	1900		1600	ug/Kg	84		0		68	112	20
2,4-Dichlorophenol	1900		1700	ug/Kg	89		0		72	118	20
1,2,4-Trichlorobenzene	1900		1500	ug/Kg	79		6		57	103	20
Benzoic acid	1900		1500	ug/Kg	79		7		50	104	20
Naphthalene	1900		1600	ug/Kg	84		0		72	110	20
4-Chloroaniline	1900		500	ug/Kg	26		4		10	100	20
Hexachlorobutadiene	1900		1500	ug/Kg	79		0		66	114	20
Caprolactam	1900		1600	ug/Kg	84		0		51	134	20
4-Chloro-3-methylphenol	1900		1700	ug/Kg	89		0		57	132	20
2-Methylnaphthalene	1900		1600	ug/Kg	84		0		59	123	20
Hexachlorocyclopentadiene	3800		3900	ug/Kg	103		3		10	175	20
2,4,6-Trichlorophenol	1900		1700	ug/Kg	89		0		72	117	20
2,4,5-Trichlorophenol	1900		1700	ug/Kg	89		6		72	117	20
1,1-Biphenyl	1900		1700	ug/Kg	89		6		75	113	20
2-Chloronaphthalene	1900		1600	ug/Kg	84		0		67	118	20
2-Nitroaniline	1900		1700	ug/Kg	89		6		69	127	20
Dimethylphthalate	1900		1600	ug/Kg	84		0		70	113	20
Acenaphthylene	1900		1800	ug/Kg	95		7		79	118	20
2,6-Dinitrotoluene	1900		1600	ug/Kg	84		6		70	125	20
3-Nitroaniline	1900		1000	ug/Kg	53		0		20	111	20
Acenaphthene	1900		1700	ug/Kg	89		0		70	121	20
Total PAH	30400		26300	ug/Kg	87		1		70	121	20
2,4-Dinitrophenol	3800		2700	ug/Kg	71		7		16	160	20
4-Nitrophenol	3800		3700	ug/Kg	97		5		45	133	20
Dibenzofuran	1900		1600	ug/Kg	84		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		1700	ug/Kg	89		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		3300	ug/Kg	87		4		55	128	20
Diethylphthalate	1900		1600	ug/Kg	84		0		70	112	20
4-Chlorophenyl-phenylether	1900		1500	ug/Kg	79		0		71	108	20
Fluorene	1900		1600	ug/Kg	84		0		68	116	20
4-Nitroaniline	1900		1900	ug/Kg	100		5		55	120	20
4,6-Dinitro-2-methylphenol	1900		1700	ug/Kg	89		6		32	145	20
N-Nitrosodiphenylamine	1900		1700	ug/Kg	89		0		73	118	20
Azobenzene	1900		1700	ug/Kg	89		0		73	110	20
4-Bromophenyl-phenylether	1900		1600	ug/Kg	84		0		65	121	20
Hexachlorobenzene	1900		1500	ug/Kg	79		6		67	118	20
Atrazine	1900		1700	ug/Kg	89		0		79	127	20
Pentachlorophenol	3800		3100	ug/Kg	82		4		47	128	20
Phenanthrene	1900		1700	ug/Kg	89		0		72	113	20
Anthracene	1900		1700	ug/Kg	89		0		62	124	20
Carbazole	1900		1600	ug/Kg	84		0		59	119	20
Di-n-butylphthalate	1900		1600	ug/Kg	84		0		69	118	20
Fluoranthene	1900		1500	ug/Kg	79		7		59	125	20
Benzydine	3800		3200	ug/Kg	84		0		10	119	20
Pyrene	1900		1500	ug/Kg	79		0		52	128	20
Butylbenzylphthalate	1900		1500	ug/Kg	79		0		64	126	20
3,3-Dichlorobenzidine	1900		1600	ug/Kg	84		0		10	164	20
Benzo(a)anthracene	1900		1700	ug/Kg	89		0		71	114	20
Chrysene	1900		1700	ug/Kg	89		0		57	121	20
bis(2-Ethylhexyl)phthalate	1900		1500	ug/Kg	79		7		66	127	20
Di-n-octyl phthalate	1900		1600	ug/Kg	84		6		71	126	20
Benzo(b)fluoranthene	1900		1600	ug/Kg	84		0		67	121	20
Benzo(k)fluoranthene	1900		1600	ug/Kg	84		0		74	114	20
Benzo(a)pyrene	1900		1900	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1900		1600	ug/Kg	84		0		61	125	20
Dibenz(a,h)anthracene	1900		1700	ug/Kg	89		6		67	130	20
Benzo(g,h,i)perylene	1900		1400	ug/Kg	74		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1900		1600	ug/Kg	84		0		69	124	20
1,4-Dioxane	1900		1400	ug/Kg	74		0		46	112	20
2,3,4,6-Tetrachlorophenol	1900		1700	ug/Kg	89		0		56	133	20
1-Methylnaphthalene	1900		1500	ug/Kg	79		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF061024**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2784-01	WCS-TPD	BF138176.D	2-Fluorophenol	150	78.13	52		18	112
			Phenol-d6	150	79.16	53		15	107
			Nitrobenzene-d5	100	57.76	58		18	107
			2-Fluorobiphenyl	100	55.66	56		20	109
			2,4,6-Tribromophenol	150	66.85	45		10	110
			Terphenyl-d14	100	43.84	44		14	112
P2786-01	HD-02-060724	BF138181.D	2-Fluorophenol	150	87.92	59		18	112
			Phenol-d6	150	87.73	58		15	107
			Nitrobenzene-d5	100	60.29	60		18	107
			2-Fluorobiphenyl	100	64.81	65		20	109
			2,4,6-Tribromophenol	150	71.26	48		10	110
			Terphenyl-d14	100	48.31	48		14	112
P2787-01	SU-04-06072024	BF138180.D	2-Fluorophenol	150	96.77	65		18	112
			Phenol-d6	150	97.63	65		15	107
			Nitrobenzene-d5	100	67.36	67		18	107
			2-Fluorobiphenyl	100	82.32	82		20	109
			2,4,6-Tribromophenol	150	75.03	50		10	110
			Terphenyl-d14	100	58.02	58		14	112
P2794-01	TR-04-060724	BF138179.D	2-Fluorophenol	150	98.61	66		18	112
			Phenol-d6	150	97.86	65		15	107
			Nitrobenzene-d5	100	66.80	67		18	107
			2-Fluorobiphenyl	100	82.26	82		20	109
			2,4,6-Tribromophenol	150	70.40	47		10	110
			Terphenyl-d14	100	53.51	54		14	112
P2795-01	WC-1-(0-5)-COMP	BF138177.D	2-Fluorophenol	150	77.43	52		18	112
			Phenol-d6	150	78.71	52		15	107
			Nitrobenzene-d5	100	55.84	56		18	107
			2-Fluorobiphenyl	100	54.80	55		20	109
			2,4,6-Tribromophenol	150	71.39	48		10	110
			Terphenyl-d14	100	45.89	46		14	112
P2795-04	WC-2-(5-10)-COM	BF138178.D	2-Fluorophenol	150	77.81	52		18	112
			Phenol-d6	150	78.62	52		15	107
			Nitrobenzene-d5	100	56.86	57		18	107
			2-Fluorobiphenyl	100	54.71	55		20	109
			2,4,6-Tribromophenol	150	67.91	45		10	110
			Terphenyl-d14	100	43.35	43		14	112
P2795-07	WC-3-(10-15)-COM	BF138173.D	2-Fluorophenol	150	99.80	67		18	112
			Phenol-d6	150	98.40	66		15	107
			Nitrobenzene-d5	100	71.45	71		18	107
			2-Fluorobiphenyl	100	69.75	70		20	109
			2,4,6-Tribromophenol	150	77.41	52		10	110
			Terphenyl-d14	100	58.03	58		14	112
P2795-07MS	WC-3-(10-15)-COM	BF138174.D	2-Fluorophenol	150	111.47	74		18	112
			Phenol-d6	150	112.93	75		15	107
			Nitrobenzene-d5	100	82.92	83		18	107
			2-Fluorobiphenyl	100	76.16	76		20	109
			2,4,6-Tribromophenol	150	105.22	70		10	110
			Terphenyl-d14	100	65.28	65		14	112
P2795-07MSD	WC-3-(10-15)-COM	BF138175.D	2-Fluorophenol	150	113.08	75		18	112



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

Surrogate Summary

SW-846

SDG No.: **BF061024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2795-07MSD	WC-3-(10-15)-COMBF138175.D		Phenol-d6	150	114.36	76		15	107
			Nitrobenzene-d5	100	84.37	84		18	107
			2-Fluorobiphenyl	100	75.76	76		20	109
			2,4,6-Tribromophenol	150	109.61	73		10	110
			Terphenyl-d14	100	66.21	66		14	112



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

Surrogate Summary

SW-846

SDG No.: BF061024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161401TB	PB161401TB	BF138172.D	2-Fluorophenol	150	127.84	85		10	139
			Phenol-d6	150	124.15	83		10	134
			Nitrobenzene-d5	100	96.02	96		49	133
			2-Fluorobiphenyl	100	86.59	87		52	132
			2,4,6-Tribromophenol	150	97.69	65		32	145
			Terphenyl-d14	100	64.41	64		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF061024

Lab Code: CHEM

SAS No.: BF061024

SDG NO.: BF061024

Lab File ID: BF138170.D

DFTPP Injection Date: 06/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.2
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	98.4
443	15.0 - 24.0% of mass 442	19.6 (19.9) 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	BF138171.D	06/10/2024	14:38
PB161401TB	PB161401TB	BF138172.D	06/10/2024	15:07
WC-3-(10-15)-COMP	P2795-07	BF138173.D	06/10/2024	15:42
WC-3-(10-15)-COMPMS	P2795-07MS	BF138174.D	06/10/2024	16:11
WC-3-(10-15)-COMPMSD	P2795-07MSD	BF138175.D	06/10/2024	16:40
WCS-TPD	P2784-01	BF138176.D	06/10/2024	17:09
WC-1-(0-5)-COMP	P2795-01	BF138177.D	06/10/2024	17:38
WC-2-(5-10)-COMP	P2795-04	BF138178.D	06/10/2024	18:08
TR-04-060724	P2794-01	BF138179.D	06/10/2024	18:38
SU-04-06072024	P2787-01	BF138180.D	06/10/2024	19:07
HD-02-060724	P2786-01	BF138181.D	06/10/2024	19:35