

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG No.: BF102524

Instrument ID: BNA_F Calibration Date/Time: 10/25/2024 : 09:48

Lab File ID: BF140026.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	0.793	0.741		-6.557	
Pyridine	1.476	1.358		-7.995	
2-Fluorophenol	1.278	1.218		-4.695	
Benzaldehyde	0.931	0.889		-4.511	
Aniline	1.542	1.416		-8.171	
Phenol-d6	1.655	1.535		-7.251	
Phenol	1.706	1.612		-5.51	20.0
bis(2-Chloroethyl)ether	1.319	1.219		-7.582	
2-Chlorophenol	1.306	1.258		-3.675	
1,2-Dichlorobenzene	1.398	1.386		-0.858	
1,3-Dichlorobenzene	1.499	1.495		-0.267	
1,4-Dichlorobenzene	1.498	1.497		-0.067	20.0
Benzyl Alcohol	1.214	1.178		-2.965	
2-Methylphenol	1.114	1.048		-5.925	
2,2-oxybis(1-Chloropropane)	2.248	1.869		-16.859	
Acetophenone	0.490	0.478		-2.449	
3+4-Methylphenols	1.424	1.335		-6.25	
n-Nitroso-di-n-propylamine	1.004	0.893	0.050	-11.056	
Nitrobenzene-d5	0.361	0.387		7.202	
Hexachloroethane	0.534	0.543		1.685	
Nitrobenzene	0.396	0.403		1.768	
Isophorone	0.685	0.648		-5.401	
2-Nitrophenol	0.149	0.176		18.121	20.0
2,4-Dimethylphenol	0.249	0.233		-6.426	
bis(2-Chloroethoxy)methane	0.415	0.386		-6.988	
2,4-Dichlorophenol	0.283	0.284		0.353	20.0
1,2,4-Trichlorobenzene	0.314	0.325		3.503	
Benzoic acid	0.217	0.230		5.991	
Naphthalene	1.031	1.030		-0.097	
4-Chloroaniline	0.352	0.343		-2.557	
Hexachlorobutadiene	0.197	0.212		7.614	20.0
Caprolactam	0.090	0.088		-2.222	
4-Chloro-3-methylphenol	0.314	0.318		1.274	20.0
2-Methylnaphthalene	0.632	0.629		-0.475	
Hexachlorocyclopentadiene	0.188	0.207	0.050	10.106	
2,4,6-Trichlorophenol	0.382	0.381		-0.262	20.0
2-Fluorobiphenyl	1.210	1.245		2.893	
2,4,5-Trichlorophenol	0.394	0.415		5.33	
1,1-Biphenyl	1.392	1.396		0.287	

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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	1.121	1.132		0.981	
2-Nitroaniline	0.343	0.379		10.496	
Dimethylphthalate	1.246	1.224		-1.766	
Acenaphthylene	1.621	1.626		0.308	
2,6-Dinitrotoluene	0.270	0.290		7.407	
3-Nitroaniline	0.278	0.293		5.396	
Acenaphthene	1.049	1.083		3.241	20.0
2,4-Dinitrophenol	0.093	0.149	0.050	60.215	
4-Nitrophenol	0.214	0.235	0.050	9.813	
Dibenzofuran	1.505	1.515		0.664	
2,4-Dinitrotoluene	0.332	0.384		15.663	
Diethylphthalate	1.223	1.198		-2.044	
4-Chlorophenyl-phenylether	0.579	0.583		0.691	
Fluorene	1.146	1.161		1.309	
4-Nitroaniline	0.263	0.285		8.365	
4,6-Dinitro-2-methylphenol	0.082	0.114		39.024	
n-Nitrosodiphenylamine	0.599	0.582		-2.838	20.0
Azobenzene	1.297	1.220		-5.937	
2,4,6-Tribromophenol	0.187	0.212		13.369	
4-Bromophenyl-phenylether	0.206	0.208		0.971	
Hexachlorobenzene	0.232	0.237		2.155	
Atrazine	0.162	0.158		-2.469	
Pentachlorophenol	0.141	0.161		14.184	20.0
Phenanthrene	0.945	0.933		-1.27	
Anthracene	0.922	0.927		0.542	
Carbazole	0.857	0.847		-1.167	
Di-n-butylphthalate	0.990	0.947		-4.343	
Fluoranthene	0.955	0.965		1.047	20.0
Benzidine	0.329	0.425		29.179	
Pyrene	1.751	1.887		7.767	
Terphenyl-d14	1.227	1.327		8.15	
Butylbenzylphthalate	0.525	0.564		7.429	
3,3-Dichlorobenzidine	0.380	0.419		10.263	
Benzo(a)anthracene	1.302	1.327		1.92	
Chrysene	1.194	1.197		0.251	
Bis(2-ethylhexyl)phthalate	0.589	0.614		4.244	
Di-n-octyl phthalate	1.071	0.962		-10.177	20.0
Benzo(b)fluoranthene	1.218	1.123		-7.8	
Benzo(k)fluoranthene	1.051	1.090		3.711	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG No.: BF102524

Instrument ID: BNA_F Calibration Date/Time: 10/25/2024 : 09:48

Lab File ID: BF140026.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	1.002	1.013		1.098	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.346		4.584	
Dibenzo(a,h)anthracene	1.073	1.106		3.075	
Benzo(g,h,i)perylene	1.072	1.153		7.556	
1,2,4,5-Tetrachlorobenzene	0.540	0.556		2.963	
1,4-Dioxane	0.596	0.534		-10.403	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.323		4.531	
1-Methylnaphthalene	0.620	0.618		-0.323	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BF102524
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140027.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BF102524
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140027.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BF102524
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140027.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.045		18-112		77	SPK: -150
13127-88-3	Phenol-d6	112.376		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	88.742		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	86.525		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BF102524
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140027.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.377		10-116		91	SPK: -150
1718-51-0	Terphenyl-d14	83.346		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102510	6.887				
1146-65-2	Naphthalene-d8	392578	8.169				
15067-26-2	Acenaphthene-d10	223570	9.928				
1517-22-2	Phenanthrene-d10	398972	11.41				
1719-03-5	Chrysene-d12	252987	14.051				
1520-96-3	Perylene-d12	198552	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BS	SDG No.:	BF102524
Lab Sample ID:	PB164366BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140028.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		86.7	270	330	ug/Kg
110-86-1	Pyridine	980		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	350		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1200		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1200		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1200		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1200		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1200		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1100		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1200		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1100		90.7	130	170	ug/Kg
78-59-1	Isophorone	1200		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1100		240	270	330	ug/Kg
91-20-3	Naphthalene	1200		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	590		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1200		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BS	SDG No.:	BF102524
Lab Sample ID:	PB164366BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140028.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4800	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1200		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1300		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1200		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1300		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	860		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	20300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2700	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1200		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1200		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		85.5	130	170	ug/Kg
86-73-7	Fluorene	1200		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1200		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1400		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BS	SDG No.:	BF102524
Lab Sample ID:	PB164366BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140028.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1200		83.9	130	170	ug/Kg
120-12-7	Anthracene	1300		84.3	130	170	ug/Kg
86-74-8	Carbazole	1200		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1200		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.6	130	170	ug/Kg
92-87-5	Benzidine	1600		160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	880		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		80.6	130	170	ug/Kg
218-01-9	Chrysene	1300		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1300		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	910		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.61		18-112		64	SPK: -150
13127-88-3	Phenol-d6	93.397		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	72.373		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.741		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BS	SDG No.:	BF102524
Lab Sample ID:	PB164366BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140028.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.661		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	76.545		10-105		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126264	6.893				
1146-65-2	Naphthalene-d8	495337	8.175				
15067-26-2	Acenaphthene-d10	272629	9.928				
1517-22-2	Phenanthrene-d10	490973	11.416				
1719-03-5	Chrysene-d12	273728	14.057				
1520-96-3	Perylene-d12	251991	15.533				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BL	SDG No.:	BF102524
Lab Sample ID:	PB164374BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140029.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BL	SDG No.:	BF102524
Lab Sample ID:	PB164374BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140029.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BL	SDG No.:	BF102524
Lab Sample ID:	PB164374BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF140029.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.967		10-139		85	SPK: -150
13127-88-3	Phenol-d6	123.091		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	97.471		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	95.51		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BL	SDG No.:	BF102524
Lab Sample ID:	PB164374BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF140029.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.272		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	91.404		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100466	6.887				
1146-65-2	Naphthalene-d8	385099	8.169				
15067-26-2	Acenaphthene-d10	215593	9.922				
1517-22-2	Phenanthrene-d10	387720	11.41				
1719-03-5	Chrysene-d12	242877	14.051				
1520-96-3	Perylene-d12	193127	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BS	SDG No.:	BF102524
Lab Sample ID:	PB164374BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140030.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.2		1	8	10	ug/L
110-86-1	Pyridine	38.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.7		4	8	10	ug/L
62-53-3	Aniline	41		1.6	4	5	ug/L
108-95-2	Phenol	45		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.2		1.4	4	5	ug/L
98-86-2	Acetophenone	45		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.1		1	4	5	ug/L
98-95-3	Nitrobenzene	44.5		1.3	4	5	ug/L
78-59-1	Isophorone	45.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	42.8		5.5	8	10	ug/L
91-20-3	Naphthalene	44.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BS	SDG No.:	BF102524
Lab Sample ID:	PB164374BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140030.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.4		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	51.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	53.8		0.81	4	5	ug/L
Total PAH	Total PAH	786.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	53.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.4		0.98	4	5	ug/L
86-73-7	Fluorene	47.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	51.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	66.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.9		0.89	4	5	ug/L
103-33-3	Azobenzene	44.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.2		1.1	4	5	ug/L
1912-24-9	Atrazine	54.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BS	SDG No.:	BF102524
Lab Sample ID:	PB164374BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140030.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.6	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.3		0.89	4	5	ug/L
120-12-7	Anthracene	49.3		1.1	4	5	ug/L
86-74-8	Carbazole	47.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.1		1.3	4	5	ug/L
92-87-5	Benzidine	62.9		4.1	8	10	ug/L
129-00-0	Pyrene	50.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.1		0.94	4	5	ug/L
218-01-9	Chrysene	49.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	41.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.3		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	35.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.065		10-139		82	SPK: -150
13127-88-3	Phenol-d6	120.223		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	93.669		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.351		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164374BS	SDG No.:	BF102524
Lab Sample ID:	PB164374BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140030.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.103		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	101.538		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100886	6.892				
1146-65-2	Naphthalene-d8	391509	8.175				
15067-26-2	Acenaphthene-d10	214233	9.928				
1517-22-2	Phenanthrene-d10	384147	11.416				
1719-03-5	Chrysene-d12	203575	14.057				
1520-96-3	Perylene-d12	193759	15.533				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164335TB	SDG No.:	BF102524
Lab Sample ID:	PB164335TB	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
BF140031.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164335TB	SDG No.:	BF102524
Lab Sample ID:	PB164335TB	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
BF140031.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164335TB	SDG No.:	BF102524
Lab Sample ID:	PB164335TB	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
BF140031.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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	120.1		10-139		80	SPK: -150
13127-88-3	Phenol-d6	117.31		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	91.689		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	89.775		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164335TB	SDG No.:	BF102524
Lab Sample ID:	PB164335TB	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
BF140031.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.181		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	88.791		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104379	6.887				
1146-65-2	Naphthalene-d8	404635	8.169				
15067-26-2	Acenaphthene-d10	228419	9.922				
1517-22-2	Phenanthrene-d10	408983	11.41				
1719-03-5	Chrysene-d12	251030	14.051				
1520-96-3	Perylene-d12	202385	15.533				

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BS	SDG No.:	BF102524
Lab Sample ID:	PB164211BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140032.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.6		1	8	10	ug/L
110-86-1	Pyridine	40.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.6		4	8	10	ug/L
62-53-3	Aniline	39.8		1.6	4	5	ug/L
108-95-2	Phenol	46.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.9		1.4	4	5	ug/L
98-86-2	Acetophenone	47.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.8		1	4	5	ug/L
98-95-3	Nitrobenzene	47.2		1.3	4	5	ug/L
78-59-1	Isophorone	48.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	58.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	54.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.5		5.5	8	10	ug/L
91-20-3	Naphthalene	47.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	18.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BS	SDG No.:	BF102524
Lab Sample ID:	PB164211BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF140032.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	54.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.7		0.81	4	5	ug/L
Total PAH	Total PAH	806.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	56.8		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107		2.7	4	10	ug/L
84-66-2	Diethylphthalate	48.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.7		0.98	4	5	ug/L
86-73-7	Fluorene	49.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	53		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	71.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48		0.89	4	5	ug/L
103-33-3	Azobenzene	46.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48.9		1.1	4	5	ug/L
1912-24-9	Atrazine	58.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BS	SDG No.:	BF102524
Lab Sample ID:	PB164211BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF140032.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49.9		0.89	4	5	ug/L
120-12-7	Anthracene	51.4		1.1	4	5	ug/L
86-74-8	Carbazole	49.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	51.1		1.3	4	5	ug/L
92-87-5	Benzidine	45.8		4.1	8	10	ug/L
129-00-0	Pyrene	49		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.1		0.94	4	5	ug/L
218-01-9	Chrysene	50.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	44.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.902		10-139		88	SPK: -150
13127-88-3	Phenol-d6	128.566		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	101.614		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.012		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BS	SDG No.:	BF102524
Lab Sample ID:	PB164211BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF140032.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.167		44-137		108	SPK: -150
1718-51-0	Terphenyl-d14	101.49		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100609	6.892				
1146-65-2	Naphthalene-d8	384825	8.175				
15067-26-2	Acenaphthene-d10	213533	9.927				
1517-22-2	Phenanthrene-d10	385753	11.416				
1719-03-5	Chrysene-d12	222466	14.057				
1520-96-3	Perylene-d12	209605	15.533				

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BSD	SDG No.:	BF102524
Lab Sample ID:	PB164211BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140033.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	49		1	8	10	ug/L
110-86-1	Pyridine	43.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.8		4	8	10	ug/L
62-53-3	Aniline	43.4		1.6	4	5	ug/L
108-95-2	Phenol	50		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	53.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	52.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	49.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	50.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	53		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.3		1.4	4	5	ug/L
98-86-2	Acetophenone	50.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	51		1	4	5	ug/L
98-95-3	Nitrobenzene	49.8		1.3	4	5	ug/L
78-59-1	Isophorone	50.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	61.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	58.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.4		5.5	8	10	ug/L
91-20-3	Naphthalene	50.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	53.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BSD	SDG No.:	BF102524
Lab Sample ID:	PB164211BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140033.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	51.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	52.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	200	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	53.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	52.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	50.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	50.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	57.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	52.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	54.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	53.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	59.7		0.81	4	5	ug/L
Total PAH	Total PAH	882.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	140	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	52		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	60.3		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.7		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.7		0.98	4	5	ug/L
86-73-7	Fluorene	52.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	55		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	74.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	52.2		0.89	4	5	ug/L
103-33-3	Azobenzene	49.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	52.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	52.4		1.1	4	5	ug/L
1912-24-9	Atrazine	62.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BSD	SDG No.:	BF102524
Lab Sample ID:	PB164211BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140033.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	53.4		0.89	4	5	ug/L
120-12-7	Anthracene	55.5		1.1	4	5	ug/L
86-74-8	Carbazole	52.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	53.8		1.3	4	5	ug/L
92-87-5	Benzidine	51.8		4.1	8	10	ug/L
129-00-0	Pyrene	56.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	59.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	55.7		0.94	4	5	ug/L
218-01-9	Chrysene	54		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	46.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	57.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	59.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	58.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	53.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	40.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	49		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.768		10-139		94	SPK: -150
13127-88-3	Phenol-d6	137.685		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	108.355		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	103.367		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164211BSD	SDG No.:	BF102524
Lab Sample ID:	PB164211BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF140033.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164211

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.907		44-137		111	SPK: -150
1718-51-0	Terphenyl-d14	113.929		48-125		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90907	6.887				
1146-65-2	Naphthalene-d8	349292	8.169				
15067-26-2	Acenaphthene-d10	193554	9.928				
1517-22-2	Phenanthrene-d10	342208	11.416				
1719-03-5	Chrysene-d12	182421	14.051				
1520-96-3	Perylene-d12	173566	15.527				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-331	SDG No.:	BF102524
Lab Sample ID:	P4468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140034.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.9	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-331	SDG No.:	BF102524
Lab Sample ID:	P4468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140034.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.5	U	50.5	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-331	SDG No.:	BF102524
Lab Sample ID:	P4468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140034.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.699		18-112		54	SPK: -150
13127-88-3	Phenol-d6	87.42		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	68.783		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.841		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-331	SDG No.:	BF102524
Lab Sample ID:	P4468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09 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
BF140034.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.93		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	70.541		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91815	6.886				
1146-65-2	Naphthalene-d8	364282	8.169				
15067-26-2	Acenaphthene-d10	207336	9.922				
1517-22-2	Phenanthrene-d10	397004	11.41				
1719-03-5	Chrysene-d12	243390	14.051				
1520-96-3	Perylene-d12	212729	15.527				

Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM		
Project:				Date Received:	10/22/2024 12:00:00 AM		
Client Sample ID:	D20241001-01-04			SDG No.:	BF102524		
Lab Sample ID:	P4485-02			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
BF140035.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140035.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-02	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
BF140035.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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	121.895		10-139		81	SPK: -150
13127-88-3	Phenol-d6	117.664		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	96.343		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	92.5		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-02	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
BF140035.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.048		44-137		109	SPK: -150
1718-51-0	Terphenyl-d14	98.531		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100863	6.887				
1146-65-2	Naphthalene-d8	383998	8.169				
15067-26-2	Acenaphthene-d10	224792	9.922				
1517-22-2	Phenanthrene-d10	423437	11.41				
1719-03-5	Chrysene-d12	261149	14.051				
1520-96-3	Perylene-d12	240822	15.527				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140036.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140036.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140036.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

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	120		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	132.334		10-139		88	SPK: -150
13127-88-3	Phenol-d6	120.432		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	109.07		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	104.526		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140036.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	181.465		44-137		121	SPK: -150
1718-51-0	Terphenyl-d14	116.906		48-125		117	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91241	6.887				
1146-65-2	Naphthalene-d8	352815	8.169				
15067-26-2	Acenaphthene-d10	206482	9.922				
1517-22-2	Phenanthrene-d10	385510	11.41				
1719-03-5	Chrysene-d12	220193	14.045				
1520-96-3	Perylene-d12	220291	15.527				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-1	SDG No.:	BF102524
Lab Sample ID:	P4517-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140037.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-1	SDG No.:	BF102524
Lab Sample ID:	P4517-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140037.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-1	SDG No.:	BF102524
Lab Sample ID:	P4517-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140037.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.044		18-112		41	SPK: -150
13127-88-3	Phenol-d6	74.479		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	70.16		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	70.169		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-1	SDG No.:	BF102524
Lab Sample ID:	P4517-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140037.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	47.434		10-116		32	SPK: -150
1718-51-0	Terphenyl-d14	75.931		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94205	6.886				
1146-65-2	Naphthalene-d8	371188	8.169				
15067-26-2	Acenaphthene-d10	213232	9.922				
1517-22-2	Phenanthrene-d10	409743	11.41				
1719-03-5	Chrysene-d12	236507	14.051				
1520-96-3	Perylene-d12	226427	15.527				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF102524
Lab Sample ID:	P4467-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140038.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64	U	64	85.9	110	ug/Kg
108-95-2	Phenol	54.8	U	54.8	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.2	U	55.2	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.8	U	56.8	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.1	U	60.1	85.9	110	ug/Kg
98-86-2	Acetophenone	57.4	U	57.4	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	85.9	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.9	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.6	U	61.6	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.4	U	56.4	85.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	54.6	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF102524
Lab Sample ID:	P4467-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140038.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	85.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.8	U	62.8	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	58.9	U	58.9	85.9	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	85.9	110	ug/Kg
Total PAH	Total PAH	875.8	U	875.8	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.7	U	76.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	85.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112	U	112	85.9	220	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	85.9	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.3	U	77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	85.9	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF102524
Lab Sample ID:	P4467-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140038.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.1	U	51.1	180	220	ug/Kg
85-01-8	Phenanthrene	55.5	U	55.5	85.9	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	85.9	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	54	U	54	85.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.9	U	54.9	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	64	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.3	U	53.3	85.9	110	ug/Kg
218-01-9	Chrysene	52.5	U	52.5	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.1	U	60.1	85.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.7	U	72.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.6	U	53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.6	U	54.6	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.5	U	61.5	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.6	U	51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.9	U	52.9	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	72.7	U	72.7	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.937		18-112		68	SPK: -150
13127-88-3	Phenol-d6	99.851		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	78.265		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	72.73		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF102524
Lab Sample ID:	P4467-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140038.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.857		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	73.437		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95035	6.887				
1146-65-2	Naphthalene-d8	367411	8.169				
15067-26-2	Acenaphthene-d10	211186	9.922				
1517-22-2	Phenanthrene-d10	397907	11.41				
1719-03-5	Chrysene-d12	234920	14.051				
1520-96-3	Perylene-d12	228145	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.181	
000119-61-9	Benzophenone	190	J			10.633	
000057-10-3	n-Hexadecanoic acid	87.7	J			11.933	
1000351-74-9	Octacosyl trifluoroacetate	110	J			13.898	

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MS	SDG No.:	BF102524
Lab Sample ID:	P4487-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140039.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	280		15.5	40	50	ug/L
100-52-7	Benzaldehyde	55.8	J	40	80	100	ug/L
62-53-3	Aniline	260		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	510		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	490		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	470		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	530		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	450		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	480		10.1	40	50	ug/L
98-95-3	Nitrobenzene	490		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	590		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	580		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	520		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	440		54.7	80	100	ug/L
91-20-3	Naphthalene	490		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	100		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MS	SDG No.:	BF102524
Lab Sample ID:	P4487-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140039.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	480		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	540		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	520		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1800	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	540		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	580		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	560		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	260		13.7	40	50	ug/L
83-32-9	Acenaphthene	590		8.1	40	50	ug/L
Total PAH	Total PAH	8570		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1300	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	620		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	180		27.6	40	100	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540		9.8	40	50	ug/L
86-73-7	Fluorene	530		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	570		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	730		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	520		8.9	40	50	ug/L
103-33-3	Azobenzene	510		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	530		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	530		11.4	40	50	ug/L
1912-24-9	Atrazine	500		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MS	SDG No.:	BF102524
Lab Sample ID:	P4487-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140039.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	530		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	560		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	250		40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	660		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	360		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	530		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	750		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	670		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	580		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	550		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	550		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	480		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	590		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.732		10-139		86	SPK: -150
13127-88-3	Phenol-d6	118.95		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	104.741		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	99.144		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MS	SDG No.:	BF102524
Lab Sample ID:	P4487-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140039.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	172.566		44-137		115	SPK: -150
1718-51-0	Terphenyl-d14	109.122		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98969	6.893				
1146-65-2	Naphthalene-d8	385080	8.169				
15067-26-2	Acenaphthene-d10	221263	9.928				
1517-22-2	Phenanthrene-d10	405556	11.416				
1719-03-5	Chrysene-d12	215222	14.051				
1520-96-3	Perylene-d12	234806	15.527				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MSD	SDG No.:	BF102524
Lab Sample ID:	P4487-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140040.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470		10.3	80	100	ug/L
110-86-1	Pyridine	320		15.5	40	50	ug/L
100-52-7	Benzaldehyde	55	J	40	80	100	ug/L
62-53-3	Aniline	270		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	510		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	490		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	500		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	550		16	80	100	ug/L
95-48-7	2-Methylphenol	520		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	470		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	510		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	520		14.8	25	25	ug/L
67-72-1	Hexachloroethane	500		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	530		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	620		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	600		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	540		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	500		11	40	50	ug/L
65-85-0	Benzoic acid	510		54.7	80	100	ug/L
91-20-3	Naphthalene	500		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	73.6		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	510		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MSD	SDG No.:	BF102524
Lab Sample ID:	P4487-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140040.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	560		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	530		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1900	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	550		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	550		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	520		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	590		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	560		9.3	40	50	ug/L
208-96-8	Acenaphthylene	560		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	570		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	620		8.1	40	50	ug/L
Total PAH	Total PAH	8860		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1500	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	20	80	100	ug/L
132-64-9	Dibenzofuran	540		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	650		15.2	40	50	ug/L
84-66-2	Diethylphthalate	560		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	550		9.8	40	50	ug/L
86-73-7	Fluorene	540		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	550		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	820	E	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	520		8.9	40	50	ug/L
103-33-3	Azobenzene	530		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	550		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	540		11.4	40	50	ug/L
1912-24-9	Atrazine	420		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MSD	SDG No.:	BF102524
Lab Sample ID:	P4487-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140040.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	560		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	590		14.7	40	50	ug/L
206-44-0	Fluoranthene	530		12.9	40	50	ug/L
92-87-5	Benzidine	170		40.7	80	100	ug/L
129-00-0	Pyrene	550		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	700		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	240		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	570		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	800		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	680		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	520		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	610		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	610		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	560		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	560		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	480		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	410		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	600		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	510		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.751		10-139		91	SPK: -150
13127-88-3	Phenol-d6	126.498		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	108.97		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	102.763		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5MSD	SDG No.:	BF102524
Lab Sample ID:	P4487-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140040.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	178.69		44-137		119	SPK: -150
1718-51-0	Terphenyl-d14	115.791		48-125		116	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96720	6.892				
1146-65-2	Naphthalene-d8	384393	8.169				
15067-26-2	Acenaphthene-d10	222223	9.927				
1517-22-2	Phenanthrene-d10	406780	11.416				
1719-03-5	Chrysene-d12	215360	14.057				
1520-96-3	Perylene-d12	226810	15.527				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CHVB0783	SDG No.:	BF102524
Lab Sample ID:	P4515-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140041.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	1700		100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.6	U	51.6	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.7	U	96.7	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CHVB0783	SDG No.:	BF102524
Lab Sample ID:	P4515-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140041.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.2	U	99.2	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.4	U	91.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.8	U	94.8	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1690	U	1690	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CHVB0783	SDG No.:	BF102524
Lab Sample ID:	P4515-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140041.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99	U	99	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.7	U	95.7	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.544		18-112		41	SPK: -150
13127-88-3	Phenol-d6	61.111		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	44.265		18-107		44	SPK: -100
321-60-8	2-Fluorobiphenyl	44.886		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CHVB0783	SDG No.:	BF102524
Lab Sample ID:	P4515-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	53.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140041.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.6		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	49.68		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101023	6.887				
1146-65-2	Naphthalene-d8	392765	8.169				
15067-26-2	Acenaphthene-d10	224852	9.922				
1517-22-2	Phenanthrene-d10	422640	11.41				
1719-03-5	Chrysene-d12	237166	14.045				
1520-96-3	Perylene-d12	240038	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000116-53-0	Butanoic acid, 2-methyl-	110	J			5.228	
000534-26-9	1H-Imidazole, 4,5-dihydro-2-methyl	160	J			5.987	
000097-61-0	Pentanoic acid, 2-methyl-	160	J			6.128	
000617-78-7	Pentane, 3-ethyl-	100	J			6.263	
000628-46-6	5-Methylhexanoic acid	120	J			6.992	
	unknown7.075	310	J			7.075	
028556-81-2	2,6-Dimethylphenyl isocyanate	89.6	J			10.292	
000119-61-9	Benzophenone	180	J			10.633	
000057-10-3	n-Hexadecanoic acid	860	J			11.939	
000883-21-6	1-Methoxy-naphthoic acid	130	J			12.41	
000057-11-4	Octadecanoic acid	250	J			12.722	
903195-75-5	5-Ethyl-4,7-dihydro-2-methyl-7-oxo	160	J			12.886	
007683-64-9	Supraene	100	J			14.904	
	unknown16.268	110	J			16.268	

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140042.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.4	U	89.4	280	340	ug/Kg
110-86-1	Pyridine	82.3	U	82.3	130	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	99.9	U	99.9	130	180	ug/Kg
108-95-2	Phenol	85.4	U	85.4	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.3	U	86.3	130	180	ug/Kg
95-57-8	2-Chlorophenol	86	U	86	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.2	U	87.2	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.6	U	88.6	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.1	U	89.1	130	180	ug/Kg
100-51-6	Benzyl Alcohol	85.5	U	85.5	280	340	ug/Kg
95-48-7	2-Methylphenol	83.1	U	83.1	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.7	U	93.7	130	180	ug/Kg
98-86-2	Acetophenone	89.6	U	89.6	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.2	U	82.2	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.5	U	41.5	82.4	82.4	ug/Kg
67-72-1	Hexachloroethane	85.5	U	85.5	130	180	ug/Kg
98-95-3	Nitrobenzene	93.6	U	93.6	130	180	ug/Kg
78-59-1	Isophorone	87.2	U	87.2	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.4	U	97.4	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.4	U	88.4	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	77.8	U	77.8	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88	U	88	130	180	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	85.1	U	85.1	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.1	U	85.1	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	85.8	U	85.8	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140042.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.4	U	89.4	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79.9	U	79.9	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85	U	85	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.6	U	73.6	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.3	U	76.3	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.1	U	90.1	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	85.8	U	85.8	130	180	ug/Kg
88-74-4	2-Nitroaniline	97.9	U	97.9	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.2	U	84.2	130	180	ug/Kg
208-96-8	Acenaphthylene	89.1	U	89.1	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	85.7	U	85.7	130	180	ug/Kg
99-09-2	3-Nitroaniline	91.9	U	91.9	130	180	ug/Kg
83-32-9	Acenaphthene	83.6	U	83.6	130	180	ug/Kg
Total PAH	Total PAH	1365.5	U	1365.5	130	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	87	U	87	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	74.5	U	174.5	130	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	88.8	U	88.8	130	180	ug/Kg
84-66-2	Diethylphthalate	82.5	U	82.5	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.2	U	88.2	130	180	ug/Kg
86-73-7	Fluorene	88.1	U	88.1	130	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	84.1	U	84.1	130	180	ug/Kg
103-33-3	Azobenzene	82	U	82	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.3	U	81.3	130	180	ug/Kg
118-74-1	Hexachlorobenzene	87.6	U	87.6	130	180	ug/Kg
1912-24-9	Atrazine	94.2	U	94.2	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140042.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.7	U	79.7	280	340	ug/Kg
85-01-8	Phenanthrene	86.6	U	86.6	130	180	ug/Kg
120-12-7	Anthracene	87	U	87	130	180	ug/Kg
86-74-8	Carbazole	82.8	U	82.8	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	86.9	U	86.9	130	180	ug/Kg
206-44-0	Fluoranthene	84.2	U	84.2	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85.5	U	85.5	130	180	ug/Kg
85-68-7	Butylbenzylphthalate	99.8	U	99.8	130	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.2	U	83.2	130	180	ug/Kg
218-01-9	Chrysene	81.9	U	81.9	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93.8	U	93.8	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.6	U	83.6	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.1	U	85.1	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	95.8	U	95.8	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.5	U	80.5	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.7	U	83.7	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.5	U	82.5	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	130	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77	U	77	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	85.7	U	85.7	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.267		18-112		44	SPK: -150
13127-88-3	Phenol-d6	64.542		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	51.222		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	49.988		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	D20241001-01-04	SDG No.:	BF102524
Lab Sample ID:	P4485-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140042.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.05		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	39.989		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84666	6.887				
1146-65-2	Naphthalene-d8	327697	8.169				
15067-26-2	Acenaphthene-d10	185532	9.922				
1517-22-2	Phenanthrene-d10	315779	11.41				
1719-03-5	Chrysene-d12	170721	14.045				
1520-96-3	Perylene-d12	206653	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	860	J			2.164	
001576-87-0	2-Pentenal, (E)-	89.3	J			5.993	
000119-61-9	Benzophenone	440	J			10.634	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	72.8	J			10.945	
000057-10-3	n-Hexadecanoic acid	280	J			11.934	
000506-21-8	Linoelaidic acid	220	J			12.628	
000112-37-8	Undecanoic acid	72.8	J			12.716	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			13.898	
007683-64-9	Supraene	97.9	J			14.904	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF102524
Lab Sample ID:	P4512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140043.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.9	U	53.9	170	200	ug/Kg
110-86-1	Pyridine	49.6	U	49.6	80.7	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	60.2	U	60.2	80.7	110	ug/Kg
108-95-2	Phenol	51.5	U	51.5	80.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52	U	52	80.7	110	ug/Kg
95-57-8	2-Chlorophenol	51.9	U	51.9	80.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.5	U	52.5	80.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.4	U	53.4	80.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.7	U	53.7	80.7	110	ug/Kg
100-51-6	Benzyl Alcohol	51.5	U	51.5	170	200	ug/Kg
95-48-7	2-Methylphenol	50.1	U	50.1	80.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.4	U	56.4	80.7	110	ug/Kg
98-86-2	Acetophenone	54	U	54	80.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.6	U	49.6	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25	U	25	49.7	49.7	ug/Kg
67-72-1	Hexachloroethane	51.5	U	51.5	80.7	110	ug/Kg
98-95-3	Nitrobenzene	56.4	U	56.4	80.7	110	ug/Kg
78-59-1	Isophorone	52.5	U	52.5	80.7	110	ug/Kg
88-75-5	2-Nitrophenol	58.7	U	58.7	80.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	57.9	U	57.9	80.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.3	U	53.3	80.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	46.9	U	46.9	80.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53	U	53	80.7	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	51.3	U	51.3	80.7	110	ug/Kg
106-47-8	4-Chloroaniline	51.3	U	51.3	80.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.7	U	51.7	80.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF102524
Lab Sample ID:	P4512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140043.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.9	U	53.9	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.1	U	48.1	80.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.2	U	51.2	80.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.9	U	96.9	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.3	U	44.3	80.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	80.7	110	ug/Kg
92-52-4	1,1-Biphenyl	54.3	U	54.3	80.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.7	U	51.7	80.7	110	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	80.7	110	ug/Kg
131-11-3	Dimethylphthalate	50.7	U	50.7	80.7	110	ug/Kg
208-96-8	Acenaphthylene	53.7	U	53.7	80.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.7	U	51.7	80.7	110	ug/Kg
99-09-2	3-Nitroaniline	55.4	U	55.4	80.7	110	ug/Kg
83-32-9	Acenaphthene	50.4	U	50.4	80.7	110	ug/Kg
Total PAH	Total PAH	2214.7	U	822.9	80.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	72	U	72	170	200	ug/Kg
132-64-9	Dibenzofuran	52.4	U	52.4	80.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.5	U	53.5	80.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.2	U	105.2	80.7	220	ug/Kg
84-66-2	Diethylphthalate	49.7	U	49.7	80.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.2	U	53.2	80.7	110	ug/Kg
86-73-7	Fluorene	53.1	U	53.1	80.7	110	ug/Kg
100-01-6	4-Nitroaniline	66.4	U	66.4	80.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.7	U	72.7	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.7	U	50.7	80.7	110	ug/Kg
103-33-3	Azobenzene	49.4	U	49.4	80.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	80.7	110	ug/Kg
118-74-1	Hexachlorobenzene	52.8	U	52.8	80.7	110	ug/Kg
1912-24-9	Atrazine	56.8	U	56.8	80.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF102524
Lab Sample ID:	P4512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140043.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48	U	48	170	200	ug/Kg
85-01-8	Phenanthrene	260		52.2	80.7	110	ug/Kg
120-12-7	Anthracene	61.4	J	52.4	80.7	110	ug/Kg
86-74-8	Carbazole	49.9	U	49.9	80.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.3	U	52.3	80.7	110	ug/Kg
206-44-0	Fluoranthene	430		50.7	80.7	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	260		51.5	80.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.1	U	60.1	80.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.2	U	61.2	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	220		50.1	80.7	110	ug/Kg
218-01-9	Chrysene	200		49.4	80.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.5	U	56.5	80.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.3	U	68.3	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		50.4	80.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		51.3	80.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	210		57.8	80.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.2	J	48.5	80.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.4	U	50.4	80.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.1	J	49.7	80.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.9	U	53.9	80.7	110	ug/Kg
123-91-1	1,4-Dioxane	68.3	U	68.3	80.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.4	U	46.4	80.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.7	U	51.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.45		18-112		63	SPK: -150
13127-88-3	Phenol-d6	90.845		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	74.859		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	79.764		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF102524
Lab Sample ID:	P4512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140043.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.1		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	58.076		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97074	6.886				
1146-65-2	Naphthalene-d8	365120	8.169				
15067-26-2	Acenaphthene-d10	188796	9.922				
1517-22-2	Phenanthrene-d10	278132	11.41				
1719-03-5	Chrysene-d12	212386	14.051				
1520-96-3	Perylene-d12	237460	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000534-26-9	1H-Imidazole, 4,5-dihydro-2-methyl	100	J			5.992	
1000309-21-8	Sulfurous acid, cyclohexylmethyl n	51.1	J			6.287	
000119-61-9	Benzophenone	140	J			10.633	
000057-10-3	n-Hexadecanoic acid	220	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	65.4	J			12.022	
000057-11-4	Octadecanoic acid	54	J			12.716	
000295-48-7	Cyclopentadecane	84	J			13.892	
004602-84-0	2,6,10-Dodecatrien-1-ol, 3,7,11-tr	42.2	J			14.91	
1010352-68-0	Oleyl alcohol, methyl ether	100	J			14.974	
000593-45-3	Octadecane	49.9	J			15.174	
000192-97-2	Benzo[e]pyrene	110	J			15.204	
000198-55-0	Perylene	120	J			15.398	
000629-94-7	Heneicosane	72.2	J			16.009	
	unknown16.080	61.9	J			16.08	
000224-41-9	Dibenz[a,j]anthracene	64	J			16.827	

Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM		
Project:				Date Received:	10/21/2024 12:00:00 AM		
Client Sample ID:	BP-F-6			SDG No.:	BF102524		
Lab Sample ID:	P4472-05			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.9		
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
BF140044.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.1	U	57.1	180	220	ug/Kg
110-86-1	Pyridine	52.5	U	52.5	85.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.7	U	63.7	85.5	110	ug/Kg
108-95-2	Phenol	54.5	U	54.5	85.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	55	85.5	110	ug/Kg
95-57-8	2-Chlorophenol	54.9	U	54.9	85.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.6	U	55.6	85.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.6	U	56.6	85.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.9	U	56.9	85.5	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53	U	53	85.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.8	U	59.8	85.5	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.5	U	52.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.6	52.6	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.5	110	ug/Kg
98-95-3	Nitrobenzene	59.7	U	59.7	85.5	110	ug/Kg
78-59-1	Isophorone	55.6	U	55.6	85.5	110	ug/Kg
88-75-5	2-Nitrophenol	62.1	U	62.1	85.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.3	U	61.3	85.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.4	U	56.4	85.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.2	U	56.2	85.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.3	U	54.3	85.5	110	ug/Kg
106-47-8	4-Chloroaniline	54.3	U	54.3	85.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BF102524
Lab Sample ID:	P4472-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140044.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.1	U	57.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	85.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.2	U	54.2	85.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	85.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.5	110	ug/Kg
92-52-4	1,1-Biphenyl	57.5	U	57.5	85.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.5	110	ug/Kg
88-74-4	2-Nitroaniline	62.5	U	62.5	85.5	110	ug/Kg
131-11-3	Dimethylphthalate	53.7	U	53.7	85.5	110	ug/Kg
208-96-8	Acenaphthylene	56.9	U	56.9	85.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.7	U	54.7	85.5	110	ug/Kg
99-09-2	3-Nitroaniline	58.7	U	58.7	85.5	110	ug/Kg
83-32-9	Acenaphthene	53.3	U	53.3	85.5	110	ug/Kg
Total PAH	Total PAH	871.4	U	871.4	85.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.3	U	76.3	180	220	ug/Kg
132-64-9	Dibenzofuran	55.5	U	55.5	85.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.7	U	56.7	85.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.4	U	111.4	85.5	220	ug/Kg
84-66-2	Diethylphthalate	52.7	U	52.7	85.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.3	U	56.3	85.5	110	ug/Kg
86-73-7	Fluorene	56.2	U	56.2	85.5	110	ug/Kg
100-01-6	4-Nitroaniline	70.4	U	70.4	85.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.9	U	76.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.5	110	ug/Kg
103-33-3	Azobenzene	52.3	U	52.3	85.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.5	110	ug/Kg
118-74-1	Hexachlorobenzene	55.9	U	55.9	85.5	110	ug/Kg
1912-24-9	Atrazine	60.1	U	60.1	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BF102524
Lab Sample ID:	P4472-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140044.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.8	U	50.8	180	220	ug/Kg
85-01-8	Phenanthrene	62.6	J	55.2	85.5	110	ug/Kg
120-12-7	Anthracene	55.5	U	55.5	85.5	110	ug/Kg
86-74-8	Carbazole	52.8	U	52.8	85.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.4	U	55.4	85.5	110	ug/Kg
206-44-0	Fluoranthene	110		53.7	85.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.6	U	54.6	85.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.7	U	63.7	85.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.8	U	64.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.1	U	53.1	85.5	110	ug/Kg
218-01-9	Chrysene	52.3	U	52.3	85.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.8	U	59.8	85.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.3	U	72.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.3	U	53.3	85.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.3	U	54.3	85.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.2	U	61.2	85.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	U	51.4	85.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.4	U	53.4	85.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.7	U	52.7	85.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.1	U	57.1	85.5	110	ug/Kg
123-91-1	1,4-Dioxane	72.3	U	72.3	85.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.1	U	49.1	85.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.7	U	54.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.851		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.105		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	57.619		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	64.673		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BF102524
Lab Sample ID:	P4472-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140044.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.427		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	41.838		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99385	6.887				
1146-65-2	Naphthalene-d8	351142	8.169				
15067-26-2	Acenaphthene-d10	156879	9.922				
1517-22-2	Phenanthrene-d10	244143	11.41				
1719-03-5	Chrysene-d12	233048	14.051				
1520-96-3	Perylene-d12	195759	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.152	
000112-40-3	Dodecane	45.2	J			10.351	
000119-61-9	Benzophenone	200	J			10.633	
000629-50-5	Tridecane	85.3	J			10.828	
000629-94-7	Heneicosane	58.5	J			11.275	
000646-31-1	Tetracosane	44.7	J			11.698	
000057-10-3	n-Hexadecanoic acid	180	J			11.933	
000112-95-8	Eicosane	47.6	J			12.11	
000057-11-4	Octadecanoic acid	53.9	J			12.716	
000593-45-3	Octadecane	48.4	J			13.227	
074685-33-9	3-Eicosene, (E)-	96.2	J			13.898	
000112-84-5	13-Docosenamide, (Z)-	110	J			14.81	

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140045.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.5	U	57.5	180	220	ug/Kg
110-86-1	Pyridine	52.9	U	52.9	86.1	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.2	U	64.2	86.1	110	ug/Kg
108-95-2	Phenol	54.9	U	54.9	86.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.4	U	55.4	86.1	110	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	86.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56	U	56	86.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57	U	57	86.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.3	U	57.3	86.1	110	ug/Kg
100-51-6	Benzyl Alcohol	55	U	55	180	220	ug/Kg
95-48-7	2-Methylphenol	53.4	U	53.4	86.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.2	U	60.2	86.1	110	ug/Kg
98-86-2	Acetophenone	57.6	U	57.6	86.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.9	U	52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	55	U	55	86.1	110	ug/Kg
98-95-3	Nitrobenzene	60.1	U	60.1	86.1	110	ug/Kg
78-59-1	Isophorone	56	U	56	86.1	110	ug/Kg
88-75-5	2-Nitrophenol	62.6	U	62.6	86.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.7	U	61.7	86.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.8	U	56.8	86.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	86.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.6	U	56.6	86.1	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	86.1	110	ug/Kg
106-47-8	4-Chloroaniline	54.7	U	54.7	86.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.2	U	55.2	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140045.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.5	U	57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.3	U	51.3	86.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.6	U	54.6	86.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.3	U	47.3	86.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	86.1	110	ug/Kg
92-52-4	1,1-Biphenyl	57.9	U	57.9	86.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.2	U	55.2	86.1	110	ug/Kg
88-74-4	2-Nitroaniline	62.9	U	62.9	86.1	110	ug/Kg
131-11-3	Dimethylphthalate	54.1	U	54.1	86.1	110	ug/Kg
208-96-8	Acenaphthylene	57.3	U	57.3	86.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.1	U	55.1	86.1	110	ug/Kg
99-09-2	3-Nitroaniline	59.1	U	59.1	86.1	110	ug/Kg
83-32-9	Acenaphthene	53.7	U	53.7	86.1	110	ug/Kg
Total PAH	Total PAH	877.6	U	877.6	86.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.8	U	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	55.9	U	55.9	86.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	12.2	U	112.2	86.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.1	U	57.1	86.1	110	ug/Kg
84-66-2	Diethylphthalate	53.1	U	53.1	86.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.7	U	56.7	86.1	110	ug/Kg
86-73-7	Fluorene	56.6	U	56.6	86.1	110	ug/Kg
100-01-6	4-Nitroaniline	70.9	U	70.9	86.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.5	U	77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54	U	54	86.1	110	ug/Kg
103-33-3	Azobenzene	52.7	U	52.7	86.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.3	U	52.3	86.1	110	ug/Kg
118-74-1	Hexachlorobenzene	56.3	U	56.3	86.1	110	ug/Kg
1912-24-9	Atrazine	60.5	U	60.5	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140045.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.2	U	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	55.6	U	55.6	86.1	110	ug/Kg
120-12-7	Anthracene	55.9	U	55.9	86.1	110	ug/Kg
86-74-8	Carbazole	53.2	U	53.2	86.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.8	U	55.8	86.1	110	ug/Kg
206-44-0	Fluoranthene	54.1	U	54.1	86.1	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55	U	55	86.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.1	U	64.1	86.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.3	U	65.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.4	U	53.4	86.1	110	ug/Kg
218-01-9	Chrysene	52.7	U	52.7	86.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.3	U	60.3	86.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.9	U	72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.7	U	53.7	86.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.7	U	54.7	86.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.6	U	61.6	86.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.7	U	51.7	86.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.8	U	53.8	86.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.1	U	53.1	86.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.5	U	57.5	86.1	110	ug/Kg
123-91-1	1,4-Dioxane	72.9	U	72.9	86.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.5	U	49.5	86.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.1	U	55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.29		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.466		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	71.223		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	72.333		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B5	SDG No.:	BF102524
Lab Sample ID:	P4487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140045.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.061		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	54.841		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102569	6.887				
1146-65-2	Naphthalene-d8	396397	8.169				
15067-26-2	Acenaphthene-d10	204955	9.922				
1517-22-2	Phenanthrene-d10	301912	11.41				
1719-03-5	Chrysene-d12	206250	14.051				
1520-96-3	Perylene-d12	165894	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	590	J			2.193	
000107-86-8	2-Butenal, 3-methyl-	76.2	J			5.993	
001119-40-0	Pentanedioic acid, dimethyl ester	49.9	J			7.698	
000119-61-9	Benzophenone	340	J			10.639	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	51	J			10.945	
000057-10-3	n-Hexadecanoic acid	300	J			11.933	
000057-11-4	Octadecanoic acid	64	J			12.716	
1000155-85-3	Cyclohexadecane, 1,2-diethyl-	190	J			13.892	
000112-84-5	13-Docosenamide, (Z)-	210	J			14.81	
000111-02-4	Squalene	64.9	J			14.904	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	72-11986	SDG No.:	BF102524
Lab Sample ID:	P4516-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140046.D	5	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	900	1100	ug/Kg
110-86-1	Pyridine	270	U	270	430	570	ug/Kg
100-52-7	Benzaldehyde	610	U	610	900	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	570	ug/Kg
108-95-2	Phenol	280	U	280	430	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	570	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	430	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	570	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	900	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	570	ug/Kg
98-86-2	Acetophenone	290	U	290	430	570	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	900	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	430	570	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	570	ug/Kg
78-59-1	Isophorone	280	U	280	430	570	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	570	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	430	570	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	570	ug/Kg
65-85-0	Benzoic acid	790	U	790	900	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	570	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	430	570	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	72-11986	SDG No.:	BF102524
Lab Sample ID:	P4516-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140046.D	5	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	900	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	570	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	900	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	430	570	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	430	570	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	430	570	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	570	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	430	570	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	430	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	570	ug/Kg
Total PAH	Total PAH	13200	U	4400	430	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	810	U	810	900	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	900	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	430	1140	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	430	570	ug/Kg
84-66-2	Diethylphthalate	270	U	270	430	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	570	ug/Kg
86-73-7	Fluorene	280	U	280	430	570	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	430	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	900	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	570	ug/Kg
103-33-3	Azobenzene	260	U	260	430	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	570	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	570	ug/Kg
1912-24-9	Atrazine	300	U	300	430	570	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	72-11986	SDG No.:	BF102524
Lab Sample ID:	P4516-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140046.D	5	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	900	1100	ug/Kg
85-01-8	Phenanthrene	1200		280	430	570	ug/Kg
120-12-7	Anthracene	280	U	280	430	570	ug/Kg
86-74-8	Carbazole	270	U	270	430	570	ug/Kg
84-74-2	Di-n-butylphthalate	940		280	430	570	ug/Kg
206-44-0	Fluoranthene	2700		270	430	570	ug/Kg
92-87-5	Benzidine	540	U	540	900	1100	ug/Kg
129-00-0	Pyrene	1800		280	430	570	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	900	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1200		270	430	570	ug/Kg
218-01-9	Chrysene	1200		260	430	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		300	430	570	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	900	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		270	430	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	700		270	430	570	ug/Kg
50-32-8	Benzo(a)pyrene	1300		310	430	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640		260	430	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	760		270	430	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	570	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	430	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	570	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.61		18-112		46	SPK: -150
13127-88-3	Phenol-d6	66.47		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	53.91		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	64.74		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	72-11986	SDG No.:	BF102524
Lab Sample ID:	P4516-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140046.D	5	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.995		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	44.16		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107268	6.887				
1146-65-2	Naphthalene-d8	382518	8.169				
15067-26-2	Acenaphthene-d10	171228	9.928				
1517-22-2	Phenanthrene-d10	231635	11.416				
1719-03-5	Chrysene-d12	170231	14.074				
1520-96-3	Perylene-d12	152626	15.551				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	NASSAU-ST-CO	SDG No.:	BF102524
Lab Sample ID:	P4517-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140047.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.4	U	48.4	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.6	U	49.6	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.6	U	49.6	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	NASSAU-ST-CO	SDG No.:	BF102524
Lab Sample ID:	P4517-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140047.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.7	U	48.7	78	100	ug/Kg
Total PAH	Total PAH	795.2	U	795.2	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48.1	U	48.1	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49	U	49	78	100	ug/Kg
103-33-3	Azobenzene	47.8	U	47.8	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	NASSAU-ST-CO	SDG No.:	BF102524
Lab Sample ID:	P4517-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140047.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.871		18-112		63	SPK: -150
13127-88-3	Phenol-d6	91.596		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	75.8		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	81.186		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	NASSAU-ST-CO	SDG No.:	BF102524
Lab Sample ID:	P4517-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140047.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.215		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	67.611		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100159	6.887				
1146-65-2	Naphthalene-d8	377043	8.169				
15067-26-2	Acenaphthene-d10	189805	9.922				
1517-22-2	Phenanthrene-d10	286510	11.41				
1719-03-5	Chrysene-d12	193966	14.051				
1520-96-3	Perylene-d12	150645	15.527				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-2	SDG No.:	BF102524
Lab Sample ID:	P4517-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140048.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-2	SDG No.:	BF102524
Lab Sample ID:	P4517-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140048.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-2	SDG No.:	BF102524
Lab Sample ID:	P4517-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140048.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.504		18-112		41	SPK: -150
13127-88-3	Phenol-d6	71.069		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	67.115		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	76.385		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	S.JEFFERSON-CO-2	SDG No.:	BF102524
Lab Sample ID:	P4517-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140048.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.544		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	59.578		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89837	6.887				
1146-65-2	Naphthalene-d8	327168	8.169				
15067-26-2	Acenaphthene-d10	155637	9.922				
1517-22-2	Phenanthrene-d10	239690	11.41				
1719-03-5	Chrysene-d12	187201	14.051				
1520-96-3	Perylene-d12	148551	15.527				

Hit Summary Sheet SW-846

SDG No.: BF102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-1								
P4467-01	TP-1	Solid	Benzophenone	*	190.000	J		
P4467-01	TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P4467-01	TP-1	Solid	n-Hexadecanoic acid	*	87.700	J		
P4467-01	TP-1	Solid	Octacosyl trifluoroacetate	*	110.000	J		
Total Tics :					2,187.70			
Total Concentration:					2,187.70			
Client ID : BP-F-6								
P4472-05	BP-F-6	Solid	13-Docosenamide, (Z)-	*	110.000	J		
P4472-05	BP-F-6	Solid	3-Eicosene, (E)-	*	96.200	J		
P4472-05	BP-F-6	Solid	Benzophenone	*	200.000	J		
P4472-05	BP-F-6	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4472-05	BP-F-6	Solid	Dodecane	*	45.200	J		
P4472-05	BP-F-6	Solid	Eicosane	*	47.600	J		
P4472-05	BP-F-6	Solid	Heneicosane	*	58.500	J		
P4472-05	BP-F-6	Solid	n-Hexadecanoic acid	*	180.000	J		
P4472-05	BP-F-6	Solid	Octadecane	*	48.400	J		
P4472-05	BP-F-6	Solid	Octadecanoic acid	*	53.900	J		
P4472-05	BP-F-6	Solid	Tetracosane	*	44.700	J		
P4472-05	BP-F-6	Solid	Tridecane	*	85.300	J		
Total Tics :					2,069.80			
P4472-05	BP-F-6	Solid	Fluoranthene		110.000		53.7	110 ug/Kg
P4472-05	BP-F-6	Solid	Phenanthrene		62.600	J	55.2	110 ug/Kg
Total Svoc :					172.60			
Total Concentration:					2,242.40			
Client ID : D20241001-01-04								
P4485-01	D20241001-01-04	Solid	2-Pentenal, (E)-	*	89.300	J		
P4485-01	D20241001-01-04	Solid	Benzophenone	*	440.000	J		
P4485-01	D20241001-01-04	Solid	Butane, 2-methoxy-2-methyl-	*	860.000	J		
P4485-01	D20241001-01-04	Solid	Linoelaidic acid	*	220.000	J		
P4485-01	D20241001-01-04	Solid	Methanone, (1-hydroxycyclohexy	*	72.800	J		
P4485-01	D20241001-01-04	Solid	n-Hexadecanoic acid	*	280.000	J		
P4485-01	D20241001-01-04	Solid	Pentadecafluorooctanoic acid, oct	*	140.000	J		
P4485-01	D20241001-01-04	Solid	Supraene	*	97.900	J		
P4485-01	D20241001-01-04	Solid	Undecanoic acid	*	72.800	J		
Total Tics :					2,272.80			
Total Concentration:					2,272.80			

Hit Summary Sheet SW-846

SDG No.: BF102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BP-B5								
P4487-01	BP-B5	Solid	13-Docosenamide, (Z)-	*	210.000	J		
P4487-01	BP-B5	Solid	2-Butenal, 3-methyl-	*	76.200	J		
P4487-01	BP-B5	Solid	Benzophenone	*	340.000	J		
P4487-01	BP-B5	Solid	Butane, 2-methoxy-2-methyl-	*	590.000	J		
P4487-01	BP-B5	Solid	Cyclohexadecane, 1,2-diethyl-	*	190.000	J		
P4487-01	BP-B5	Solid	Methanone, (1-hydroxycyclohexy	*	51.000	J		
P4487-01	BP-B5	Solid	n-Hexadecanoic acid	*	300.000	J		
P4487-01	BP-B5	Solid	Octadecanoic acid	*	64.000	J		
P4487-01	BP-B5	Solid	Pentanedioic acid, dimethyl ester	*	49.900	J		
P4487-01	BP-B5	Solid	Squalene	*	64.900	J		
Total Tics :					1,936.00			
Total Concentration:					1,936.00			
Client ID : BP-B5								
P4487-04	BP-B5	water	Benzidine		120.000	40.7	100	ug/L
Total Svoc :					120.00			
Total Concentration:					120.00			
Client ID : VNJ-212								
P4512-03	VNJ-212	Solid	1H-Imidazole, 4,5-dihydro-2-metl	*	100.000	J		
P4512-03	VNJ-212	Solid	2,6,10-Dodecatrien-1-ol, 3,7,11-tr	*	42.200	J		
P4512-03	VNJ-212	Solid	4H-Cyclopenta[def]phenanthrene	*	65.400	J		
P4512-03	VNJ-212	Solid	Benzo[e]pyrene	*	110.000	J		
P4512-03	VNJ-212	Solid	Benzophenone	*	140.000	J		
P4512-03	VNJ-212	Solid	Cyclopentadecane	*	84.000	J		
P4512-03	VNJ-212	Solid	Dibenz[a,j]anthracene	*	64.000	J		
P4512-03	VNJ-212	Solid	Heneicosane	*	72.200	J		
P4512-03	VNJ-212	Solid	n-Hexadecanoic acid	*	220.000	J		
P4512-03	VNJ-212	Solid	Octadecane	*	49.900	J		
P4512-03	VNJ-212	Solid	Octadecanoic acid	*	54.000	J		
P4512-03	VNJ-212	Solid	Oleyl alcohol, methyl ether	*	100.000	J		
P4512-03	VNJ-212	Solid	Perylene	*	120.000	J		
P4512-03	VNJ-212	Solid	Sulfurous acid, cyclohexylmethyl	*	51.100	J		
P4512-03	VNJ-212	Solid	unknown16.080	*	61.900	J		
Total Tics :					1,334.70			
P4512-03	VNJ-212	Solid	Anthracene		61.400	J	52.4	110 ug/Kg
P4512-03	VNJ-212	Solid	Benzo(a)anthracene		220.000		50.1	110 ug/Kg
P4512-03	VNJ-212	Solid	Benzo(a)pyrene		210.000		57.8	110 ug/Kg
P4512-03	VNJ-212	Solid	Benzo(b)fluoranthene		270.000		50.4	110 ug/Kg
P4512-03	VNJ-212	Solid	Benzo(g,h,i)perylene		96.100	J	49.7	110 ug/Kg
P4512-03	VNJ-212	Solid	Benzo(k)fluoranthene		120.000		51.3	110 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4512-03	VNJ-212	Solid	Chrysene	200.000		49.4	110	ug/Kg
P4512-03	VNJ-212	Solid	Fluoranthene	430.000		50.7	110	ug/Kg
P4512-03	VNJ-212	Solid	Indeno(1,2,3-cd)pyrene	87.200	J	48.5	110	ug/Kg
P4512-03	VNJ-212	Solid	Phenanthrene	260.000		52.2	110	ug/Kg
P4512-03	VNJ-212	Solid	Pyrene	260.000		51.5	110	ug/Kg
Total Svoc :						2,214.70		
Total Concentration:						3,549.40		

Client ID : CHVB0783

P4515-01	CHVB0783	Solid	1-Methoxy-naphthoic acid	*	130.000	J		
P4515-01	CHVB0783	Solid	1H-Imidazole, 4,5-dihydro-2-metl	*	160.000	J		
P4515-01	CHVB0783	Solid	2,6-Dimethylphenyl isocyanate	*	89.600	J		
P4515-01	CHVB0783	Solid	5-Ethyl-4,7-dihydro-2-methyl-7-o	*	160.000	J		
P4515-01	CHVB0783	Solid	5-Methylhexanoic acid	*	120.000	J		
P4515-01	CHVB0783	Solid	Benzophenone	*	180.000	J		
P4515-01	CHVB0783	Solid	Butanoic acid, 2-methyl-	*	110.000	J		
P4515-01	CHVB0783	Solid	n-Hexadecanoic acid	*	860.000	J		
P4515-01	CHVB0783	Solid	Octadecanoic acid	*	250.000	J		
P4515-01	CHVB0783	Solid	Pentane, 3-ethyl-	*	100.000	J		
P4515-01	CHVB0783	Solid	Pentanoic acid, 2-methyl-	*	160.000	J		
P4515-01	CHVB0783	Solid	Supraene	*	100.000	J		
P4515-01	CHVB0783	Solid	unknown16.268	*	110.000	J		
P4515-01	CHVB0783	Solid	unknown7.075	*	310.000	J		
Total Tics :						2,839.60		
P4515-01	CHVB0783	Solid	3+4-Methylphenols		1,700.000	100	420	ug/Kg
Total Svoc :						1,700.00		
Total Concentration:						4,539.60		

Client ID : 72-11986

P4516-01	72-11986	Solid	Benzo(a)anthracene		1,200.000	270	570	ug/Kg
P4516-01	72-11986	Solid	Benzo(a)pyrene		1,300.000	310	570	ug/Kg
P4516-01	72-11986	Solid	Benzo(b)fluoranthene		1,700.000	270	570	ug/Kg
P4516-01	72-11986	Solid	Benzo(g,h,i)perylene		760.000	270	570	ug/Kg
P4516-01	72-11986	Solid	Benzo(k)fluoranthene		700.000	270	570	ug/Kg
P4516-01	72-11986	Solid	Bis(2-ethylhexyl)phthalate		3,500.000	300	570	ug/Kg
P4516-01	72-11986	Solid	Chrysene		1,200.000	260	570	ug/Kg
P4516-01	72-11986	Solid	Di-n-butylphthalate		940.000	280	570	ug/Kg
P4516-01	72-11986	Solid	Fluoranthene		2,700.000	270	570	ug/Kg
P4516-01	72-11986	Solid	Indeno(1,2,3-cd)pyrene		640.000	260	570	ug/Kg
P4516-01	72-11986	Solid	Phenanthrene		1,200.000	280	570	ug/Kg
P4516-01	72-11986	Solid	Pyrene		1,800.000	280	570	ug/Kg
Total Svoc :						17,640.00		



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

Hit Summary Sheet
SW-846

SDG No.: BF102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					17,640.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.815	0.800	0.799	0.806	0.782	0.793	2.4
Pyridine		1.622	1.570	1.522	1.504	1.386	1.476	7.3
2-Fluorophenol		1.465	1.398	1.331	1.278	1.179	1.278	10.1
Benzaldehyde			1.137	1.042	0.940	0.873	0.931	15.2
Aniline		1.673	1.649	1.618	1.582	1.471	1.542	8.1
Phenol-d6		1.900	1.818	1.709	1.647	1.538	1.655	10.1
Phenol		1.952	1.832	1.760	1.712	1.583	1.706	9.2
bis(2-Chloroethyl)ether		1.470	1.423	1.359	1.294	1.251	1.319	7.8
2-Chlorophenol		1.503	1.422	1.358	1.310	1.212	1.306	10.2
1,2-Dichlorobenzene		1.660	1.579	1.478	1.379	1.273	1.398	13.2
1,3-Dichlorobenzene		1.718	1.656	1.544	1.499	1.392	1.499	10.2
1,4-Dichlorobenzene		1.723	1.641	1.558	1.487	1.392	1.498	10.2
Benzyl Alcohol		1.355	1.299	1.257	1.213	1.154	1.214	8.1
2-Methylphenol		1.264	1.164	1.134	1.114	1.053	1.114	7.7
2,2-oxybis(1-Chloropropane)		2.524	2.409	2.353	2.255	2.117	2.248	8.7
Acetophenone		0.578	0.533	0.516	0.481	0.452	0.490	11.4
3+4-Methylphenols		1.678	1.573	1.520	1.418	1.309	1.424	12.4
n-Nitroso-di-n-propylamine	1.105	1.141	1.066	1.025	0.974	0.921	1.004	9.6
Nitrobenzene-d5		0.365	0.365	0.372	0.371	0.354	0.361	2.9
Hexachloroethane		0.583	0.571	0.549	0.541	0.507	0.534	7.1
Nitrobenzene		0.417	0.402	0.408	0.403	0.383	0.396	4.1
Isophorone		0.755	0.709	0.702	0.679	0.652	0.685	5.9
2-Nitrophenol		0.124	0.137	0.150	0.157	0.158	0.149	9.2
2,4-Dimethylphenol		0.285	0.259	0.256	0.248	0.237	0.249	8.1
bis(2-Chloroethoxy)methane		0.468	0.440	0.432	0.412	0.394	0.415	8.2
2,4-Dichlorophenol		0.308	0.297	0.293	0.283	0.272	0.283	6.2
1,2,4-Trichlorobenzene		0.351	0.331	0.325	0.315	0.298	0.314	7.7
Benzoic acid			0.175	0.207	0.220	0.231	0.217	10.7
Naphthalene		1.209	1.121	1.091	1.023	0.958	1.031	11.2
4-Chloroaniline		0.397	0.382	0.368	0.351	0.332	0.352	9.3
Hexachlorobutadiene		0.224	0.206	0.203	0.197	0.185	0.197	8.0
Caprolactam		0.092	0.092	0.092	0.092	0.088	0.090	2.9
4-Chloro-3-methylphenol		0.341	0.328	0.324	0.315	0.299	0.314	6.0
2-Methylnaphthalene		0.740	0.689	0.666	0.621	0.587	0.632	11.1
Hexachlorocyclopentadiene		0.185	0.193	0.198	0.198	0.186	0.188	5.3
2,4,6-Trichlorophenol		0.405	0.382	0.400	0.387	0.363	0.382	4.8

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.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D		RRF005 = BF139845.D		RRF010 = BF139846.D		
		RRF020 = BF139847.D		RRF040 = BF139848.D		RRF050 = BF139849.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.396	1.280	1.162	1.088	1.210	16.0
2,4,5-Trichlorophenol		0.426	0.425	0.398	0.401	0.381	0.394	6.6
1,1-Biphenyl		1.640	1.536	1.483	1.379	1.285	1.392	12.2
2-Chloronaphthalene		1.288	1.225	1.164	1.111	1.048	1.121	10.0
2-Nitroaniline		0.299	0.318	0.353	0.365	0.354	0.343	7.2
Dimethylphthalate		1.410	1.344	1.283	1.237	1.172	1.246	8.6
Acenaphthylene		1.854	1.756	1.717	1.615	1.507	1.621	10.1
2,6-Dinitrotoluene		0.256	0.266	0.278	0.280	0.273	0.270	3.4
3-Nitroaniline		0.270	0.275	0.296	0.292	0.276	0.278	4.8
Acenaphthene		1.200	1.136	1.089	1.044	0.977	1.049	9.5
2,4-Dinitrophenol			0.056	0.077	0.101	0.101	0.093	23.9
4-Nitrophenol		0.187	0.207	0.225	0.232	0.219	0.214	6.8
Dibenzofuran		1.767	1.659	1.579	1.486	1.389	1.505	11.5
2,4-Dinitrotoluene		0.280	0.314	0.337	0.356	0.344	0.332	7.9
Diethylphthalate		1.366	1.308	1.267	1.214	1.165	1.223	8.0
4-Chlorophenyl-phenylether		0.698	0.638	0.617	0.569	0.526	0.579	13.1
Fluorene		1.409	1.309	1.201	1.110	1.029	1.146	14.7
4-Nitroaniline		0.249	0.259	0.270	0.275	0.263	0.263	3.6
4,6-Dinitro-2-methylphenol			0.055	0.072	0.087	0.090	0.082	18.6
n-Nitrosodiphenylamine		0.672	0.641	0.621	0.595	0.568	0.599	8.1
Azobenzene		1.459	1.385	1.355	1.306	1.216	1.297	8.6
2,4,6-Tribromophenol		0.201	0.196	0.193	0.188	0.179	0.187	5.5
4-Bromophenyl-phenylether		0.230	0.217	0.211	0.202	0.197	0.206	7.0
Hexachlorobenzene		0.258	0.245	0.237	0.231	0.217	0.232	7.2
Atrazine		0.189	0.175	0.156	0.175	0.135	0.162	11.4
Pentachlorophenol		0.118	0.137	0.148	0.152	0.145	0.141	8.0
Phenanthrene		1.121	1.035	0.994	0.933	0.863	0.945	11.8
Anthracene		1.082	1.014	0.972	0.913	0.851	0.922	11.5
Carbazole		1.002	0.964	0.923	0.846	0.776	0.857	12.6
Di-n-butylphthalate		1.104	1.071	1.062	1.014	0.923	0.990	9.8
Fluoranthene		1.149	1.108	1.036	0.943	0.842	0.955	15.3
Benzidine		0.457	0.461	0.293	0.366	0.276	0.329	30.9
Pyrene		1.892	1.828	1.900	1.805	1.685	1.751	8.4
Terphenyl-d14		1.381	1.335	1.340	1.244	1.154	1.227	11.0
Butylbenzylphthalate		0.490	0.513	0.536	0.555	0.535	0.525	4.0
3,3-Dichlorobenzidine		0.368	0.372	0.390	0.387	0.374	0.380	2.2

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.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024 _____
Calibration Time(s): 10:27 _____

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.425	1.355	1.329	1.331	1.267	1.302	6.5
Chrysene		1.325	1.244	1.234	1.167	1.134	1.194	6.5
Bis(2-ethylhexyl)phthalate		0.520	0.539	0.577	0.626	0.620	0.589	7.5
Di-n-octyl phthalate			0.786	0.930	1.135	1.182	1.071	16.1
Benzo(b)fluoranthene		1.317	1.240	1.319	1.196	1.105	1.218	7.1
Benzo(k)fluoranthene		1.213	1.177	0.992	1.066	1.030	1.051	10.4
Benzo(a)pyrene		1.030	1.024	1.018	1.025	0.974	1.002	3.1
Indeno(1,2,3-cd)pyrene		1.209	1.261	1.307	1.352	1.299	1.287	3.8
Dibenzo(a,h)anthracene		1.021	1.064	1.103	1.120	1.083	1.073	3.3
Benzo(g,h,i)perylene		1.030	1.046	1.090	1.128	1.081	1.072	3.4
1,2,4,5-Tetrachlorobenzene		0.609	0.579	0.562	0.537	0.512	0.540	8.7
1,4-Dioxane		0.651	0.625	0.603	0.591	0.571	0.596	5.7
2,3,4,6-Tetrachlorophenol		0.334	0.322	0.326	0.310	0.296	0.309	6.3
1-Methylnaphthalene		0.726	0.683	0.655	0.612	0.569	0.620	11.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:17

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	181899	6.892	688880	8.18	379753	9.93
	UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
	LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
	EPA SAMPLE NO.						
01	PB164366BL	102510	6.89	392578	8.17	223570	9.93
02	PB164366BS	126264	6.89	495337	8.18	272629	9.93
03	PB164374BL	100466	6.89	385099	8.17	215593	9.92
04	PB164374BS	100886	6.89	391509	8.18	214233	9.93
05	PB164335TB	104379	6.89	404635	8.17	228419	9.92
06	PB164211BS	100609	6.89	384825	8.18	213533	9.93
07	PB164211BSD	90907 *	6.89	349292	8.17	193554	9.93
08	ETGI-331	91815	6.89	364282	8.17	207336	9.92
09	D20241001-01-04	100863	6.89	383998	8.17	224792	9.92
10	BP-B5	91241	6.89	352815	8.17	206482	9.92
11	S. JEFFERSON-CO-1	94205	6.89	371188	8.17	213232	9.92
12	TP-1	95035	6.89	367411	8.17	211186	9.92
13	BP-B5MS	98969	6.89	385080	8.17	221263	9.93
14	BP-B5MSD	96720	6.89	384393	8.17	222223	9.93
15	CHVB0783	101023	6.89	392765	8.17	224852	9.92
16	D20241001-01-04	84666 *	6.89	327697 *	8.17	185532 *	9.92
17	VNJ-212	97074	6.89	365120	8.17	188796 *	9.92
18	BP-F-6	99385	6.89	351142	8.17	156879 *	9.92
19	BP-B5	102569	6.89	396397	8.17	204955	9.92
20	72-11986	107268	6.89	382518	8.17	171228 *	9.93
21	NASSAU-ST-CO	100159	6.89	377043	8.17	189805 *	9.92
22	S. JEFFERSON-CO-2	89837 *	6.89	327168 *	8.17	155637 *	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 20:14

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	181899	6.892	688880	8.18	379753	9.93
UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
EPA SAMPLE NO.						

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.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF140026.D Time Analyzed: 10:17

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	100599	6.892	369482	8.18	203472	9.93
	UPPER LIMIT	201198	7.392	738964	8.675	406944	10.428
	LOWER LIMIT	50299.5	6.392	184741	7.675	101736	9.428
	EPA SAMPLE NO.						
01	PB164366BL	102510	6.89	392578	8.17	223570	9.93
02	PB164366BS	126264	6.89	495337	8.18	272629	9.93
03	PB164374BL	100466	6.89	385099	8.17	215593	9.92
04	PB164374BS	100886	6.89	391509	8.18	214233	9.93
05	PB164335TB	104379	6.89	404635	8.17	228419	9.92
06	PB164211BS	100609	6.89	384825	8.18	213533	9.93
07	PB164211BSD	90907	6.89	349292	8.17	193554	9.93
08	ETGI-331	91815	6.89	364282	8.17	207336	9.92
09	D20241001-01-04	100863	6.89	383998	8.17	224792	9.92
10	BP-B5	91241	6.89	352815	8.17	206482	9.92
11	S. JEFFERSON-CO-1	94205	6.89	371188	8.17	213232	9.92
12	TP-1	95035	6.89	367411	8.17	211186	9.92
13	BP-B5MS	98969	6.89	385080	8.17	221263	9.93
14	BP-B5MSD	96720	6.89	384393	8.17	222223	9.93
15	CHVB0783	101023	6.89	392765	8.17	224852	9.92
16	D20241001-01-04	84666	6.89	327697	8.17	185532	9.92
17	VNJ-212	97074	6.89	365120	8.17	188796	9.92
18	BP-F-6	99385	6.89	351142	8.17	156879	9.92
19	BP-B5	102569	6.89	396397	8.17	204955	9.92
20	72-11986	107268	6.89	382518	8.17	171228	9.93
21	NASSAU-ST-CO	100159	6.89	377043	8.17	189805	9.92
22	S. JEFFERSON-CO-2	89837	6.89	327168	8.17	155637	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF140026.D Time Analyzed: 20:14

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	100599	6.892	369482	8.18	203472	9.93
UPPER LIMIT	201198	7.392	738964	8.675	406944	10.428
LOWER LIMIT	50299.5	6.392	184741	7.675	101736	9.428
EPA SAMPLE NO.						

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.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:17

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	663459	11.416	345800	14.051	365076	15.527
	UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
	LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
	EPA SAMPLE NO.						
01	PB164366BL	398972	11.41	252987	14.05	198552	15.53
02	PB164366BS	490973	11.42	273728	14.06	251991	15.53
03	PB164374BL	387720	11.41	242877	14.05	193127	15.53
04	PB164374BS	384147	11.42	203575	14.06	193759	15.53
05	PB164335TB	408983	11.41	251030	14.05	202385	15.53
06	PB164211BS	385753	11.42	222466	14.06	209605	15.53
07	PB164211BSD	342208	11.42	182421	14.05	173566 *	15.53
08	ETGI-331	397004	11.41	243390	14.05	212729	15.53
09	D20241001-01-04	423437	11.41	261149	14.05	240822	15.53
10	BP-B5	385510	11.41	220193	14.05	220291	15.53
11	S.JEFFERSON-CO-1	409743	11.41	236507	14.05	226427	15.53
12	TP-1	397907	11.41	234920	14.05	228145	15.53
13	BP-B5MS	405556	11.42	215222	14.05	234806	15.53
14	BP-B5MSD	406780	11.42	215360	14.06	226810	15.53
15	CHVB0783	422640	11.41	237166	14.05	240038	15.53
16	D20241001-01-04	315779 *	11.41	170721 *	14.05	206653	15.53
17	VNJ-212	278132 *	11.41	212386	14.05	237460	15.53
18	BP-F-6	244143 *	11.41	233048	14.05	195759	15.53
19	BP-B5	301912 *	11.41	206250	14.05	165894 *	15.53
20	72-11986	231635 *	11.42	170231 *	14.07	152626 *	15.55
21	NASSAU-ST-CO	286510 *	11.41	193966	14.05	150645 *	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 20:14

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	663459	11.416	345800	14.051	365076	15.527
UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
EPA SAMPLE NO.						
22 S.JEFFERSON-CO-2	239690 *	11.41	187201	14.05	148551 *	15.53

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.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF140026.D Time Analyzed: 10:17

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	361854	11.416	185591	14.057	185466	15.533
	UPPER LIMIT	723708	11.916	371182	14.557	370932	16.033
	LOWER LIMIT	180927	10.916	92795.5	13.557	92733	15.033
	EPA SAMPLE NO.						
01	PB164366BL	398972	11.41	252987	14.05	198552	15.53
02	PB164366BS	490973	11.42	273728	14.06	251991	15.53
03	PB164374BL	387720	11.41	242877	14.05	193127	15.53
04	PB164374BS	384147	11.42	203575	14.06	193759	15.53
05	PB164335TB	408983	11.41	251030	14.05	202385	15.53
06	PB164211BS	385753	11.42	222466	14.06	209605	15.53
07	PB164211BSD	342208	11.42	182421	14.05	173566	15.53
08	ETGI-331	397004	11.41	243390	14.05	212729	15.53
09	D20241001-01-04	423437	11.41	261149	14.05	240822	15.53
10	BP-B5	385510	11.41	220193	14.05	220291	15.53
11	S.JEFFERSON-CO-1	409743	11.41	236507	14.05	226427	15.53
12	TP-1	397907	11.41	234920	14.05	228145	15.53
13	BP-B5MS	405556	11.42	215222	14.05	234806	15.53
14	BP-B5MSD	406780	11.42	215360	14.06	226810	15.53
15	CHVB0783	422640	11.41	237166	14.05	240038	15.53
16	D20241001-01-04	315779	11.41	170721	14.05	206653	15.53
17	VNJ-212	278132	11.41	212386	14.05	237460	15.53
18	BP-F-6	244143	11.41	233048	14.05	195759	15.53
19	BP-B5	301912	11.41	206250	14.05	165894	15.53
20	72-11986	231635	11.42	170231	14.07	152626	15.55
21	NASSAU-ST-CO	286510	11.41	193966	14.05	150645	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102524 SAS No.: BF102524 SDG NO.: BF102524

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BF140026.D Time Analyzed: 20:14

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	361854	11.416	185591	14.057	185466	15.533
UPPER LIMIT	723708	11.916	371182	14.557	370932	16.033
LOWER LIMIT	180927	10.916	92795.5	13.557	92733	15.033
EPA SAMPLE NO.						
22 S.JEFFERSON-CO-2	239690	11.41	187201	14.05	148551	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164211BS	n-Nitrosodimethylamine	50	44.6	ug/L	89				55	108	
	Pyridine	50	40.4	ug/L	81				29	97	
	Benzaldehyde	50	16.6	ug/L	33				10	162	
	Aniline	50	39.8	ug/L	80				10	130	
	Phenol	50	46.4	ug/L	93				66	118	
	bis(2-Chloroethyl)ether	50	45.9	ug/L	92				62	103	
	2-Chlorophenol	50	48.9	ug/L	98				70	117	
	1,2-Dichlorobenzene	50	48.3	ug/L	97				72	102	
	1,3-Dichlorobenzene	50	46	ug/L	92				71	103	
	1,4-Dichlorobenzene	50	46.9	ug/L	94				76	103	
	Benzyl Alcohol	50	49.5	ug/L	99		*		36	93	
	2-Methylphenol	50	47	ug/L	94				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.9	ug/L	86				65	100	
	Acetophenone	50	47.3	ug/L	95				60	104	
	3+4-Methylphenols	50	45.9	ug/L	92				67	106	
	N-Nitroso-di-n-propylamine	50	46.1	ug/L	92				57	107	
	Hexachloroethane	50	47.8	ug/L	96				76	118	
	Nitrobenzene	50	47.2	ug/L	94				58	106	
	Isophorone	50	48.1	ug/L	96				61	102	
	2-Nitrophenol	50	58.1	ug/L	116		*		70	115	
	2,4-Dimethylphenol	50	54.5	ug/L	109				42	142	
	bis(2-Chloroethoxy)methane	50	46	ug/L	92				58	109	
	2,4-Dichlorophenol	50	47.9	ug/L	96				66	115	
	1,2,4-Trichlorobenzene	50	46.4	ug/L	93				41	115	
	Benzoic acid	50	45.5	ug/L	91				10	125	
	Naphthalene	50	47.3	ug/L	95				64	107	
	4-Chloroaniline	50	18.9	ug/L	38				10	85	
	Hexachlorobutadiene	50	48.9	ug/L	98				69	101	
	Caprolactam	50	49.1	ug/L	98				58	128	
	4-Chloro-3-methylphenol	50	49	ug/L	98				65	114	
	2-Methylnaphthalene	50	49.2	ug/L	98				64	107	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		36	160	
	2,4,6-Trichlorophenol	50	51	ug/L	102				61	110	
	2,4,5-Trichlorophenol	50	49.2	ug/L	98				70	106	
	1,1-Biphenyl	50	47.3	ug/L	95				72	98	
	2-Chloronaphthalene	50	47.6	ug/L	95				59	106	
	2-Nitroaniline	50	54.2	ug/L	108				73	114	
	Dimethylphthalate	50	49.2	ug/L	98				64	103	
	Acenaphthylene	50	51.5	ug/L	103				79	103	
	2,6-Dinitrotoluene	50	50.2	ug/L	100				64	110	
	3-Nitroaniline	50	32.5	ug/L	65				28	100	
	Acenaphthene	50	55.7	ug/L	111				59	113	
	Total PAH	800	806.7	ug/L	101				59	113	
	2,4-Dinitrophenol	100	130	ug/L	130				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB164211BS	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	49.4	ug/L	99				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	107	ug/L	107				60	115	
	2,4-Dinitrotoluene	50	56.8	ug/L	114				60	115	
	Diethylphthalate	50	48.8	ug/L	98				63	105	
	4-Chlorophenyl-phenylether	50	48.7	ug/L	97				61	104	
	Fluorene	50	49.5	ug/L	99				64	107	
	4-Nitroaniline	50	53	ug/L	106				55	125	
	4,6-Dinitro-2-methylphenol	50	71.8	ug/L	144		*		62	132	
	N-Nitrosodiphenylamine	50	48	ug/L	96				61	109	
	Azobenzene	50	46.4	ug/L	93				59	106	
	4-Bromophenyl-phenylether	50	48.3	ug/L	97				73	103	
	Hexachlorobenzene	50	48.9	ug/L	98				73	106	
	Atrazine	50	58.5	ug/L	117				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	49.9	ug/L	100				62	109	
	Anthracene	50	51.4	ug/L	103				65	110	
	Carbazole	50	49.2	ug/L	98				62	106	
	Di-n-butylphthalate	50	48.7	ug/L	97				64	106	
	Fluoranthene	50	51.1	ug/L	102				64	110	
	Benzidine	100	45.8	ug/L	46				10	94	
	Pyrene	50	49	ug/L	98				71	103	
	Butylbenzylphthalate	50	55.1	ug/L	110		*		61	105	
	3,3-Dichlorobenzidine	50	34	ug/L	68				43	108	
	Benzo(a)anthracene	50	50.1	ug/L	100				62	107	
	Chrysene	50	50.2	ug/L	100				61	108	
	bis(2-Ethylhexyl)phthalate	50	54.7	ug/L	109				59	110	
	Di-n-octyl phthalate	50	44.2	ug/L	88				52	139	
	Benzo(b)fluoranthene	50	52.4	ug/L	105				77	113	
	Benzo(k)fluoranthene	50	47	ug/L	94				77	105	
	Benzo(a)pyrene	50	53.3	ug/L	107				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.9	ug/L	102				72	105	
	Dibenz(a,h)anthracene	50	50	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				75	118	
	1,2,4,5-Tetrachlorobenzene	50	49.4	ug/L	99				72	101	
	1,4-Dioxane	50	36.9	ug/L	74				38	125	
	2,3,4,6-Tetrachlorophenol	50	53.3	ug/L	107				63	116	
	1-Methylnaphthalene	50	46.1	ug/L	92				51	114	
PB164211BSD	n-Nitrosodimethylamine	50	49	ug/L	98	9			55	108	20
	Pyridine	50	43.4	ug/L	87	7			29	97	20
	Benzaldehyde	50	17.8	ug/L	36	7			10	162	20
	Aniline	50	43.4	ug/L	87	9			10	130	20
	Phenol	50	50	ug/L	100	7			66	118	20
	bis(2-Chloroethyl)ether	50	50.1	ug/L	100	9			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164211BSD	2-Chlorophenol	50	53.1	ug/L	106	8			70	117	20
	1,2-Dichlorobenzene	50	52.2	ug/L	104	8	*		72	102	20
	1,3-Dichlorobenzene	50	49.8	ug/L	100	8			71	103	20
	1,4-Dichlorobenzene	50	50.5	ug/L	101	7			76	103	20
	Benzyl Alcohol	50	53	ug/L	106	7	*		36	93	20
	2-Methylphenol	50	50.9	ug/L	102	8			69	109	20
	2,2-oxybis(1-Chloropropane)	50	46.3	ug/L	93	8			65	100	20
	Acetophenone	50	50.7	ug/L	101	7			60	104	20
	3+4-Methylphenols	50	49.1	ug/L	98	7			67	106	20
	N-Nitroso-di-n-propylamine	50	48.7	ug/L	97	5			57	107	20
	Hexachloroethane	50	51	ug/L	102	6			76	118	20
	Nitrobenzene	50	49.8	ug/L	100	5			58	106	20
	Isophorone	50	50.9	ug/L	102	6			61	102	20
	2-Nitrophenol	50	61.9	ug/L	124	6	*		70	115	20
	2,4-Dimethylphenol	50	58.7	ug/L	117	7			42	142	20
	bis(2-Chloroethoxy)methane	50	49	ug/L	98	6			58	109	20
	2,4-Dichlorophenol	50	51.1	ug/L	102	6			66	115	20
	1,2,4-Trichlorobenzene	50	50.2	ug/L	100	8			41	115	20
	Benzoic acid	50	50.4	ug/L	101	10			10	125	20
	Naphthalene	50	50.9	ug/L	102	7			64	107	20
	4-Chloroaniline	50	22.1	ug/L	44	16			10	85	20
	Hexachlorobutadiene	50	53.4	ug/L	107	9	*		69	101	20
	Caprolactam	50	52	ug/L	104	6			58	128	20
	4-Chloro-3-methylphenol	50	51.6	ug/L	103	5			65	114	20
	2-Methylnaphthalene	50	52.2	ug/L	104	6			64	107	20
	Hexachlorocyclopentadiene	100	200	ug/L	200	5	*		36	160	20
	2,4,6-Trichlorophenol	50	53.7	ug/L	107	5			61	110	20
	2,4,5-Trichlorophenol	50	52.1	ug/L	104	6			70	106	20
	1,1-Biphenyl	50	50.6	ug/L	101	7	*		72	98	20
	2-Chloronaphthalene	50	50.2	ug/L	100	5			59	106	20
	2-Nitroaniline	50	57.1	ug/L	114	5			73	114	20
	Dimethylphthalate	50	52.1	ug/L	104	6	*		64	103	20
	Acenaphthylene	50	54.5	ug/L	109	6	*		79	103	20
	2,6-Dinitrotoluene	50	53.4	ug/L	107	6			64	110	20
	3-Nitroaniline	50	34.7	ug/L	69	7			28	100	20
	Acenaphthene	50	59.7	ug/L	119	7	*		59	113	20
	Total PAH	800	882.6	ug/L	110	9			59	113	20
	2,4-Dinitrophenol	100	140	ug/L	140	7			36	166	20
	4-Nitrophenol	100	110	ug/L	110	0			45	147	20
	Dibenzofuran	50	52	ug/L	104	5			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	113.7	ug/L	114	6			60	115	20
	2,4-Dinitrotoluene	50	60.3	ug/L	121	6	*		60	115	20
	Diethylphthalate	50	50.8	ug/L	102	4			63	105	20
	4-Chlorophenyl-phenylether	50	51.7	ug/L	103	6			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164211BSD	Fluorene	50	52.2	ug/L	104	5			64	107	20
	4-Nitroaniline	50	55	ug/L	110	4			55	125	20
	4,6-Dinitro-2-methylphenol	50	74.6	ug/L	149	4	*		62	132	20
	N-Nitrosodiphenylamine	50	52.2	ug/L	104	8			61	109	20
	Azobenzene	50	49.3	ug/L	99	6			59	106	20
	4-Bromophenyl-phenylether	50	52.7	ug/L	105	9	*		73	103	20
	Hexachlorobenzene	50	52.4	ug/L	105	7			73	106	20
	Atrazine	50	62.5	ug/L	125	7	*		76	120	20
	Pentachlorophenol	100	110	ug/L	110	10			47	114	20
	Phenanthrene	50	53.4	ug/L	107	7			62	109	20
	Anthracene	50	55.5	ug/L	111	8	*		65	110	20
	Carbazole	50	52.4	ug/L	105	6			62	106	20
	Di-n-butylphthalate	50	51.3	ug/L	103	5			64	106	20
	Fluoranthene	50	53.8	ug/L	108	5			64	110	20
	Benzidine	100	51.8	ug/L	52	12			10	94	20
	Pyrene	50	56.1	ug/L	112	14	*		71	103	20
	Butylbenzylphthalate	50	59.8	ug/L	120	8	*		61	105	20
	3,3-Dichlorobenzidine	50	39.3	ug/L	79	14			43	108	20
	Benzo(a)anthracene	50	55.7	ug/L	111	11	*		62	107	20
	Chrysene	50	54	ug/L	108	7			61	108	20
	bis(2-Ethylhexyl)phthalate	50	58.9	ug/L	118	7	*		59	110	20
	Di-n-octyl phthalate	50	46.7	ug/L	93	6			52	139	20
	Benzo(b)fluoranthene	50	50.2	ug/L	100	4			77	113	20
	Benzo(k)fluoranthene	50	57.6	ug/L	115	20	*		77	105	20
	Benzo(a)pyrene	50	59.1	ug/L	118	10			72	131	20
	Indeno(1,2,3-cd)pyrene	50	58.5	ug/L	117	14	*		72	105	20
	Dibenz(a,h)anthracene	50	57.6	ug/L	115	14			78	115	20
	Benzo(g,h,i)perylene	50	53.8	ug/L	108	13			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	52.2	ug/L	104	6	*		72	101	20
	1,4-Dioxane	50	40.1	ug/L	80	8			38	125	20
	2,3,4,6-Tetrachlorophenol	50	55.6	ug/L	111	4			63	116	20
	1-Methylnaphthalene	50	49	ug/L	98	6			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164366BS	n-Nitrosodimethylamine	1700	1100	ug/Kg	65				57	103	
	Pyridine	1700	980	ug/Kg	58				28	98	
	Benzaldehyde	1700	350	ug/Kg	21				10	133	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1200	ug/Kg	71				62	112	
	bis(2-Chloroethyl)ether	1700	1200	ug/Kg	71				60	101	
	2-Chlorophenol	1700	1200	ug/Kg	71				65	112	
	1,2-Dichlorobenzene	1700	1200	ug/Kg	71				51	102	
	1,3-Dichlorobenzene	1700	1200	ug/Kg	71				52	99	
	1,4-Dichlorobenzene	1700	1200	ug/Kg	71				52	100	
	Benzyl Alcohol	1700	1200	ug/Kg	71				42	116	
	2-Methylphenol	1700	1200	ug/Kg	71				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1100	ug/Kg	65				51	100	
	Acetophenone	1700	1200	ug/Kg	71				66	98	
	3+4-Methylphenols	1700	1100	ug/Kg	65				58	111	
	N-Nitroso-di-n-propylamine	1700	1100	ug/Kg	65				63	95	
	Hexachloroethane	1700	1200	ug/Kg	71		*		72	108	
	Nitrobenzene	1700	1100	ug/Kg	65				57	101	
	Isophorone	1700	1200	ug/Kg	71				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				46	141	
	bis(2-Chloroethoxy)methane	1700	1100	ug/Kg	65		*		66	97	
	2,4-Dichlorophenol	1700	1200	ug/Kg	71				62	107	
	1,2,4-Trichlorobenzene	1700	1100	ug/Kg	65				44	110	
	Benzoic acid	1700	1100	ug/Kg	65				10	140	
	Naphthalene	1700	1200	ug/Kg	71				62	100	
	4-Chloroaniline	1700	590	ug/Kg	35				16	100	
	Hexachlorobutadiene	1700	1200	ug/Kg	71				53	98	
	Caprolactam	1700	1200	ug/Kg	71				67	110	
	4-Chloro-3-methylphenol	1700	1200	ug/Kg	71				58	112	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	4800	ug/Kg	145				45	165	
	2,4,6-Trichlorophenol	1700	1300	ug/Kg	76				59	102	
	2,4,5-Trichlorophenol	1700	1200	ug/Kg	71				61	98	
	1,1-Biphenyl	1700	1200	ug/Kg	71				57	103	
	2-Chloronaphthalene	1700	1200	ug/Kg	71				58	99	
	2-Nitroaniline	1700	1300	ug/Kg	76				66	101	
	Dimethylphthalate	1700	1200	ug/Kg	71				61	99	
	Acenaphthylene	1700	1300	ug/Kg	76				63	101	
	2,6-Dinitrotoluene	1700	1200	ug/Kg	71				61	104	
	3-Nitroaniline	1700	860	ug/Kg	51				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	20300	ug/Kg	75				57	104	
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164366BS	4-Nitrophenol	3300	2700	ug/Kg	82				48	119	
	Dibenzofuran	1700	1200	ug/Kg	71				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	2600	ug/Kg	76				60	106	
	Diethylphthalate	1700	1200	ug/Kg	71				60	101	
	4-Chlorophenyl-phenylether	1700	1200	ug/Kg	71				58	98	
	Fluorene	1700	1200	ug/Kg	71				61	101	
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1200	ug/Kg	71				71	99	
	Azobenzene	1700	1200	ug/Kg	71				54	103	
	4-Bromophenyl-phenylether	1700	1200	ug/Kg	71				66	102	
	Hexachlorobenzene	1700	1200	ug/Kg	71				64	98	
	Atrazine	1700	1400	ug/Kg	82				47	152	
	Pentachlorophenol	3300	2500	ug/Kg	76				67	105	
	Phenanthrene	1700	1200	ug/Kg	71				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Carbazole	1700	1200	ug/Kg	71				61	99	
	Di-n-butylphthalate	1700	1200	ug/Kg	71				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	1600	ug/Kg	48				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	880	ug/Kg	52				42	91	
	Benzo(a)anthracene	1700	1200	ug/Kg	71				60	102	
	Chrysene	1700	1300	ug/Kg	76				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1300	ug/Kg	76				54	135	
	Di-n-octyl phthalate	1700	1100	ug/Kg	65				52	137	
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				62	109	
	Benzo(k)fluoranthene	1700	1200	ug/Kg	71				62	109	
	Benzo(a)pyrene	1700	1300	ug/Kg	76				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1300	ug/Kg	76				63	101	
	Dibenz(a,h)anthracene	1700	1300	ug/Kg	76				61	112	
	Benzo(g,h,i)perylene	1700	1200	ug/Kg	71				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1200	ug/Kg	71				53	101	
	1,4-Dioxane	1700	910	ug/Kg	54				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				59	108	
	1-Methylnaphthalene	1700	1100	ug/Kg	65		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164374BS	n-Nitrosodimethylamine	50	43.2	ug/L	86				55	108	
	Pyridine	50	38.7	ug/L	77				29	97	
	Benzaldehyde	50	13.7	ug/L	27				10	162	
	Aniline	50	41	ug/L	82				10	130	
	Phenol	50	45	ug/L	90				66	118	
	bis(2-Chloroethyl)ether	50	43.1	ug/L	86				62	103	
	2-Chlorophenol	50	47.4	ug/L	95				70	117	
	1,2-Dichlorobenzene	50	46.5	ug/L	93				72	102	
	1,3-Dichlorobenzene	50	44.4	ug/L	89				71	103	
	1,4-Dichlorobenzene	50	45	ug/L	90				76	103	
	Benzyl Alcohol	50	47.5	ug/L	95		*		36	93	
	2-Methylphenol	50	44.9	ug/L	90				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.2	ug/L	82				65	100	
	Acetophenone	50	45	ug/L	90				60	104	
	3+4-Methylphenols	50	44	ug/L	88				67	106	
	N-Nitroso-di-n-propylamine	50	44.2	ug/L	88				57	107	
	Hexachloroethane	50	46.1	ug/L	92				76	118	
	Nitrobenzene	50	44.5	ug/L	89				58	106	
	Isophorone	50	45.3	ug/L	91				61	102	
	2-Nitrophenol	50	54.9	ug/L	110				70	115	
	2,4-Dimethylphenol	50	52.3	ug/L	105				42	142	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87				58	109	
	2,4-Dichlorophenol	50	46.3	ug/L	93				66	115	
	1,2,4-Trichlorobenzene	50	44.5	ug/L	89				41	115	
	Benzoic acid	50	42.8	ug/L	86				10	125	
	Naphthalene	50	44.8	ug/L	90				64	107	
	4-Chloroaniline	50	20.7	ug/L	41				10	85	
	Hexachlorobutadiene	50	46.4	ug/L	93				69	101	
	Caprolactam	50	46.4	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	46	ug/L	92				65	114	
	2-Methylnaphthalene	50	46.1	ug/L	92				64	107	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		36	160	
	2,4,6-Trichlorophenol	50	48.8	ug/L	98				61	110	
	2,4,5-Trichlorophenol	50	47.1	ug/L	94				70	106	
	1,1-Biphenyl	50	46	ug/L	92				72	98	
	2-Chloronaphthalene	50	45.4	ug/L	91				59	106	
	2-Nitroaniline	50	51.4	ug/L	103				73	114	
	Dimethylphthalate	50	46.4	ug/L	93				64	103	
	Acenaphthylene	50	49.4	ug/L	99				79	103	
	2,6-Dinitrotoluene	50	47.7	ug/L	95				64	110	
	3-Nitroaniline	50	31.8	ug/L	64				28	100	
	Acenaphthene	50	53.8	ug/L	108				59	113	
	Total PAH	800	786.9	ug/L	98				59	113	
	2,4-Dinitrophenol	100	130	ug/L	130				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164374BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	46.8	ug/L	94				65	106	
	2,4-Dinitrotoluene	50	53.9	ug/L	108				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	101.6	ug/L	102				60	115	
	Diethylphthalate	50	45.6	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	46.4	ug/L	93				61	104	
	Fluorene	50	47.1	ug/L	94				64	107	
	4-Nitroaniline	50	51.2	ug/L	102				55	125	
	4,6-Dinitro-2-methylphenol	50	66.5	ug/L	133		*		62	132	
	N-Nitrosodiphenylamine	50	45.9	ug/L	92				61	109	
	Azobenzene	50	44.2	ug/L	88				59	106	
	4-Bromophenyl-phenylether	50	46.5	ug/L	93				73	103	
	Hexachlorobenzene	50	47.2	ug/L	94				73	106	
	Atrazine	50	54.8	ug/L	110				76	120	
	Pentachlorophenol	100	96.6	ug/L	97				47	114	
	Phenanthrene	50	47.3	ug/L	95				62	109	
	Anthracene	50	49.3	ug/L	99				65	110	
	Carbazole	50	47.1	ug/L	94				62	106	
	Di-n-butylphthalate	50	45.9	ug/L	92				64	106	
	Fluoranthene	50	48.1	ug/L	96				64	110	
	Benzidine	100	62.9	ug/L	63				10	94	
	Pyrene	50	50.2	ug/L	100				71	103	
	Butylbenzylphthalate	50	54.4	ug/L	109		*		61	105	
	3,3-Dichlorobenzidine	50	35	ug/L	70				43	108	
	Benzo(a)anthracene	50	50.1	ug/L	100				62	107	
	Chrysene	50	49.7	ug/L	99				61	108	
	bis(2-Ethylhexyl)phthalate	50	52.8	ug/L	106				59	110	
	Di-n-octyl phthalate	50	41.5	ug/L	83				52	139	
	Benzo(b)fluoranthene	50	49.4	ug/L	99				77	113	
	Benzo(k)fluoranthene	50	45.8	ug/L	92				77	105	
	Benzo(a)pyrene	50	52.1	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	51.4	ug/L	103				72	105	
	Dibenz(a,h)anthracene	50	50.1	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50	48.3	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.7	ug/L	93				72	101	
	1,4-Dioxane	50	35.9	ug/L	72				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.1	ug/L	100				63	116	
	1-Methylnaphthalene	50	43.5	ug/L	87				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164211BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102524

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140032.D

Lab Sample ID: PB164211BS

Instrument ID: BNA_F

Date Extracted: 10/17/2024

Matrix: (soil/water) Water

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 12:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164211BS	PB164211BS	BF140032.D	10/25/2024
PB164211BSD	PB164211BSD	BF140033.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ETGI-331

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102524

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140034.D

Lab Sample ID: P4468-01

Instrument ID: BNA_F

Date Extracted: 10/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 13:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ETGI-331	P4468-01	BF140034.D	10/25/2024
TP-1	P4467-01	BF140038.D	10/25/2024
BP-F-6	P4472-05	BF140044.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-B5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102524

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140045.D

Lab Sample ID: P4487-01

Instrument ID: BNA_F

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 18:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-B5	P4487-01	BF140045.D	10/25/2024
D20241001-01-04	P4485-01	BF140042.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164366BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102524

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140027.D

Lab Sample ID: PB164366BL

Instrument ID: BNA_F

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 10:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164366BS	PB164366BS	BF140028.D	10/25/2024
72-11986	P4516-01	BF140046.D	10/25/2024
NASSAU-ST-CO	P4517-01	BF140047.D	10/25/2024
S.JEFFERSON-CO-2	P4517-05	BF140048.D	10/25/2024
S.JEFFERSON-CO-1	P4517-03	BF140037.D	10/25/2024
CHVB0783	P4515-01	BF140041.D	10/25/2024
VNJ-212	P4512-03	BF140043.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164374BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102524

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140029.D

Lab Sample ID: PB164374BL

Instrument ID: BNA_F

Date Extracted: 10/24/2024

Matrix: (soil/water) water

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 11:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164374BS	PB164374BS	BF140030.D	10/25/2024
PB164335TB	PB164335TB	BF140031.D	10/25/2024
D20241001-01-04	P4485-02	BF140035.D	10/25/2024
BP-B5	P4487-04	BF140036.D	10/25/2024
BP-B5MS	P4487-04MS	BF140039.D	10/25/2024
BP-B5MSD	P4487-04MSD	BF140040.D	10/25/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4487-04MS		Client Sample ID: BP-B5MS		DataFile: BF140039.D							
n-Nitrosodimethylamine	500		450	ug/L	90				10	130	
Pyridine	500		280	ug/L	56				10	109	
Benzaldehyde	500		55.8	ug/L	11				10	137	
Aniline	500		260	ug/L	52				10	130	
Phenol	500		430	ug/L	86				10	130	
bis(2-Chloroethyl)ether	500		480	ug/L	96				29	141	
2-Chlorophenol	500		510	ug/L	102				23	127	
1,2-Dichlorobenzene	500		490	ug/L	98				61	114	
1,3-Dichlorobenzene	500		470	ug/L	94				65	106	
1,4-Dichlorobenzene	500		470	ug/L	94				55	125	
Benzyl Alcohol	500		530	ug/L	106	*			31	94	
2-Methylphenol	500		490	ug/L	98				37	126	
2,2-oxybis(1-Chloropropane)	500		450	ug/L	90				36	141	
Acetophenone	500		490	ug/L	98				31	164	
3+4-Methylphenols	500		470	ug/L	94				31	127	
N-Nitroso-di-n-propylamine	500		490	ug/L	98				36	147	
Hexachloroethane	500		480	ug/L	96				49	110	
Nitrobenzene	500		490	ug/L	98				62	112	
Isophorone	500		510	ug/L	102				39	146	
2-Nitrophenol	500		590	ug/L	118				30	148	
2,4-Dimethylphenol	500		580	ug/L	116				17	143	
bis(2-Chloroethoxy)methane	500		490	ug/L	98				39	143	
2,4-Dichlorophenol	500		520	ug/L	104				22	146	
1,2,4-Trichlorobenzene	500		490	ug/L	98				66	110	
Benzoic acid	500		440	ug/L	88				10	101	
Naphthalene	500		490	ug/L	98				17	157	
4-Chloroaniline	500		100	ug/L	20				10	95	
Hexachlorobutadiene	500		500	ug/L	100				52	125	
Caprolactam	500		480	ug/L	96				10	130	
4-Chloro-3-methylphenol	500		540	ug/L	108				17	148	
2-Methylnaphthalene	500		520	ug/L	104				38	146	
Hexachlorocyclopentadiene	1000		1800	ug/L	180	*			20	153	
2,4,6-Trichlorophenol	500		540	ug/L	108				78	112	
2,4,5-Trichlorophenol	500		540	ug/L	108				71	111	
1,1-Biphenyl	500		500	ug/L	100				38	154	
2-Chloronaphthalene	500		490	ug/L	98				41	145	
2-Nitroaniline	500		580	ug/L	116				39	151	
Dimethylphthalate	500		540	ug/L	108				42	147	
Acenaphthylene	500		540	ug/L	108				40	141	
2,6-Dinitrotoluene	500		560	ug/L	112				43	148	
3-Nitroaniline	500		260	ug/L	52				10	111	
Acenaphthene	500		590	ug/L	118				37	146	
Total PAH	8000		8570	ug/L	107				37	146	
2,4-Dinitrophenol	1000		1300	ug/L	130				14	167	
4-Nitrophenol	1000		1100	ug/L	110				10	130	
Dibenzofuran	500		530	ug/L	106				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102524

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		620	ug/L	124				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1180	ug/L	118				50	142	
Diethylphthalate	500		550	ug/L	110				41	148	
4-Chlorophenyl-phenylether	500		540	ug/L	108				38	149	
Fluorene	500		530	ug/L	106				39	144	
4-Nitroaniline	500		570	ug/L	114				27	138	
4,6-Dinitro-2-methylphenol	500		730	ug/L	146				32	175	
N-Nitrosodiphenylamine	500		520	ug/L	104				40	150	
Azobenzene	500		510	ug/L	102				72	112	
4-Bromophenyl-phenylether	500		530	ug/L	106				42	151	
Hexachlorobenzene	500		530	ug/L	106				72	115	
Atrazine	500		500	ug/L	100				20	162	
Pentachlorophenol	1000		1100	ug/L	110				25	139	
Phenanthrene	500		530	ug/L	106				40	147	
Anthracene	500		550	ug/L	110				41	146	
Carbazole	500		510	ug/L	102				37	154	
Di-n-butylphthalate	500		560	ug/L	112				40	151	
Fluoranthene	500		510	ug/L	102				42	146	
Benzidine	1000	120	250	ug/L	13				10	130	
Pyrene	500		520	ug/L	104				41	149	
Butylbenzylphthalate	500		660	ug/L	132				39	155	
3,3-Dichlorobenzidine	500		360	ug/L	72				10	114	
Benzo(a)anthracene	500		540	ug/L	108				41	147	
Chrysene	500		530	ug/L	106				44	144	
bis(2-Ethylhexyl)phthalate	500		750	ug/L	150				33	160	
Di-n-octyl phthalate	500		670	ug/L	134				36	158	
Benzo(b)fluoranthene	500		500	ug/L	100				40	150	
Benzo(k)fluoranthene	500		580	ug/L	116				40	147	
Benzo(a)pyrene	500		580	ug/L	116				42	147	
Indeno(1,2,3-cd)pyrene	500		550	ug/L	110				30	166	
Dibenz(a,h)anthracene	500		550	ug/L	110				23	172	
Benzo(g,h,i)perylene	500		480	ug/L	96				27	167	
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102				89	102	
1,4-Dioxane	500		400	ug/L	80				38	130	
2,3,4,6-Tetrachlorophenol	500		590	ug/L	118	*			91	111	
1-Methylnaphthalene	500		490	ug/L	98				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4487-04MSD		Client Sample ID: BP-B5MSD		DataFile: BF140040.D							
n-Nitrosodimethylamine	500		470	ug/L	94		4		10	130	20
Pyridine	500		320	ug/L	64		13		10	109	20
Benzaldehyde	500		55	ug/L	11		0		10	137	20
Aniline	500		270	ug/L	54		4		10	130	20
Phenol	500		460	ug/L	92		7		10	130	20
bis(2-Chloroethyl)ether	500		500	ug/L	100		4		29	141	20
2-Chlorophenol	500		530	ug/L	106		4		23	127	20
1,2-Dichlorobenzene	500		510	ug/L	102		4		61	114	20
1,3-Dichlorobenzene	500		490	ug/L	98		4		65	106	20
1,4-Dichlorobenzene	500		500	ug/L	100		6		55	125	20
Benzyl Alcohol	500		550	ug/L	110	*	4		31	94	20
2-Methylphenol	500		520	ug/L	104		6		37	126	20
2,2-oxybis(1-Chloropropane)	500		470	ug/L	94		4		36	141	20
Acetophenone	500		500	ug/L	100		2		31	164	20
3+4-Methylphenols	500		510	ug/L	102		8		31	127	20
N-Nitroso-di-n-propylamine	500		520	ug/L	104		6		36	147	20
Hexachloroethane	500		500	ug/L	100		4		49	110	20
Nitrobenzene	500		500	ug/L	100		2		62	112	20
Isophorone	500		530	ug/L	106		4		39	146	20
2-Nitrophenol	500		620	ug/L	124		5		30	148	20
2,4-Dimethylphenol	500		600	ug/L	120		3		17	143	20
bis(2-Chloroethoxy)methane	500		510	ug/L	102		4		39	143	20
2,4-Dichlorophenol	500		540	ug/L	108		4		22	146	20
1,2,4-Trichlorobenzene	500		500	ug/L	100		2		66	110	20
Benzoic acid	500		510	ug/L	102	*	15		10	101	20
Naphthalene	500		500	ug/L	100		2		17	157	20
4-Chloroaniline	500		73.6	ug/L	15		29	*	10	95	20
Hexachlorobutadiene	500		510	ug/L	102		2		52	125	20
Caprolactam	500		500	ug/L	100		4		10	130	20
4-Chloro-3-methylphenol	500		560	ug/L	112		4		17	148	20
2-Methylnaphthalene	500		530	ug/L	106		2		38	146	20
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*	5		20	153	20
2,4,6-Trichlorophenol	500		550	ug/L	110		2		78	112	20
2,4,5-Trichlorophenol	500		550	ug/L	110		2		71	111	20
1,1-Biphenyl	500		520	ug/L	104		4		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		4		41	145	20
2-Nitroaniline	500		590	ug/L	118		2		39	151	20
Dimethylphthalate	500		560	ug/L	112		4		42	147	20
Acenaphthylene	500		560	ug/L	112		4		40	141	20
2,6-Dinitrotoluene	500		570	ug/L	114		2		43	148	20
3-Nitroaniline	500		190	ug/L	38		31	*	10	111	20
Acenaphthene	500		620	ug/L	124		5		37	146	20
Total PAH	8000		8860	ug/L	111		4		37	146	20
2,4-Dinitrophenol	1000		1500	ug/L	150		14		14	167	20
4-Nitrophenol	1000		1100	ug/L	110		0		10	130	20
Dibenzofuran	500		540	ug/L	108		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		650	ug/L	130		5		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1220	ug/L	122		3		50	142	20
Diethylphthalate	500		560	ug/L	112		2		41	148	20
4-Chlorophenyl-phenylether	500		550	ug/L	110		2		38	149	20
Fluorene	500		540	ug/L	108		2		39	144	20
4-Nitroaniline	500		550	ug/L	110		4		27	138	20
4,6-Dinitro-2-methylphenol	500		820	ug/L	164		12		32	175	20
N-Nitrosodiphenylamine	500		520	ug/L	104		0		40	150	20
Azobenzene	500		530	ug/L	106		4		72	112	20
4-Bromophenyl-phenylether	500		550	ug/L	110		4		42	151	20
Hexachlorobenzene	500		540	ug/L	108		2		72	115	20
Atrazine	500		420	ug/L	84		17		20	162	20
Pentachlorophenol	1000		1100	ug/L	110		0		25	139	20
Phenanthrene	500		540	ug/L	108		2		40	147	20
Anthracene	500		560	ug/L	112		2		41	146	20
Carbazole	500		510	ug/L	102		0		37	154	20
Di-n-butylphthalate	500		590	ug/L	118		5		40	151	20
Fluoranthene	500		530	ug/L	106		4		42	146	20
Benzidine	1000	120	170	ug/L	5	*	89	*	10	130	20
Pyrene	500		550	ug/L	110		6		41	149	20
Butylbenzylphthalate	500		700	ug/L	140		6		39	155	20
3,3-Dichlorobenzidine	500		240	ug/L	48		40	*	10	114	20
Benzo(a)anthracene	500		570	ug/L	114		5		41	147	20
Chrysene	500		550	ug/L	110		4		44	144	20
bis(2-Ethylhexyl)phthalate	500		800	ug/L	160		6		33	160	20
Di-n-octyl phthalate	500		680	ug/L	136		1		36	158	20
Benzo(b)fluoranthene	500		520	ug/L	104		4		40	150	20
Benzo(k)fluoranthene	500		610	ug/L	122		5		40	147	20
Benzo(a)pyrene	500		610	ug/L	122		5		42	147	20
Indeno(1,2,3-cd)pyrene	500		560	ug/L	112		2		30	166	20
Dibenz(a,h)anthracene	500		560	ug/L	112		2		23	172	20
Benzo(g,h,i)perylene	500		480	ug/L	96		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102		0		89	102	20
1,4-Dioxane	500		410	ug/L	82		2		38	130	20
2,3,4,6-Tetrachlorophenol	500		600	ug/L	120	*	2		91	111	20
1-Methylnaphthalene	500		510	ug/L	102		4		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164211BS	PB164211BS	BF140032.D	2-Fluorophenol	150	131.90	88		10	139
			Phenol-d6	150	128.57	86		10	134
			Nitrobenzene-d5	100	101.61	102		49	133
			2-Fluorobiphenyl	100	98.01	98		52	132
			2,4,6-Tribromophenol	150	162.17	108		44	137
			Terphenyl-d14	100	101.49	101		48	125
PB164211BSD	PB164211BSD	BF140033.D	2-Fluorophenol	150	140.77	94		10	139
			Phenol-d6	150	137.69	92		10	134
			Nitrobenzene-d5	100	108.36	108		49	133
			2-Fluorobiphenyl	100	103.37	103		52	132
			2,4,6-Tribromophenol	150	166.91	111		44	137
			Terphenyl-d14	100	113.93	114		48	125

Surrogate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4467-01	TP-1	BF140038.D	2-Fluorophenol	150	101.94	68		18	112
			Phenol-d6	150	99.85	67		15	107
			Nitrobenzene-d5	100	78.27	78		18	107
			2-Fluorobiphenyl	100	72.73	73		20	109
			2,4,6-Tribromophenol	150	116.86	78		10	116
			Terphenyl-d14	100	73.44	73		10	105
P4468-01	ETGI-331	BF140034.D	2-Fluorophenol	150	81.70	54		18	112
			Phenol-d6	150	87.42	58		15	107
			Nitrobenzene-d5	100	68.78	69		18	107
			2-Fluorobiphenyl	100	68.84	69		20	109
			2,4,6-Tribromophenol	150	81.93	55		10	116
			Terphenyl-d14	100	70.54	71		10	105
P4472-05	BP-F-6	BF140044.D	2-Fluorophenol	150	71.85	48		18	112
			Phenol-d6	150	69.11	46		15	107
			Nitrobenzene-d5	100	57.62	58		18	107
			2-Fluorobiphenyl	100	64.67	65		20	109
			2,4,6-Tribromophenol	150	72.43	48		10	116
			Terphenyl-d14	100	41.84	42		10	105

Surrogate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4485-01	D20241001-01-04	BF140042.D	2-Fluorophenol	150	66.27	44		18	112
			Phenol-d6	150	64.54	43		15	107
			Nitrobenzene-d5	100	51.22	51		18	107
			2-Fluorobiphenyl	100	49.99	50		20	109
			2,4,6-Tribromophenol	150	72.05	48		10	116
			Terphenyl-d14	100	39.99	40		10	105
P4487-01	BP-B5	BF140045.D	2-Fluorophenol	150	91.29	61		18	112
			Phenol-d6	150	91.47	61		15	107
			Nitrobenzene-d5	100	71.22	71		18	107
			2-Fluorobiphenyl	100	72.33	72		20	109
			2,4,6-Tribromophenol	150	97.06	65		10	116
			Terphenyl-d14	100	54.84	55		10	105

Surrogate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4512-03	VNJ-212	BF140043.D	2-Fluorophenol	150	94.45	63		18	112
			Phenol-d6	150	90.85	61		15	107
			Nitrobenzene-d5	100	74.86	75		18	107
			2-Fluorobiphenyl	100	79.76	80		20	109
			2,4,6-Tribromophenol	150	98.10	65		10	116
			Terphenyl-d14	100	58.08	58		10	105
P4515-01	CHVB0783	BF140041.D	2-Fluorophenol	150	61.54	41		18	112
			Phenol-d6	150	61.11	41		15	107
			Nitrobenzene-d5	100	44.27	44		18	107
			2-Fluorobiphenyl	100	44.89	45		20	109
			2,4,6-Tribromophenol	150	78.60	52		10	116
			Terphenyl-d14	100	49.68	50		10	105
P4516-01	72-11986	BF140046.D	2-Fluorophenol	150	68.61	46		18	112
			Phenol-d6	150	66.47	44		15	107
			Nitrobenzene-d5	100	53.91	54		18	107
			2-Fluorobiphenyl	100	64.74	65		20	109
			2,4,6-Tribromophenol	150	68.00	45		10	116
			Terphenyl-d14	100	44.16	44		10	105
P4517-01	NASSAU-ST-CO	BF140047.D	2-Fluorophenol	150	93.87	63		18	112
			Phenol-d6	150	91.60	61		15	107
			Nitrobenzene-d5	100	75.80	76		18	107
			2-Fluorobiphenyl	100	81.19	81		20	109
			2,4,6-Tribromophenol	150	92.22	61		10	116
			Terphenyl-d14	100	67.61	68		10	105
P4517-03	S.JEFFERSON-CO	BF140037.D	2-Fluorophenol	150	61.04	41		18	112
			Phenol-d6	150	74.48	50		15	107
			Nitrobenzene-d5	100	70.16	70		18	107
			2-Fluorobiphenyl	100	70.17	70		20	109
			2,4,6-Tribromophenol	150	47.43	32		10	116
			Terphenyl-d14	100	75.93	76		10	105
P4517-05	S.JEFFERSON-CO	BF140048.D	2-Fluorophenol	150	61.50	41		18	112
			Phenol-d6	150	71.07	47		15	107
			Nitrobenzene-d5	100	67.12	67		18	107
			2-Fluorobiphenyl	100	76.39	76		20	109
			2,4,6-Tribromophenol	150	59.54	40		10	116
			Terphenyl-d14	100	59.58	60		10	105
PB164366BL	PB164366BL	BF140027.D	2-Fluorophenol	150	115.05	77		18	112
			Phenol-d6	150	112.38	75		15	107
			Nitrobenzene-d5	100	88.74	89		18	107
			2-Fluorobiphenyl	100	86.53	87		20	109
			2,4,6-Tribromophenol	150	136.38	91		10	116
			Terphenyl-d14	100	83.35	83		10	105
PB164366BS	PB164366BS	BF140028.D	2-Fluorophenol	150	95.61	64		18	112
			Phenol-d6	150	93.40	62		15	107
			Nitrobenzene-d5	100	72.37	72		18	107
			2-Fluorobiphenyl	100	71.74	72		20	109
			2,4,6-Tribromophenol	150	117.66	78		10	116
			Terphenyl-d14	100	76.55	77		10	105

Surrogate Summary

SW-846

SDG No.: **BF102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4485-02	D20241001-01-04	BF140035.D	2-Fluorophenol	150	121.90	81		10	139
			Phenol-d6	150	117.66	78		10	134
			Nitrobenzene-d5	100	96.34	96		49	133
			2-Fluorobiphenyl	100	92.50	93		52	132
			2,4,6-Tribromophenol	150	163.05	109		44	137
			Terphenyl-d14	100	98.53	99		48	125
P4487-04	BP-B5	BF140036.D	2-Fluorophenol	150	132.33	88		10	139
			Phenol-d6	150	120.43	80		10	134
			Nitrobenzene-d5	100	109.07	109		49	133
			2-Fluorobiphenyl	100	104.53	105		52	132
			2,4,6-Tribromophenol	150	181.47	121		44	137
			Terphenyl-d14	100	116.91	117		48	125
P4487-04MS	BP-B5MS	BF140039.D	2-Fluorophenol	150	128.73	86		10	139
			Phenol-d6	150	118.95	79		10	134
			Nitrobenzene-d5	100	104.74	105		49	133
			2-Fluorobiphenyl	100	99.14	99		52	132
			2,4,6-Tribromophenol	150	172.57	115		44	137
			Terphenyl-d14	100	109.12	109		48	125
P4487-04MSD	BP-B5MSD	BF140040.D	2-Fluorophenol	150	136.75	91		10	139
			Phenol-d6	150	126.50	84		10	134
			Nitrobenzene-d5	100	108.97	109		49	133
			2-Fluorobiphenyl	100	102.76	103		52	132
			2,4,6-Tribromophenol	150	178.69	119		44	137
			Terphenyl-d14	100	115.79	116		48	125
PB164335TB	PB164335TB	BF140031.D	2-Fluorophenol	150	120.10	80		10	139
			Phenol-d6	150	117.31	78		10	134
			Nitrobenzene-d5	100	91.69	92		49	133
			2-Fluorobiphenyl	100	89.78	90		52	132
			2,4,6-Tribromophenol	150	140.18	93		44	137
			Terphenyl-d14	100	88.79	89		48	125
PB164374BL	PB164374BL	BF140029.D	2-Fluorophenol	150	126.97	85		10	139
			Phenol-d6	150	123.09	82		10	134
			Nitrobenzene-d5	100	97.47	97		49	133
			2-Fluorobiphenyl	100	95.51	96		52	132
			2,4,6-Tribromophenol	150	148.27	99		44	137
			Terphenyl-d14	100	91.40	91		48	125
PB164374BS	PB164374BS	BF140030.D	2-Fluorophenol	150	123.07	82		10	139
			Phenol-d6	150	120.22	80		10	134
			Nitrobenzene-d5	100	93.67	94		49	133
			2-Fluorobiphenyl	100	91.35	91		52	132
			2,4,6-Tribromophenol	150	150.10	100		44	137
			Terphenyl-d14	100	101.54	102		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102524

Lab Code: CHEM

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140025.D

DFTPP Injection Date: 10/25/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	94.4
443	15.0 - 24.0% of mass 442	17.9 (19) 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	BF140026.D	10/25/2024	09:48
PB164366BL	PB164366BL	BF140027.D	10/25/2024	10:17
PB164366BS	PB164366BS	BF140028.D	10/25/2024	10:45
PB164374BL	PB164374BL	BF140029.D	10/25/2024	11:14
PB164374BS	PB164374BS	BF140030.D	10/25/2024	11:41
PB164335TB	PB164335TB	BF140031.D	10/25/2024	12:09
PB164211BS	PB164211BS	BF140032.D	10/25/2024	12:38
PB164211BSD	PB164211BSD	BF140033.D	10/25/2024	13:05
ETGI-331	P4468-01	BF140034.D	10/25/2024	13:40
D20241001-01-04	P4485-02	BF140035.D	10/25/2024	14:08
BP-B5	P4487-04	BF140036.D	10/25/2024	14:36
S. JEFFERSON-CO-1	P4517-03	BF140037.D	10/25/2024	15:04
TP-1	P4467-01	BF140038.D	10/25/2024	15:32
BP-B5MS	P4487-04MS	BF140039.D	10/25/2024	16:01
BP-B5MSD	P4487-04MSD	BF140040.D	10/25/2024	16:29
CHVB0783	P4515-01	BF140041.D	10/25/2024	16:57
D20241001-01-04	P4485-01	BF140042.D	10/25/2024	17:25
VNJ-212	P4512-03	BF140043.D	10/25/2024	17:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102524

Lab Code: CHEM

SAS No.: BF102524 SDG NO.: BF102524

Lab File ID: BF140025.D

DFTPP Injection Date: 10/25/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	94.4
443	15.0 - 24.0% of mass 442	17.9 (19) 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
BP-F-6	P4472-05	BF140044.D	10/25/2024	18:21
BP-B5	P4487-01	BF140045.D	10/25/2024	18:50
72-11986	P4516-01	BF140046.D	10/25/2024	19:18
NASSAU-ST-CO	P4517-01	BF140047.D	10/25/2024	19:46
S.JEFFERSON-CO-2	P4517-05	BF140048.D	10/25/2024	20:14