

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG No.: BF111924

Instrument ID: BNA_F Calibration Date/Time: 11/19/2024 : 10:34

Lab File ID: BF140463.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	0.649	0.649		0.0	
Pyridine	1.283	1.308		1.949	
2-Fluorophenol	1.171	1.209		3.245	
Benzaldehyde	0.951	1.383		45.426	
Aniline	1.381	1.116		-19.189	
Phenol-d6	1.587	1.607		1.26	
Phenol	1.674	1.664		-0.597	20.0
bis(2-Chloroethyl) ether	1.268	1.312		3.47	
2-Chlorophenol	1.258	1.294		2.862	
1,2-Dichlorobenzene	1.307	1.338		2.372	
1,3-Dichlorobenzene	1.388	1.422		2.45	
1,4-Dichlorobenzene	1.408	1.437		2.06	20.0
Benzyl Alcohol	1.143	1.110		-2.887	
2-Methylphenol	1.035	1.061		2.512	
2,2-oxybis(1-Chloropropane)	1.752	1.628		-7.078	
Acetophenone	0.465	0.479		3.011	
3+4-Methylphenols	1.295	1.288		-0.541	
n-Nitroso-di-n-propylamine	0.959	0.905	0.050	-5.631	
Nitrobenzene-d5	0.384	0.393		2.344	
Hexachloroethane	0.520	0.523		0.577	
Nitrobenzene	0.400	0.412		3.0	
Isophorone	0.680	0.671		-1.324	
2-Nitrophenol	0.177	0.189		6.78	20.0
2,4-Dimethylphenol	0.227	0.237		4.405	
bis(2-Chloroethoxy) methane	0.417	0.423		1.439	
2,4-Dichlorophenol	0.281	0.294		4.626	20.0
1,2,4-Trichlorobenzene	0.312	0.322		3.205	
Benzoic acid	0.200	0.206		3.0	
Naphthalene	1.015	1.055		3.941	
4-Chloroaniline	0.353	0.316		-10.482	
Hexachlorobutadiene	0.199	0.203		2.01	20.0
Caprolactam	0.093	0.097		4.301	
4-Chloro-3-methylphenol	0.311	0.321		3.215	20.0
2-Methylnaphthalene	0.651	0.665		2.151	
Hexachlorocyclopentadiene	0.142	0.127	0.050	-10.563	
2,4,6-Trichlorophenol	0.363	0.376		3.581	20.0
2-Fluorobiphenyl	1.244	1.257		1.045	
2,4,5-Trichlorophenol	0.397	0.420		5.793	
1,1-Biphenyl	1.455	1.490		2.405	

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Lab File ID: BF140463.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.108	1.130		1.986	
2-Nitroaniline	0.368	0.379		2.989	
Dimethylphthalate	1.304	1.310		0.46	
Acenaphthylene	1.677	1.756		4.711	
2,6-Dinitrotoluene	0.297	0.312		5.051	
3-Nitroaniline	0.312	0.322		3.205	
Acenaphthene	1.133	1.176		3.795	20.0
2,4-Dinitrophenol	0.153	0.157	0.050	2.614	
4-Nitrophenol	0.228	0.229	0.050	0.439	
Dibenzofuran	1.603	1.660		3.556	
2,4-Dinitrotoluene	0.391	0.413		5.627	
Diethylphthalate	1.333	1.315		-1.35	
4-Chlorophenyl-phenylether	0.625	0.626		0.16	
Fluorene	1.267	1.293		2.052	
4-Nitroaniline	0.319	0.326		2.194	
4,6-Dinitro-2-methylphenol	0.108	0.117		8.333	
n-Nitrosodiphenylamine	0.578	0.588		1.73	20.0
Azobenzene	1.317	1.304		-0.987	
2,4,6-Tribromophenol	0.199	0.209		5.025	
4-Bromophenyl-phenylether	0.200	0.204		2.0	
Hexachlorobenzene	0.225	0.231		2.667	
Atrazine	0.175	0.164		-6.286	
Pentachlorophenol	0.121	0.124		2.479	20.0
Phenanthrene	0.940	0.946		0.638	
Anthracene	0.921	0.941		2.172	
Carbazole	0.909	0.940		3.41	
Di-n-butylphthalate	1.091	1.073		-1.65	
Fluoranthene	1.054	1.081		2.562	20.0
Benzidine	0.768	0.356		-53.646	
Pyrene	1.711	1.689		-1.286	
Terphenyl-d14	1.152	1.112		-3.472	
Butylbenzylphthalate	0.657	0.669		1.826	
3,3-Dichlorobenzidine	0.418	0.391		-6.459	
Benzo(a)anthracene	1.314	1.336		1.674	
Chrysene	1.199	1.224		2.085	
Bis(2-ethylhexyl)phthalate	0.877	0.897		2.281	
Di-n-octyl phthalate	1.235	1.330		7.692	20.0
Benzo(b)fluoranthene	1.308	1.249		-4.511	
Benzo(k)fluoranthene	1.069	1.194		11.693	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_F Calibration Date/Time: 11/19/2024 : 10:34

Lab File ID: BF140463.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	1.016	1.051		3.445	20.0
Indeno(1,2,3-cd)pyrene	1.235	1.208		-2.186	
Dibenzo(a,h)anthracene	1.021	1.001		-1.959	
Benzo(g,h,i)perylene	1.044	1.009		-3.352	
1,2,4,5-Tetrachlorobenzene	0.553	0.568		2.712	
1,4-Dioxane	0.522	0.555		6.322	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.333		6.39	
1-Methylnaphthalene	0.637	0.648		1.727	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	PB165019TB	SDG No.:	BF111924
Lab Sample ID:	PB165019TB	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
BF140464.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

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:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	PB165019TB	SDG No.:	BF111924
Lab Sample ID:	PB165019TB	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
BF140464.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

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

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	PB165019TB	SDG No.:	BF111924
Lab Sample ID:	PB165019TB	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
BF140464.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

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	125.666		10-139		84	SPK: -150
13127-88-3	Phenol-d6	121.23		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	86.553		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	87.565		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	PB165019TB	SDG No.:	BF111924
Lab Sample ID:	PB165019TB	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
BF140464.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.228		44-137		83	SPK: -150
1718-51-0	Terphenyl-d14	85.88		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144350	6.869				
1146-65-2	Naphthalene-d8	545389	8.151				
15067-26-2	Acenaphthene-d10	303191	9.904				
1517-22-2	Phenanthrene-d10	576588	11.398				
1719-03-5	Chrysene-d12	369743	14.057				
1520-96-3	Perylene-d12	301857	15.574				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BF111924
Lab Sample ID:	P4848-02MS	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
BF140465.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440		10.3	80	100	ug/L
110-86-1	Pyridine	320		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	400		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	400		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	520		16	80	100	ug/L
95-48-7	2-Methylphenol	500		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	470		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	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	400		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	500		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	510		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	630		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	440		11	40	50	ug/L
65-85-0	Benzoic acid	540		54.7	80	100	ug/L
91-20-3	Naphthalene	470		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	96.9		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BF111924
Lab Sample ID:	P4848-02MS	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
BF140465.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	500		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	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	520		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	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	8440		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	990	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	540		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	530		15.2	40	50	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	600		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	530		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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BF111924
Lab Sample ID:	P4848-02MS	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
BF140465.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	540		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	540		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	280		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	580		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	610		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	570		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	520		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	510		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	460		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	410		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	570		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	470		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.201		10-139		93	SPK: -150
13127-88-3	Phenol-d6	135.916		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	100.782		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	98.97		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BF111924
Lab Sample ID:	P4848-02MS	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
BF140465.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.956		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	109.589		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148608	6.875				
1146-65-2	Naphthalene-d8	566127	8.151				
15067-26-2	Acenaphthene-d10	313272	9.91				
1517-22-2	Phenanthrene-d10	585294	11.404				
1719-03-5	Chrysene-d12	347810	14.057				
1520-96-3	Perylene-d12	308234	15.568				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BF111924
Lab Sample ID:	P4848-02MSD	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
BF140466.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

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	320		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	170		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	510		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	520		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	520		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	410		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	520		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	640		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	450		11	40	50	ug/L
65-85-0	Benzoic acid	560		54.7	80	100	ug/L
91-20-3	Naphthalene	470		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	69.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BF111924
Lab Sample ID:	P4848-02MSD	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
BF140466.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	540		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	500		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	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	520		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	600		8.1	40	50	ug/L
Total PAH	Total PAH	8680		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	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	500		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	540		15.2	40	50	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	610		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	540		8.9	40	50	ug/L
103-33-3	Azobenzene	510		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	540		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	540		11.4	40	50	ug/L
1912-24-9	Atrazine	500		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BF111924
Lab Sample ID:	P4848-02MSD	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
BF140466.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

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	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	560		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	590		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	260		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	590		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	620		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	510		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	600		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	490		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	500		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	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.102		10-139		96	SPK: -150
13127-88-3	Phenol-d6	138.262		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	103.596		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	100.359		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BF111924
Lab Sample ID:	P4848-02MSD	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
BF140466.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.885		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	113.111		48-125		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147727	6.875				
1146-65-2	Naphthalene-d8	561678	8.151				
15067-26-2	Acenaphthene-d10	311833	9.91				
1517-22-2	Phenanthrene-d10	573421	11.398				
1719-03-5	Chrysene-d12	332365	14.063				
1520-96-3	Perylene-d12	278980	15.58				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-735	SDG No.:	BF111924
Lab Sample ID:	P4870-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140467.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.7	U	53.7	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.3	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.8	U	57.8	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.8	U	55.8	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.1	U	61.1	87.3	110	ug/Kg
98-86-2	Acetophenone	58.4	U	58.4	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.8	U	55.8	87.3	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.5	U	63.5	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.4	U	57.4	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-735	SDG No.:	BF111924
Lab Sample ID:	P4870-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140467.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.9	U	54.9	87.3	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	87.3	110	ug/Kg
Total PAH	Total PAH	890.3	U	890.3	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	87.3	220	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.9	U	71.9	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.6	U	78.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-735	SDG No.:	BF111924
Lab Sample ID:	P4870-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140467.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	54.9	U	54.9	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.8	U	55.8	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.2	U	54.2	87.3	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.9	U	73.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.5	U	54.5	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.5	U	55.5	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.5	U	62.5	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.5	U	52.5	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.9	U	73.9	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.807		18-112		63	SPK: -150
13127-88-3	Phenol-d6	94.078		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	67.392		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	61.251		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-735	SDG No.:	BF111924
Lab Sample ID:	P4870-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140467.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.127		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	63.089		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145876	6.869				
1146-65-2	Naphthalene-d8	558091	8.151				
15067-26-2	Acenaphthene-d10	308724	9.904				
1517-22-2	Phenanthrene-d10	584299	11.398				
1719-03-5	Chrysene-d12	342984	14.051				
1520-96-3	Perylene-d12	273501	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	760	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	53.1	A			5.104	
000119-61-9	Benzophenone	110	J			10.622	
000057-10-3	n-Hexadecanoic acid	93.4	J			11.922	
000630-01-3	Hexacosane	50.2	J			14.851	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF111924
Lab Sample ID:	P4852-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140468.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	95.9	U	95.9	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.5	U	99.5	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.6	U	99.6	320	400	ug/Kg
95-48-7	2-Methylphenol	96.7	U	96.7	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.8	U	95.8	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.4	U	48.4	96	96	ug/Kg
67-72-1	Hexachloroethane	99.6	U	99.6	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.6	U	90.6	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	400	ug/Kg
91-20-3	Naphthalene	99.1	U	99.1	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.1	U	99.1	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF111924
Lab Sample ID:	P4852-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140468.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99	U	99	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.7	U	85.7	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.8	U	88.8	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98.1	U	98.1	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.9	U	99.9	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.3	U	97.3	160	200	ug/Kg
Total PAH	Total PAH	1580.1	U	1580.1	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.9	U	199.9	160	400	ug/Kg
84-66-2	Diethylphthalate	96.1	U	96.1	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.9	U	97.9	160	200	ug/Kg
103-33-3	Azobenzene	95.5	U	95.5	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.7	U	94.7	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF111924
Lab Sample ID:	P4852-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140468.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.8	U	92.8	320	400	ug/Kg
85-01-8	Phenanthrene	130	J	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.4	U	96.4	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	190	J	98.1	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	170	J	99.6	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	96.9	U	96.9	160	200	ug/Kg
218-01-9	Chrysene	95.4	U	95.4	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.3	U	97.3	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.1	U	99.1	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.7	U	93.7	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.5	U	97.5	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.1	U	96.1	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.7	U	89.7	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.9	U	99.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.059		18-112		51	SPK: -150
13127-88-3	Phenol-d6	75.424		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	54.793		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	56.199		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF111924
Lab Sample ID:	P4852-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140468.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.546		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	56.854		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154847	6.869				
1146-65-2	Naphthalene-d8	579716	8.151				
15067-26-2	Acenaphthene-d10	318630	9.904				
1517-22-2	Phenanthrene-d10	582083	11.392				
1719-03-5	Chrysene-d12	316058	14.051				
1520-96-3	Perylene-d12	288064	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	86.8	A			5.098	
000119-61-9	Benzophenone	190	J			10.622	
000057-10-3	n-Hexadecanoic acid	140	J			11.922	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF111924
Lab Sample ID:	P4852-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.05	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
BF140469.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	98	U	98	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.9	U	98.9	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.9	U	97.9	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.4	U	49.4	98.1	98.1	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.6	U	92.6	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF111924
Lab Sample ID:	P4852-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.05	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
BF140469.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.1	U	95.1	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.6	U	87.6	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.8	U	90.8	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.5	U	99.5	160	210	ug/Kg
Total PAH	Total PAH	3790	U	1609.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	98.2	U	98.2	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	97.6	U	97.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.8	U	96.8	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF111924
Lab Sample ID:	P4852-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.05	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
BF140469.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.8	U	94.8	330	400	ug/Kg
85-01-8	Phenanthrene	550		100	160	210	ug/Kg
120-12-7	Anthracene	130	J	100	160	210	ug/Kg
86-74-8	Carbazole	98.5	U	98.5	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	650		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	640		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	360		99	160	210	ug/Kg
218-01-9	Chrysene	330		97.5	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		99.5	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	320		110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	95.8	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.6	U	99.6	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	98.2	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.6	U	91.6	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.245		18-112		63	SPK: -150
13127-88-3	Phenol-d6	97.482		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	69.019		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.46		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF111924
Lab Sample ID:	P4852-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.05	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
BF140469.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.427		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	70.835		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149238	6.869				
1146-65-2	Naphthalene-d8	570099	8.151				
15067-26-2	Acenaphthene-d10	314788	9.904				
1517-22-2	Phenanthrene-d10	554705	11.398				
1719-03-5	Chrysene-d12	289074	14.051				
1520-96-3	Perylene-d12	280792	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	96.9	A			5.104	
000119-61-9	Benzophenone	270	J			10.621	
002531-84-2	Phenanthrene, 2-methyl-	330	J			11.921	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			12.01	
000112-84-5	13-Docosenamide, (Z)-	81.8	J			14.833	
000192-97-2	Benzo[e]pyrene	170	J			15.433	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF111924
Lab Sample ID:	P4852-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140470.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.1	U	98.1	310	370	ug/Kg
110-86-1	Pyridine	90.3	U	90.3	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.7	U	93.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.6	U	94.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.4	U	94.4	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.6	U	95.6	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.2	U	97.2	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.8	U	97.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.8	U	93.8	310	370	ug/Kg
95-48-7	2-Methylphenol	91.1	U	91.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.2	U	98.2	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.2	U	90.2	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.5	U	45.5	90.4	90.4	ug/Kg
67-72-1	Hexachloroethane	93.8	U	93.8	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.6	U	95.6	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97	U	97	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.3	U	85.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.5	U	96.5	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	370	ug/Kg
91-20-3	Naphthalene	93.3	U	93.3	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.3	U	93.3	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.1	U	94.1	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF111924
Lab Sample ID:	P4852-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140470.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.1	U	98.1	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.6	U	87.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.2	U	93.2	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.7	U	80.7	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.6	U	83.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.8	U	98.8	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.1	U	94.1	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.3	U	92.3	150	190	ug/Kg
208-96-8	Acenaphthylene	97.8	U	97.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	320		94	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.7	U	91.7	150	190	ug/Kg
Total PAH	Total PAH	1502.4	U	1502.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	95.4	U	95.4	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.4	U	97.4	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	320	U	191.4	150	380	ug/Kg
84-66-2	Diethylphthalate	90.5	U	90.5	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.7	U	96.7	150	190	ug/Kg
86-73-7	Fluorene	96.6	U	96.6	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.2	U	92.2	150	190	ug/Kg
103-33-3	Azobenzene	90	U	90	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.2	U	89.2	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.1	U	96.1	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF111924
Lab Sample ID:	P4852-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140470.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.4	U	87.4	310	370	ug/Kg
85-01-8	Phenanthrene	150	J	94.9	150	190	ug/Kg
120-12-7	Anthracene	95.4	U	95.4	150	190	ug/Kg
86-74-8	Carbazole	90.7	U	90.7	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.3	U	95.3	150	190	ug/Kg
206-44-0	Fluoranthene	220		92.3	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	310	370	ug/Kg
129-00-0	Pyrene	240		93.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	91.2	150	190	ug/Kg
218-01-9	Chrysene	140	J	89.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	91.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.3	U	93.3	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88.3	U	88.3	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.8	U	91.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.5	U	90.5	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.1	U	98.1	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.4	U	84.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94	U	94	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.901		18-112		77	SPK: -150
13127-88-3	Phenol-d6	117.326		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	83.121		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.365		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF111924
Lab Sample ID:	P4852-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140470.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.56		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	89.516		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152696	6.869				
1146-65-2	Naphthalene-d8	579902	8.151				
15067-26-2	Acenaphthene-d10	312197	9.904				
1517-22-2	Phenanthrene-d10	553548	11.398				
1719-03-5	Chrysene-d12	281611	14.045				
1520-96-3	Perylene-d12	283940	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.11	
000119-61-9	Benzophenone	300	J			10.622	
000057-10-3	n-Hexadecanoic acid	250	J			11.922	
000301-02-0	9-Octadecenamide, (Z)-	93.4	J			14.816	
000192-97-2	Benzo[e]pyrene	84.8	J			15.421	
000191-26-4	Dibenzo[def,mno]chrysene	84.8	J			17.045	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MS	SDG No.:	BF111924
Lab Sample ID:	P4852-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.08	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
BF140471.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1900		97.9	300	370	ug/Kg
110-86-1	Pyridine	1700		90.1	150	190	ug/Kg
100-52-7	Benzaldehyde	240	J	210	300	370	ug/Kg
62-53-3	Aniline	890		110	150	190	ug/Kg
108-95-2	Phenol	1800		93.5	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		94.4	150	190	ug/Kg
95-57-8	2-Chlorophenol	2000		94.2	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		95.4	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		97	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		97.6	150	190	ug/Kg
100-51-6	Benzyl Alcohol	1900		93.6	300	370	ug/Kg
95-48-7	2-Methylphenol	1900		90.9	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		100	150	190	ug/Kg
98-86-2	Acetophenone	1900		98	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1900		90	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		45.5	90.3	90.3	ug/Kg
67-72-1	Hexachloroethane	1800		93.6	150	190	ug/Kg
98-95-3	Nitrobenzene	1800		100	150	190	ug/Kg
78-59-1	Isophorone	1900		95.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	2000		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		96.8	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		85.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		96.3	150	190	ug/Kg
65-85-0	Benzoic acid	1900		270	300	370	ug/Kg
91-20-3	Naphthalene	1800		93.2	150	190	ug/Kg
106-47-8	4-Chloroaniline	260		93.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1800		94	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MS	SDG No.:	BF111924
Lab Sample ID:	P4852-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.08	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
BF140471.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		97.9	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		87.4	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1900		93.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6300	E	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		80.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		83.5	150	190	ug/Kg
92-52-4	1,1-Biphenyl	1900		98.6	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	1800		94	150	190	ug/Kg
88-74-4	2-Nitroaniline	1900		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	1900		92.2	150	190	ug/Kg
208-96-8	Acenaphthylene	2000		97.6	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		93.9	150	190	ug/Kg
99-09-2	3-Nitroaniline	920		100	150	190	ug/Kg
83-32-9	Acenaphthene	2100		91.5	150	190	ug/Kg
Total PAH	Total PAH	31500		1490.1	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1900		95.2	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3700		191.2	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		97.3	150	190	ug/Kg
84-66-2	Diethylphthalate	1800		90.4	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		96.6	150	190	ug/Kg
86-73-7	Fluorene	1800		96.5	150	190	ug/Kg
100-01-6	4-Nitroaniline	1700		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		92.1	150	190	ug/Kg
103-33-3	Azobenzene	2000		89.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		89	150	190	ug/Kg
118-74-1	Hexachlorobenzene	1900		95.9	150	190	ug/Kg
1912-24-9	Atrazine	2100		100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MS	SDG No.:	BF111924
Lab Sample ID:	P4852-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.08	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
BF140471.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3600	E	87.2	300	370	ug/Kg
85-01-8	Phenanthrene	2000		94.8	150	190	ug/Kg
120-12-7	Anthracene	2000		95.2	150	190	ug/Kg
86-74-8	Carbazole	1800		90.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		95.1	150	190	ug/Kg
206-44-0	Fluoranthene	1800		92.2	150	190	ug/Kg
92-87-5	Benzidine	650		180	300	370	ug/Kg
129-00-0	Pyrene	2200		93.6	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2100		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2100		91	150	190	ug/Kg
218-01-9	Chrysene	2100		89.7	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		91.5	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		93.2	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2100		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		88.1	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		91.6	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		90.4	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		97.9	150	190	ug/Kg
123-91-1	1,4-Dioxane	1800		120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		84.3	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1800		93.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.808		18-112		75	SPK: -150
13127-88-3	Phenol-d6	113.748		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	79.189		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	78.058		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MS	SDG No.:	BF111924
Lab Sample ID:	P4852-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140471.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.525		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	84.827		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159273	6.875				
1146-65-2	Naphthalene-d8	604441	8.157				
15067-26-2	Acenaphthene-d10	329881	9.91				
1517-22-2	Phenanthrene-d10	587430	11.398				
1719-03-5	Chrysene-d12	297623	14.057				
1520-96-3	Perylene-d12	301999	15.563				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MSD	SDG No.:	BF111924
Lab Sample ID:	P4852-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	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
BF140472.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		98	300	370	ug/Kg
110-86-1	Pyridine	1700		90.2	150	190	ug/Kg
100-52-7	Benzaldehyde	230	J	210	300	370	ug/Kg
62-53-3	Aniline	920		110	150	190	ug/Kg
108-95-2	Phenol	1800		93.6	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		94.5	150	190	ug/Kg
95-57-8	2-Chlorophenol	1900		94.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		95.5	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		97.1	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		97.7	150	190	ug/Kg
100-51-6	Benzyl Alcohol	1900		93.7	300	370	ug/Kg
95-48-7	2-Methylphenol	1800		91	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		100	150	190	ug/Kg
98-86-2	Acetophenone	1800		98.1	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		90.1	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		45.5	90.3	90.3	ug/Kg
67-72-1	Hexachloroethane	1800		93.7	150	190	ug/Kg
98-95-3	Nitrobenzene	1700		100	150	190	ug/Kg
78-59-1	Isophorone	1800		95.5	150	190	ug/Kg
88-75-5	2-Nitrophenol	1900		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		96.9	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		85.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		96.4	150	190	ug/Kg
65-85-0	Benzoic acid	1800		270	300	370	ug/Kg
91-20-3	Naphthalene	1800		93.3	150	190	ug/Kg
106-47-8	4-Chloroaniline	270		93.3	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		94	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MSD	SDG No.:	BF111924
Lab Sample ID:	P4852-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	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
BF140472.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		98	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		87.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		93.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5800	E	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		80.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		83.5	150	190	ug/Kg
92-52-4	1,1-Biphenyl	1800		98.7	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	1800		94	150	190	ug/Kg
88-74-4	2-Nitroaniline	1800		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	1900		92.2	150	190	ug/Kg
208-96-8	Acenaphthylene	1900		97.7	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		93.9	150	190	ug/Kg
99-09-2	3-Nitroaniline	870		100	150	190	ug/Kg
83-32-9	Acenaphthene	2000		91.6	150	190	ug/Kg
Total PAH	Total PAH	30100		1491.2	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	3400	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1800		95.3	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		191.2	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		97.3	150	190	ug/Kg
84-66-2	Diethylphthalate	1800		90.4	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		96.6	150	190	ug/Kg
86-73-7	Fluorene	1700		96.5	150	190	ug/Kg
100-01-6	4-Nitroaniline	1600		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		92.1	150	190	ug/Kg
103-33-3	Azobenzene	2000		89.9	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		89.1	150	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		96	150	190	ug/Kg
1912-24-9	Atrazine	2000		100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MSD	SDG No.:	BF111924
Lab Sample ID:	P4852-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	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
BF140472.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	87.3	300	370	ug/Kg
85-01-8	Phenanthrene	1900		94.8	150	190	ug/Kg
120-12-7	Anthracene	1900		95.3	150	190	ug/Kg
86-74-8	Carbazole	1800		90.7	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		95.2	150	190	ug/Kg
206-44-0	Fluoranthene	1800		92.2	150	190	ug/Kg
92-87-5	Benzidine	660		180	300	370	ug/Kg
129-00-0	Pyrene	2100		93.7	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2100		91.1	150	190	ug/Kg
218-01-9	Chrysene	1900		89.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		91.6	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		93.3	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2100		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		88.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		91.7	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		90.4	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		98	150	190	ug/Kg
123-91-1	1,4-Dioxane	1700		120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		84.3	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		93.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.828		18-112		73	SPK: -150
13127-88-3	Phenol-d6	110.717		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	76.602		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	74.136		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	COMP-3MSD	SDG No.:	BF111924
Lab Sample ID:	P4852-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140472.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.603		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	80.369		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160639	6.875				
1146-65-2	Naphthalene-d8	617685	8.151				
15067-26-2	Acenaphthene-d10	339230	9.91				
1517-22-2	Phenanthrene-d10	599763	11.398				
1719-03-5	Chrysene-d12	308205	14.045				
1520-96-3	Perylene-d12	312291	15.527				

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111924
Lab Sample ID:	P4771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF140473.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.9	U	91.9	290	350	ug/Kg
110-86-1	Pyridine	84.6	U	84.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.7	U	87.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.4	U	88.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.5	U	89.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91	U	91	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.5	U	91.5	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.8	U	87.8	290	350	ug/Kg
95-48-7	2-Methylphenol	85.3	U	85.3	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.2	U	96.2	140	180	ug/Kg
98-86-2	Acetophenone	92	U	92	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.4	U	84.4	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.7	84.7	ug/Kg
67-72-1	Hexachloroethane	87.8	U	87.8	140	180	ug/Kg
98-95-3	Nitrobenzene	96.1	U	96.1	140	180	ug/Kg
78-59-1	Isophorone	89.5	U	89.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.6	U	98.6	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.8	U	90.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.9	U	79.9	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.4	U	90.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	150	J	87.4	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.4	U	87.4	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111924
Lab Sample ID:	P4771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF140473.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.9	U	91.9	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82	U	82	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	370		87.3	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.3	U	78.3	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.5	U	92.5	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.5	U	86.5	140	180	ug/Kg
208-96-8	Acenaphthylene	91.5	U	91.5	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88	U	88	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.4	U	94.4	140	180	ug/Kg
83-32-9	Acenaphthene	130	J	85.8	140	180	ug/Kg
Total PAH	Total PAH	8870		1402.2	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.3	U	89.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.2	U	179.2	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.2	U	91.2	140	180	ug/Kg
84-66-2	Diethylphthalate	84.8	U	84.8	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.6	U	90.6	140	180	ug/Kg
86-73-7	Fluorene	200		90.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	140	180	ug/Kg
103-33-3	Azobenzene	84.2	U	84.2	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.5	U	83.5	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	140	180	ug/Kg
1912-24-9	Atrazine	96.7	U	96.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111924
Lab Sample ID:	P4771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF140473.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.8	U	81.8	290	350	ug/Kg
85-01-8	Phenanthrene	1600		88.9	140	180	ug/Kg
120-12-7	Anthracene	370		89.3	140	180	ug/Kg
86-74-8	Carbazole	85	U	85	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.2	U	89.2	140	180	ug/Kg
206-44-0	Fluoranthene	1600		86.5	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	1500		87.8	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	820		85.4	140	180	ug/Kg
218-01-9	Chrysene	700		84.1	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.3	U	96.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	620		85.8	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	260		87.4	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	510		98.4	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.9	U	85.9	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		84.8	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.9	U	91.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	590		88	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.573		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.505		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	63.054		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	65.205		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111924
Lab Sample ID:	P4771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF140473.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.003		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	64.737		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146282	6.869				
1146-65-2	Naphthalene-d8	527101	8.151				
15067-26-2	Acenaphthene-d10	277147	9.91				
1517-22-2	Phenanthrene-d10	459414	11.398				
1719-03-5	Chrysene-d12	253688	14.045				
1520-96-3	Perylene-d12	274336	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.181	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	700	J			7.186	
000824-90-8	1-Phenyl-1-butene	520	J			7.886	
000571-61-9	Naphthalene, 1,5-dimethyl-	660	J			9.492	
000581-40-8	Naphthalene, 2,3-dimethyl-	910	J			9.563	
003891-99-4	2,6,10-Trimethyltridecane	550	J			9.622	
000575-41-7	Naphthalene, 1,3-dimethyl-	520	J			9.686	
056862-62-5	10-Methylnonadecane	450	J			9.833	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	490	J			10.11	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	630	J			10.151	
055045-08-4	Dodecane, 2-methyl-6-propyl-	1000	J			10.333	
000629-50-5	Tridecane	720	J			10.551	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1800	J			10.816	
000630-02-4	Octacosane	660	J			11.257	
000629-59-4	Tetradecane	660	J			11.286	
000629-92-5	Nonadecane	460	J			11.68	
010030-73-6	(E)-Hexadec-9-enoic acid	480	J			11.851	
000057-10-3	n-Hexadecanoic acid	1200	J			11.927	
000203-64-5	4H-Cyclopenta[def]phenanthrene	610	J			12.015	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	BF111924
Lab Sample ID:	P4771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF140473.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007683-64-9	Supraene	410	J			14.886	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111924
Lab Sample ID:	P4771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
Sample Wt/Vol:	30	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
BF140474.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.1	U	91.1	280	350	ug/Kg
110-86-1	Pyridine	83.8	U	83.8	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87	U	87	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.8	U	87.8	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.6	U	87.6	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.8	U	88.8	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.2	U	90.2	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.8	U	90.8	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.1	U	87.1	280	350	ug/Kg
95-48-7	2-Methylphenol	84.6	U	84.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.4	U	95.4	140	180	ug/Kg
98-86-2	Acetophenone	91.2	U	91.2	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.7	U	83.7	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	83.9	83.9	ug/Kg
67-72-1	Hexachloroethane	87.1	U	87.1	140	180	ug/Kg
98-95-3	Nitrobenzene	95.3	U	95.3	140	180	ug/Kg
78-59-1	Isophorone	88.8	U	88.8	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.2	U	99.2	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.8	U	97.8	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90	U	90	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.2	U	79.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.6	U	89.6	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.7	U	86.7	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.7	U	86.7	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111924
Lab Sample ID:	P4771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
Sample Wt/Vol:	30	Units:	g
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
BF140474.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.1	U	91.1	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.3	U	81.3	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.6	U	86.6	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.9	U	74.9	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.6	U	77.6	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.7	U	91.7	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.7	U	99.7	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.7	U	85.7	140	180	ug/Kg
208-96-8	Acenaphthylene	90.8	U	90.8	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.6	U	93.6	140	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	140	180	ug/Kg
Total PAH	Total PAH	1390.6	U	1390.6	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.6	U	88.6	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.5	U	90.5	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	77.8	U	177.8	140	360	ug/Kg
84-66-2	Diethylphthalate	84.1	U	84.1	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.8	U	89.8	140	180	ug/Kg
86-73-7	Fluorene	89.7	U	89.7	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.6	U	85.6	140	180	ug/Kg
103-33-3	Azobenzene	83.5	U	83.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.8	U	82.8	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.2	U	89.2	140	180	ug/Kg
1912-24-9	Atrazine	95.9	U	95.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111924
Lab Sample ID:	P4771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
Sample Wt/Vol:	30	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
BF140474.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.1	U	81.1	280	350	ug/Kg
85-01-8	Phenanthrene	88.1	U	88.1	140	180	ug/Kg
120-12-7	Anthracene	88.6	U	88.6	140	180	ug/Kg
86-74-8	Carbazole	84.3	U	84.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.5	U	88.5	140	180	ug/Kg
206-44-0	Fluoranthene	85.7	U	85.7	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	96.5	J	87.1	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.7	U	84.7	140	180	ug/Kg
218-01-9	Chrysene	83.4	U	83.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.5	U	95.5	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.1	U	85.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.7	U	86.7	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.6	U	97.6	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	U	82	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.2	U	85.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.1	U	84.1	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.1	U	91.1	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.4	U	78.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.3	U	87.3	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.334		18-112		64	SPK: -150
13127-88-3	Phenol-d6	95.754		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	66.803		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	70.252		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111924
Lab Sample ID:	P4771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
Sample Wt/Vol:	30	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
BF140474.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.893		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	70.039		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147130	6.869				
1146-65-2	Naphthalene-d8	564055	8.151				
15067-26-2	Acenaphthene-d10	300744	9.904				
1517-22-2	Phenanthrene-d10	495297	11.398				
1719-03-5	Chrysene-d12	267729	14.039				
1520-96-3	Perylene-d12	276612	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.104	
062016-28-8	Octane, 2,2,6-trimethyl-	99	J			6.363	
000629-78-7	Heptadecane	130	J			6.992	
003522-94-9	Hexane, 2,2,5-trimethyl-	140	J			7.139	
062108-22-9	Decane, 2,5,9-trimethyl-	76.3	J			7.204	
000563-16-6	Hexane, 3,3-dimethyl-	81.8	J			7.298	
001560-97-0	Dodecane, 2-methyl-	78	J			8.951	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	94.1	J			9.298	
000593-49-7	Heptacosane	110	J			9.616	
1000309-20-2	Sulfurous acid, 2-ethylhexyl hexyl	96.2	J			9.828	
000544-76-3	Hexadecane	110	J			10.333	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	130	J			10.551	
000119-61-9	Benzophenone	290	J			10.622	
003891-99-4	2,6,10-Trimethyltridecane	370	J			10.816	
000593-45-3	Octadecane	110	J			11.251	
013475-75-7	Pentadecane, 8-hexyl-	150	J			11.286	
000629-59-4	Tetradecane	99.3	J			11.68	
000057-10-3	n-Hexadecanoic acid	270	J			11.922	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	BF111924
Lab Sample ID:	P4771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
Sample Wt/Vol:	30	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
BF140474.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-95-8	Eicosane	80.4	J			12.086	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11978	SDG No.:	BF111924
Lab Sample ID:	P4889-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140475.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	52	U	52	84.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63	U	63	84.5	110	ug/Kg
108-95-2	Phenol	53.9	U	53.9	84.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.4	U	54.4	84.5	110	ug/Kg
95-57-8	2-Chlorophenol	54.3	U	54.3	84.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.9	U	55.9	84.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.5	110	ug/Kg
100-51-6	Benzyl Alcohol	54	U	54	180	210	ug/Kg
95-48-7	2-Methylphenol	52.4	U	52.4	84.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.1	U	59.1	84.5	110	ug/Kg
98-86-2	Acetophenone	56.5	U	56.5	84.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.9	U	51.9	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52	52	ug/Kg
67-72-1	Hexachloroethane	54	U	54	84.5	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.5	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.5	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.6	U	60.6	84.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.8	U	55.8	84.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.1	U	49.1	84.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.5	U	55.5	84.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.5	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.2	U	54.2	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11978	SDG No.:	BF111924
Lab Sample ID:	P4889-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140475.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.4	U	50.4	84.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.1	U	48.1	84.5	110	ug/Kg
92-52-4	1,1-Biphenyl	56.8	U	56.8	84.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.2	U	54.2	84.5	110	ug/Kg
88-74-4	2-Nitroaniline	61.8	U	61.8	84.5	110	ug/Kg
131-11-3	Dimethylphthalate	53.1	U	53.1	84.5	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.1	U	54.1	84.5	110	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	84.5	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.5	110	ug/Kg
Total PAH	Total PAH	861.6	U	861.6	84.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.4	U	75.4	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.2	U	110.2	84.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.1	U	56.1	84.5	110	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.7	U	55.7	84.5	110	ug/Kg
86-73-7	Fluorene	55.6	U	55.6	84.5	110	ug/Kg
100-01-6	4-Nitroaniline	69.6	U	69.6	84.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.1	U	76.1	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.1	U	53.1	84.5	110	ug/Kg
103-33-3	Azobenzene	51.8	U	51.8	84.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.3	U	51.3	84.5	110	ug/Kg
118-74-1	Hexachlorobenzene	55.3	U	55.3	84.5	110	ug/Kg
1912-24-9	Atrazine	59.4	U	59.4	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11978	SDG No.:	BF111924
Lab Sample ID:	P4889-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140475.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55	J	50.3	180	210	ug/Kg
85-01-8	Phenanthrene	54.6	U	54.6	84.5	110	ug/Kg
120-12-7	Anthracene	54.9	U	54.9	84.5	110	ug/Kg
86-74-8	Carbazole	52.2	U	52.2	84.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	84.5	110	ug/Kg
206-44-0	Fluoranthene	120		53.1	84.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	130		54	84.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.9	U	62.9	84.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.1	U	64.1	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	75	J	52.5	84.5	110	ug/Kg
218-01-9	Chrysene	98.9	J	51.7	84.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	84.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.5	U	71.5	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	150		52.7	84.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.7	U	53.7	84.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	98.6	J	60.5	84.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.8	U	50.8	84.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.8	U	52.8	84.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.1	J	52.1	84.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.5	110	ug/Kg
123-91-1	1,4-Dioxane	71.5	U	71.5	84.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.1	U	54.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	44.06		18-112		29	SPK: -150
13127-88-3	Phenol-d6	43.265		15-107		29	SPK: -150
4165-60-0	Nitrobenzene-d5	29.974		18-107		30	SPK: -100
321-60-8	2-Fluorobiphenyl	31.878		20-109		32	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11978	SDG No.:	BF111924
Lab Sample ID:	P4889-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140475.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	39.157		10-116		26	SPK: -150
1718-51-0	Terphenyl-d14	31.479		10-105		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153531	6.869				
1146-65-2	Naphthalene-d8	584112	8.151				
15067-26-2	Acenaphthene-d10	304616	9.904				
1517-22-2	Phenanthrene-d10	494937	11.398				
1719-03-5	Chrysene-d12	264297	14.039				
1520-96-3	Perylene-d12	269184	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	840	J			2.163	
000119-61-9	Benzophenone	92.8	J			10.616	
000057-10-3	n-Hexadecanoic acid	110	J			11.922	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	52.5	J			14.663	
000192-97-2	Benzo[e]pyrene	78.9	J			15.398	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	EO-02-11152024	SDG No.:	BF111924
Lab Sample ID:	P4869-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140476.D	5	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	560	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	EO-02-11152024	SDG No.:	BF111924
Lab Sample ID:	P4869-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140476.D	5	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	700		270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	4380	U	4380	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	EO-02-11152024	SDG No.:	BF111924
Lab Sample ID:	P4869-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140476.D	5	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	890	1100	ug/Kg
85-01-8	Phenanthrene	390	J	280	430	560	ug/Kg
120-12-7	Anthracene	280	U	280	430	560	ug/Kg
86-74-8	Carbazole	260	U	260	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	270	U	270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	270	U	270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	270	U	270	430	560	ug/Kg
218-01-9	Chrysene	260	U	260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	U	270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	310	U	310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	470	J	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.54		18-112		59	SPK: -150
13127-88-3	Phenol-d6	86.06		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	62.425		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	74.225		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	EO-02-11152024	SDG No.:	BF111924
Lab Sample ID:	P4869-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140476.D	5	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.22		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	58.26		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177890	6.869				
1146-65-2	Naphthalene-d8	622089	8.151				
15067-26-2	Acenaphthene-d10	302712	9.91				
1517-22-2	Phenanthrene-d10	451617	11.398				
1719-03-5	Chrysene-d12	312203	14.039				
1520-96-3	Perylene-d12	248198	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	930	J			2.14	
1000309-19-6	Sulfurous acid, 2-ethylhexyl tride	880	J			9.169	
000629-59-4	Tetradecane	1400	J			9.304	
000582-16-1	Naphthalene, 2,7-dimethyl-	990	J			9.492	
000581-42-0	Naphthalene, 2,6-dimethyl-	1700	J			9.563	
1000382-54-5	Carbonic acid, tetradecyl vinyl es	1800	J			9.622	
000571-58-4	Naphthalene, 1,4-dimethyl-	600	J			9.681	
000629-62-9	Pentadecane	1100	J			9.833	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1300	J			10.151	
000544-76-3	Hexadecane	1700	J			10.333	
000629-50-5	Tridecane	1500	J			10.551	
013187-99-0	2-Bromo dodecane	2500	J			10.816	
000629-94-7	Heneicosane	830	J			11.257	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1000	J			11.286	
000112-39-0	Hexadecanoic acid, methyl ester	3400	J			11.786	
000057-10-3	n-Hexadecanoic acid	1000	J			11.922	
002566-97-4	9,12-Octadecadienoic acid, methyl	8400	J			12.475	
000057-11-4	Octadecanoic acid	790	J			12.71	
027421-70-1	3-(Dimethylamino)propyl isothiocy	2000	J			14.945	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	EO-02-11152024	SDG No.:	BF111924
Lab Sample ID:	P4869-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140476.D	5	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007225-64-1	Heptadecane, 9-octyl-	780	J			15.151	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111924
Lab Sample ID:	P4870-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140477.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.7	U	53.7	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.3	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.8	U	57.8	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.1	U	61.1	87.3	110	ug/Kg
98-86-2	Acetophenone	58.4	U	58.4	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.3	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.5	U	63.5	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.4	U	57.4	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111924
Lab Sample ID:	P4870-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140477.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.9	U	54.9	87.3	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	87.3	110	ug/Kg
Total PAH	Total PAH	890.1	U	890.1	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	87.3	220	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.9	U	71.9	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.6	U	78.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111924
Lab Sample ID:	P4870-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140477.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	54.9	U	54.9	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.2	U	54.2	87.3	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.9	U	73.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.5	U	54.5	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.5	U	55.5	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.5	U	62.5	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.5	U	52.5	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.9	U	73.9	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.309		18-112		48	SPK: -150
13127-88-3	Phenol-d6	77.252		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	59.636		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	62.994		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111924
Lab Sample ID:	P4870-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF140477.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	53.87		10-116		36	SPK: -150
1718-51-0	Terphenyl-d14	52.228		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142342	6.875				
1146-65-2	Naphthalene-d8	529334	8.151				
15067-26-2	Acenaphthene-d10	260928	9.904				
1517-22-2	Phenanthrene-d10	384950	11.398				
1719-03-5	Chrysene-d12	246325	14.039				
1520-96-3	Perylene-d12	198529	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	700	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.093	
000119-61-9	Benzophenone	93.1	J			10.616	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	VNJ-226	SDG No.:	BF111924
Lab Sample ID:	P4857-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF140478.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.4	U	55.4	170	210	ug/Kg
110-86-1	Pyridine	51	U	51	83	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.9	U	61.9	83	110	ug/Kg
108-95-2	Phenol	53	U	53	83	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.5	U	53.5	83	110	ug/Kg
95-57-8	2-Chlorophenol	53.3	U	53.3	83	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54	U	54	83	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.9	U	54.9	83	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.2	U	55.2	83	110	ug/Kg
100-51-6	Benzyl Alcohol	53	U	53	170	210	ug/Kg
95-48-7	2-Methylphenol	51.5	U	51.5	83	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.1	U	58.1	83	110	ug/Kg
98-86-2	Acetophenone	55.5	U	55.5	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	51	U	51	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51.1	51.1	ug/Kg
67-72-1	Hexachloroethane	53	U	53	83	110	ug/Kg
98-95-3	Nitrobenzene	58	U	58	83	110	ug/Kg
78-59-1	Isophorone	54	U	54	83	110	ug/Kg
88-75-5	2-Nitrophenol	60.4	U	60.4	83	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.5	U	59.5	83	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.8	U	54.8	83	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.2	U	48.2	83	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.5	U	54.5	83	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.8	U	52.8	83	110	ug/Kg
106-47-8	4-Chloroaniline	52.8	U	52.8	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.2	U	53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	VNJ-226	SDG No.:	BF111924
Lab Sample ID:	P4857-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF140478.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.4	U	55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.5	U	49.5	83	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.7	U	52.7	83	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.6	U	99.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	83	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.3	U	47.3	83	110	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	83	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.2	U	53.2	83	110	ug/Kg
88-74-4	2-Nitroaniline	60.7	U	60.7	83	110	ug/Kg
131-11-3	Dimethylphthalate	52.2	U	52.2	83	110	ug/Kg
208-96-8	Acenaphthylene	55.2	U	55.2	83	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.1	U	53.1	83	110	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	83	110	ug/Kg
83-32-9	Acenaphthene	270		51.8	83	110	ug/Kg
Total PAH	Total PAH	5980.3		846.5	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.1	U	74.1	170	210	ug/Kg
132-64-9	Dibenzofuran	210		53.9	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.2	U	108.2	83	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	83	110	ug/Kg
84-66-2	Diethylphthalate	51.2	U	51.2	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.7	U	54.7	83	110	ug/Kg
86-73-7	Fluorene	400		54.6	83	110	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	83	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.7	U	74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.1	U	52.1	83	110	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	83	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.4	U	50.4	83	110	ug/Kg
118-74-1	Hexachlorobenzene	54.3	U	54.3	83	110	ug/Kg
1912-24-9	Atrazine	58.4	U	58.4	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	VNJ-226	SDG No.:	BF111924
Lab Sample ID:	P4857-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF140478.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.4	U	49.4	170	210	ug/Kg
85-01-8	Phenanthrene	1700		53.7	83	110	ug/Kg
120-12-7	Anthracene	230		53.9	83	110	ug/Kg
86-74-8	Carbazole	51.3	U	51.3	83	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.8	U	53.8	83	110	ug/Kg
206-44-0	Fluoranthene	1300		52.2	83	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	770		53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	320		51.5	83	110	ug/Kg
218-01-9	Chrysene	270		50.8	83	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.1	U	58.1	83	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.3	U	70.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		51.8	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.2	J	52.8	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	180		59.4	83	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.5	J	49.9	83	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.9	U	51.9	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.6	J	51.2	83	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.4	U	55.4	83	110	ug/Kg
123-91-1	1,4-Dioxane	70.3	U	70.3	83	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.7	U	47.7	83	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.1	U	53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.925		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.699		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	61.367		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	67.515		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	VNJ-226	SDG No.:	BF111924
Lab Sample ID:	P4857-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF140478.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.508		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	57.402		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148219	6.869				
1146-65-2	Naphthalene-d8	533496	8.151				
15067-26-2	Acenaphthene-d10	257888	9.904				
1517-22-2	Phenanthrene-d10	374999	11.398				
1719-03-5	Chrysene-d12	248092	14.045				
1520-96-3	Perylene-d12	197088	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	650	J			2.163	
018794-84-8	(E)-.beta.-Farnesene	57.3	J			9.598	
055045-08-4	Dodecane, 2-methyl-6-propyl-	48.3	J			10.334	
000644-08-6	1,1-Biphenyl, 4-methyl-	110	J			10.539	
000119-61-9	Benzophenone	190	J			10.616	
000613-12-7	Anthracene, 2-methyl-	63.4	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	77.7	J			12.01	
002381-21-7	Pyrene, 1-methyl-	49.6	J			13.057	
033543-31-6	Fluoranthene, 2-methyl-	91.8	J			13.169	
000243-17-4	11H-Benzo[b]fluorene	58.3	J			13.233	
000192-97-2	Benzo[e]pyrene	130	J			15.404	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930	SDG No.:	BF111924
Lab Sample ID:	P4889-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
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
BF140479.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.7	U	55.7	170	210	ug/Kg
110-86-1	Pyridine	51.3	U	51.3	83.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.2	U	62.2	83.4	110	ug/Kg
108-95-2	Phenol	53.2	U	53.2	83.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.7	U	53.7	83.4	110	ug/Kg
95-57-8	2-Chlorophenol	53.6	U	53.6	83.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.3	U	54.3	83.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.2	U	55.2	83.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.5	U	55.5	83.4	110	ug/Kg
100-51-6	Benzyl Alcohol	53.2	U	53.2	170	210	ug/Kg
95-48-7	2-Methylphenol	51.7	U	51.7	83.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.3	U	58.3	83.4	110	ug/Kg
98-86-2	Acetophenone	55.7	U	55.7	83.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.2	U	51.2	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.9	U	25.9	51.3	51.3	ug/Kg
67-72-1	Hexachloroethane	53.2	U	53.2	83.4	110	ug/Kg
98-95-3	Nitrobenzene	58.2	U	58.2	83.4	110	ug/Kg
78-59-1	Isophorone	54.3	U	54.3	83.4	110	ug/Kg
88-75-5	2-Nitrophenol	60.6	U	60.6	83.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.8	U	59.8	83.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55	U	55	83.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.4	U	48.4	83.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.8	U	54.8	83.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53	U	53	83.4	110	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	83.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.4	U	53.4	83.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930	SDG No.:	BF111924
Lab Sample ID:	P4889-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
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
BF140479.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.7	U	55.7	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.7	U	49.7	83.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.9	U	52.9	83.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.8	U	45.8	83.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.5	U	47.5	83.4	110	ug/Kg
92-52-4	1,1-Biphenyl	56.1	U	56.1	83.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.4	U	53.4	83.4	110	ug/Kg
88-74-4	2-Nitroaniline	60.9	U	60.9	83.4	110	ug/Kg
131-11-3	Dimethylphthalate	52.4	U	52.4	83.4	110	ug/Kg
208-96-8	Acenaphthylene	280		55.5	83.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.4	U	53.4	83.4	110	ug/Kg
99-09-2	3-Nitroaniline	57.2	U	57.2	83.4	110	ug/Kg
83-32-9	Acenaphthene	52	U	52	83.4	110	ug/Kg
Total PAH	Total PAH	13020	U	850	83.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.4	U	74.4	170	210	ug/Kg
132-64-9	Dibenzofuran	54.1	U	54.1	83.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.7	U	108.7	83.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.3	U	55.3	83.4	110	ug/Kg
84-66-2	Diethylphthalate	51.4	U	51.4	83.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.9	U	54.9	83.4	110	ug/Kg
86-73-7	Fluorene	60	J	54.8	83.4	110	ug/Kg
100-01-6	4-Nitroaniline	68.6	U	68.6	83.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.1	U	75.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.3	U	52.3	83.4	110	ug/Kg
103-33-3	Azobenzene	51.1	U	51.1	83.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.6	U	50.6	83.4	110	ug/Kg
118-74-1	Hexachlorobenzene	54.5	U	54.5	83.4	110	ug/Kg
1912-24-9	Atrazine	58.6	U	58.6	83.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930	SDG No.:	BF111924
Lab Sample ID:	P4889-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
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
BF140479.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500	E	49.6	170	210	ug/Kg
85-01-8	Phenanthrene	550		53.9	83.4	110	ug/Kg
120-12-7	Anthracene	190		54.1	83.4	110	ug/Kg
86-74-8	Carbazole	51.5	U	51.5	83.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.1	U	54.1	83.4	110	ug/Kg
206-44-0	Fluoranthene	1000		52.4	83.4	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	1300		53.2	83.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.1	U	62.1	83.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.3	U	63.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	890		51.8	83.4	110	ug/Kg
218-01-9	Chrysene	1200		51	83.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.4	U	58.4	83.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.6	U	70.6	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200	E	52	83.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		53	83.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1700	E	59.7	83.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		50.1	83.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	340		52.1	83.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		51.4	83.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.7	U	55.7	83.4	110	ug/Kg
123-91-1	1,4-Dioxane	70.6	U	70.6	83.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.8	J	47.9	83.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.4	U	53.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.561		18-112		53	SPK: -150
13127-88-3	Phenol-d6	75.376		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	55.35		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	65.49		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930	SDG No.:	BF111924
Lab Sample ID:	P4889-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
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
BF140479.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.745		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	58.519		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140940	6.875				
1146-65-2	Naphthalene-d8	501439	8.151				
15067-26-2	Acenaphthene-d10	235765	9.904				
1517-22-2	Phenanthrene-d10	354475	11.398				
1719-03-5	Chrysene-d12	219625	14.045				
1520-96-3	Perylene-d12	188677	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	730	J			2.163	
000119-61-9	Benzophenone	84	J			10.616	
002235-15-6	1(2H)-Acenaphthylenone	93.9	J			10.822	
002531-84-2	Phenanthrene, 2-methyl-	110	J			11.898	
000057-10-3	n-Hexadecanoic acid	340	J			11.928	
1000210-14-8	Naphtho[1,2-b]norbornadiene	310	J			12.01	
000084-65-1	9,10-Anthracenedione	110	J			12.222	
000781-43-1	9,10-Dimethylanthracene	190	J			12.451	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			12.539	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	92.6	J			12.71	
000243-17-4	11H-Benzo[b]fluorene	83.8	J			13.063	
002381-21-7	Pyrene, 1-methyl-	150	J			13.163	
003353-12-6	Pyrene, 4-methyl-	86.4	J			13.275	
027208-37-3	Cyclopenta[cd]pyrene	77.6	J			13.845	
007476-08-6	Benz(a)anthracene-7-carbonitrile	340	J			14.933	
000192-97-2	Benzo[e]pyrene	380	J			15.21	
000198-55-0	Perylene	1500	J			15.416	
000629-78-7	Heptadecane	190	J			15.986	
000213-46-7	Picene	110	J			17.215	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930	SDG No.:	BF111924
Lab Sample ID:	P4889-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
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
BF140479.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000215-58-7	Benzo[b]triphenylene	180	J			17.28	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	VNJ-228	SDG No.:	BF111924
Lab Sample ID:	P4889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140480.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

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	52.6	U	52.6	85.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.8	U	63.8	85.6	110	ug/Kg
108-95-2	Phenol	54.6	U	54.6	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.7	U	55.7	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.6	U	56.6	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.9	U	56.9	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.8	U	59.8	85.6	110	ug/Kg
98-86-2	Acetophenone	57.2	U	57.2	85.6	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	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.6	110	ug/Kg
98-95-3	Nitrobenzene	59.8	U	59.8	85.6	110	ug/Kg
78-59-1	Isophorone	55.7	U	55.7	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.2	U	62.2	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.4	U	61.4	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.5	U	56.5	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.7	U	49.7	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.2	U	56.2	85.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.4	U	54.4	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	54.4	U	54.4	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	VNJ-228	SDG No.:	BF111924
Lab Sample ID:	P4889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140480.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

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	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.3	U	54.3	85.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	57.5	U	57.5	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	62.5	U	62.5	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.8	U	53.8	85.6	110	ug/Kg
208-96-8	Acenaphthylene	56.9	U	56.9	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.8	U	54.8	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.7	U	58.7	85.6	110	ug/Kg
83-32-9	Acenaphthene	53.4	U	53.4	85.6	110	ug/Kg
Total PAH	Total PAH	5126.4		872.3	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.4	U	76.4	180	220	ug/Kg
132-64-9	Dibenzofuran	55.6	U	55.6	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.6	U	111.6	85.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.8	U	56.8	85.6	110	ug/Kg
84-66-2	Diethylphthalate	52.7	U	52.7	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.4	U	56.4	85.6	110	ug/Kg
86-73-7	Fluorene	56.3	U	56.3	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	70.4	U	70.4	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.6	110	ug/Kg
103-33-3	Azobenzene	52.4	U	52.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.6	110	ug/Kg
1912-24-9	Atrazine	60.2	U	60.2	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	VNJ-228	SDG No.:	BF111924
Lab Sample ID:	P4889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140480.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.9	U	50.9	180	220	ug/Kg
85-01-8	Phenanthrene	490		55.3	85.6	110	ug/Kg
120-12-7	Anthracene	130		55.6	85.6	110	ug/Kg
86-74-8	Carbazole	52.9	U	52.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.5	U	55.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	870		53.8	85.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	780		54.6	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.7	U	63.7	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.9	U	64.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	500		53.1	85.6	110	ug/Kg
218-01-9	Chrysene	480		52.3	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.9	U	59.9	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.4	U	72.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	610		53.4	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		54.4	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	460		61.2	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		51.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66.4	J	53.5	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		52.7	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.1	U	57.1	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	72.4	U	72.4	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.8	U	54.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.876		18-112		63	SPK: -150
13127-88-3	Phenol-d6	92.047		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.54		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	74.822		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	VNJ-228	SDG No.:	BF111924
Lab Sample ID:	P4889-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140480.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.436		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	65.01		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128086	6.875				
1146-65-2	Naphthalene-d8	463803	8.151				
15067-26-2	Acenaphthene-d10	222443	9.904				
1517-22-2	Phenanthrene-d10	352579	11.398				
1719-03-5	Chrysene-d12	228634	14.045				
1520-96-3	Perylene-d12	189698	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	860	J			2.157	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	170	J			6.151	
000127-91-3	.beta.-Pinene	79.2	J			6.575	
	unknown9.998	160	J			9.998	
000119-61-9	Benzophenone	140	J			10.616	
002531-84-2	Phenanthrene, 2-methyl-	340	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			12.01	
056641-38-4	1,6-Methano-1H-indene, 2,3,3a,4,5,	81.6	J			12.127	
000612-94-2	Naphthalene, 2-phenyl-	46.7	J			12.192	
000084-65-1	9,10-Anthracenedione	51.1	J			12.222	
005103-74-2	trans-Chlordane	67.6	J			12.704	
002381-21-7	Pyrene, 1-methyl-	56	J			13.057	
000243-17-4	11H-Benzo[b]fluorene	72.4	J			13.168	
003353-12-6	Pyrene, 4-methyl-	44.3	J			13.274	
000192-97-2	Benzo[e]pyrene	260	J			15.398	
000646-31-1	Tetracosane	110	J			15.98	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111924
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140481.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.2	U	65.2	87.5	110	ug/Kg
108-95-2	Phenol	55.8	U	55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	56.2	U	56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.2	U	58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.9	U	55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.7	U	53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.9	U	55.9	87.5	110	ug/Kg
98-95-3	Nitrobenzene	61.1	U	61.1	87.5	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	55.6	U	55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.1	U	56.1	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111924
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140481.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.2	U	52.2	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.1	U	48.1	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.8	U	49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.1	U	56.1	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.5	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.5	110	ug/Kg
Total PAH	Total PAH	1167.2	U	891.8	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.1	U	78.1	180	220	ug/Kg
132-64-9	Dibenzofuran	56.8	U	56.8	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	114	U	114	87.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	87.5	110	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	87.5	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.1	U	53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	57.2	U	57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	61.5	U	61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111924
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140481.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	100	J	56.5	87.5	110	ug/Kg
120-12-7	Anthracene	56.8	U	56.8	87.5	110	ug/Kg
86-74-8	Carbazole	54	U	54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	210		55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	180		55.9	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.4	U	66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	130		54.3	87.5	110	ug/Kg
218-01-9	Chrysene	110		53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	71.2	J	55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	120		62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.1	J	52.6	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.9	J	53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	74	U	74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.05		18-112		46	SPK: -150
13127-88-3	Phenol-d6	68.363		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	50.749		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	56.635		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111924
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140481.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.246		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	48.693		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154370	6.875				
1146-65-2	Naphthalene-d8	549505	8.151				
15067-26-2	Acenaphthene-d10	258001	9.91				
1517-22-2	Phenanthrene-d10	399246	11.398				
1719-03-5	Chrysene-d12	267445	14.045				
1520-96-3	Perylene-d12	205011	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	550	J			2.158	
000119-61-9	Benzophenone	100	J			10.622	
000057-10-3	n-Hexadecanoic acid	150	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	49.4	J			12.01	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111924
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140482.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.5	U	94.5	290	360	ug/Kg
110-86-1	Pyridine	87	U	87	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.2	U	90.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.1	U	91.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	90.9	U	90.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.1	U	92.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.6	U	93.6	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.1	U	94.1	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.3	U	90.3	290	360	ug/Kg
95-48-7	2-Methylphenol	87.7	U	87.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.9	U	98.9	140	190	ug/Kg
98-86-2	Acetophenone	94.6	U	94.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	86.8	U	86.8	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.1	87.1	ug/Kg
67-72-1	Hexachloroethane	90.3	U	90.3	140	190	ug/Kg
98-95-3	Nitrobenzene	98.8	U	98.8	140	190	ug/Kg
78-59-1	Isophorone	92.1	U	92.1	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.4	U	93.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.2	U	82.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.9	U	92.9	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.9	U	89.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	89.9	U	89.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.7	U	90.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111924
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140482.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.5	U	94.5	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.3	U	84.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.8	U	89.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.7	U	77.7	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.5	U	80.5	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.1	U	95.1	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.7	U	90.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	140	190	ug/Kg
208-96-8	Acenaphthylene	94.1	U	94.1	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.5	U	90.5	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.1	U	97.1	140	190	ug/Kg
83-32-9	Acenaphthene	88.3	U	88.3	140	190	ug/Kg
Total PAH	Total PAH	1440.8	U	1440.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.8	U	91.8	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	184.3	U	184.3	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.8	U	93.8	140	190	ug/Kg
84-66-2	Diethylphthalate	87.2	U	87.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.2	U	93.2	140	190	ug/Kg
86-73-7	Fluorene	93	U	93	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.8	U	88.8	140	190	ug/Kg
103-33-3	Azobenzene	86.6	U	86.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.9	U	85.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.5	U	92.5	140	190	ug/Kg
1912-24-9	Atrazine	99.5	U	99.5	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111924
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140482.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.1	U	84.1	290	360	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	140	190	ug/Kg
120-12-7	Anthracene	91.8	U	91.8	140	190	ug/Kg
86-74-8	Carbazole	87.4	U	87.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.7	U	91.7	140	190	ug/Kg
206-44-0	Fluoranthene	88.9	U	88.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	90.3	U	90.3	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.8	U	87.8	140	190	ug/Kg
218-01-9	Chrysene	86.5	U	86.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99	U	99	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.3	U	88.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.9	U	89.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85	U	85	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.4	U	88.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.2	U	87.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.5	U	94.5	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.3	U	81.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.5	U	90.5	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.168		18-112		57	SPK: -150
13127-88-3	Phenol-d6	80.334		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	59.964		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	68.505		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111924
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140482.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.943		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	59.551		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163847	6.875				
1146-65-2	Naphthalene-d8	576180	8.151				
15067-26-2	Acenaphthene-d10	259394	9.91				
1517-22-2	Phenanthrene-d10	406415	11.398				
1719-03-5	Chrysene-d12	265711	14.045				
1520-96-3	Perylene-d12	205466	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.098	
000629-59-4	Tetradecane	74	J			9.298	
000119-61-9	Benzophenone	350	J			10.622	
000629-50-5	Tridecane	80.9	J			10.804	
000057-10-3	n-Hexadecanoic acid	210	J			11.922	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	78.7	J			12.845	
000301-02-0	9-Octadecenamide, (Z)-	490	J			13.463	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424RE	SDG No.:	BF111924
Lab Sample ID:	P4859-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140483.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.6	U	56.6	180	220	ug/Kg
110-86-1	Pyridine	52.1	U	52.1	84.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.2	U	63.2	84.8	110	ug/Kg
108-95-2	Phenol	54.1	U	54.1	84.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.6	U	54.6	84.8	110	ug/Kg
95-57-8	2-Chlorophenol	54.5	U	54.5	84.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.2	U	55.2	84.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.1	U	56.1	84.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.4	U	56.4	84.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.2	U	54.2	180	220	ug/Kg
95-48-7	2-Methylphenol	52.6	U	52.6	84.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.3	U	59.3	84.8	110	ug/Kg
98-86-2	Acetophenone	56.7	U	56.7	84.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.1	U	52.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.3	U	26.3	52.2	52.2	ug/Kg
67-72-1	Hexachloroethane	54.2	U	54.2	84.8	110	ug/Kg
98-95-3	Nitrobenzene	59.2	U	59.2	84.8	110	ug/Kg
78-59-1	Isophorone	55.2	U	55.2	84.8	110	ug/Kg
88-75-5	2-Nitrophenol	61.7	U	61.7	84.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.8	U	60.8	84.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56	U	56	84.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.3	U	49.3	84.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.7	U	55.7	84.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	53.9	U	53.9	84.8	110	ug/Kg
106-47-8	4-Chloroaniline	53.9	U	53.9	84.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.4	U	54.4	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424RE	SDG No.:	BF111924
Lab Sample ID:	P4859-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140483.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.6	U	56.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.6	U	50.6	84.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.8	U	53.8	84.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.6	U	46.6	84.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.3	U	48.3	84.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57	U	57	84.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.4	U	54.4	84.8	110	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	84.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	84.8	110	ug/Kg
208-96-8	Acenaphthylene	56.4	U	56.4	84.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.3	U	54.3	84.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.2	U	58.2	84.8	110	ug/Kg
83-32-9	Acenaphthene	52.9	U	52.9	84.8	110	ug/Kg
Total PAH	Total PAH	1072.2	U	864.8	84.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.7	U	75.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.1	U	55.1	84.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.5	U	110.5	84.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.2	U	56.2	84.8	110	ug/Kg
84-66-2	Diethylphthalate	52.3	U	52.3	84.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.9	U	55.9	84.8	110	ug/Kg
86-73-7	Fluorene	55.8	U	55.8	84.8	110	ug/Kg
100-01-6	4-Nitroaniline	69.8	U	69.8	84.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.3	U	76.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.2	U	53.2	84.8	110	ug/Kg
103-33-3	Azobenzene	51.9	U	51.9	84.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.5	U	51.5	84.8	110	ug/Kg
118-74-1	Hexachlorobenzene	55.5	U	55.5	84.8	110	ug/Kg
1912-24-9	Atrazine	59.6	U	59.6	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424RE	SDG No.:	BF111924
Lab Sample ID:	P4859-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140483.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.4	U	50.4	180	220	ug/Kg
85-01-8	Phenanthrene	120		54.8	84.8	110	ug/Kg
120-12-7	Anthracene	55.1	U	55.1	84.8	110	ug/Kg
86-74-8	Carbazole	52.4	U	52.4	84.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	84.8	110	ug/Kg
206-44-0	Fluoranthene	220		53.3	84.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	200		54.2	84.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.2	U	63.2	84.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.3	U	64.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	52.7	84.8	110	ug/Kg
218-01-9	Chrysene	100	J	51.9	84.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.4	U	59.4	84.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.8	U	71.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	120		52.9	84.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.9	U	53.9	84.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	60.7	84.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.3	J	51	84.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	84.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59.9	J	52.3	84.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.6	U	56.6	84.8	110	ug/Kg
123-91-1	1,4-Dioxane	71.8	U	71.8	84.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.7	U	48.7	84.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.3	U	54.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	48.988		18-112		33	SPK: -150
13127-88-3	Phenol-d6	46.749		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	35.156		18-107		35	SPK: -100
321-60-8	2-Fluorobiphenyl	42.334		20-109		42	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424RE	SDG No.:	BF111924
Lab Sample ID:	P4859-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140483.D	1	11/15/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	41.414		10-116		28	SPK: -150
1718-51-0	Terphenyl-d14	39.371		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145029	6.875				
1146-65-2	Naphthalene-d8	491046	8.151				
15067-26-2	Acenaphthene-d10	220477	9.91				
1517-22-2	Phenanthrene-d10	369942	11.398				
1719-03-5	Chrysene-d12	228780	14.045				
1520-96-3	Perylene-d12	192568	15.527				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BF111924
Lab Sample ID:	P4908-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140484.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

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	52.6	U	52.6	85.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.8	U	63.8	85.6	110	ug/Kg
108-95-2	Phenol	54.6	U	54.6	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.7	U	55.7	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.6	U	56.6	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.9	U	56.9	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.8	U	59.8	85.6	110	ug/Kg
98-86-2	Acetophenone	57.2	U	57.2	85.6	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	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.6	110	ug/Kg
98-95-3	Nitrobenzene	59.8	U	59.8	85.6	110	ug/Kg
78-59-1	Isophorone	55.7	U	55.7	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.2	U	62.2	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.3	U	61.3	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.5	U	56.5	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.7	U	49.7	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.2	U	56.2	85.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.4	U	54.4	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	54.4	U	54.4	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BF111924
Lab Sample ID:	P4908-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140484.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

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	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.3	U	54.3	85.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	57.5	U	57.5	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	62.5	U	62.5	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.8	U	53.8	85.6	110	ug/Kg
208-96-8	Acenaphthylene	56.9	U	56.9	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.8	U	54.8	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.7	U	58.7	85.6	110	ug/Kg
83-32-9	Acenaphthene	53.4	U	53.4	85.6	110	ug/Kg
Total PAH	Total PAH	872.2	U	872.2	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.4	U	76.4	180	220	ug/Kg
132-64-9	Dibenzofuran	55.6	U	55.6	85.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.7	U	56.7	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.5	U	111.5	85.6	220	ug/Kg
84-66-2	Diethylphthalate	52.7	U	52.7	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.3	U	56.3	85.6	110	ug/Kg
86-73-7	Fluorene	56.3	U	56.3	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	70.4	U	70.4	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.6	110	ug/Kg
103-33-3	Azobenzene	52.4	U	52.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	55.9	U	55.9	85.6	110	ug/Kg
1912-24-9	Atrazine	60.2	U	60.2	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BF111924
Lab Sample ID:	P4908-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140484.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.9	U	50.9	180	220	ug/Kg
85-01-8	Phenanthrene	55.3	U	55.3	85.6	110	ug/Kg
120-12-7	Anthracene	55.6	U	55.6	85.6	110	ug/Kg
86-74-8	Carbazole	52.9	U	52.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.5	U	55.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	53.8	U	53.8	85.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.6	U	54.6	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.7	U	63.7	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.9	U	64.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.1	U	53.1	85.6	110	ug/Kg
218-01-9	Chrysene	52.3	U	52.3	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.9	U	59.9	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.4	U	72.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.4	U	53.4	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.4	U	54.4	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.2	U	61.2	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	U	51.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.4	U	53.4	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.7	U	52.7	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.1	U	57.1	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	72.4	U	72.4	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.8	U	54.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.295		18-112		62	SPK: -150
13127-88-3	Phenol-d6	88.193		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	64.484		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	74.769		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BF111924
Lab Sample ID:	P4908-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140484.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.83		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	67.868		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129619	6.875				
1146-65-2	Naphthalene-d8	458959	8.151				
15067-26-2	Acenaphthene-d10	208804	9.91				
1517-22-2	Phenanthrene-d10	339102	11.398				
1719-03-5	Chrysene-d12	209256	14.045				
1520-96-3	Perylene-d12	164972	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	760	J			2.163	
001119-40-0	Pentanedioic acid, dimethyl ester	44.8	J			7.681	
000119-61-9	Benzophenone	110	J			10.621	
000057-10-3	n-Hexadecanoic acid	190	J			11.921	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	54.9	J			13.421	
000646-31-1	Tetracosane	130	J			15.986	

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BF111924
Lab Sample ID:	P4908-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF140485.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.5	U	56.5	180	210	ug/Kg
110-86-1	Pyridine	52	U	52	84.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63.1	U	63.1	84.6	110	ug/Kg
108-95-2	Phenol	54	U	54	84.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.5	U	54.5	84.6	110	ug/Kg
95-57-8	2-Chlorophenol	54.4	U	54.4	84.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.1	U	55.1	84.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56	U	56	84.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.3	U	56.3	84.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54	U	54	180	210	ug/Kg
95-48-7	2-Methylphenol	52.5	U	52.5	84.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.2	U	59.2	84.6	110	ug/Kg
98-86-2	Acetophenone	56.6	U	56.6	84.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	52	U	52	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52.1	52.1	ug/Kg
67-72-1	Hexachloroethane	54	U	54	84.6	110	ug/Kg
98-95-3	Nitrobenzene	59.1	U	59.1	84.6	110	ug/Kg
78-59-1	Isophorone	55.1	U	55.1	84.6	110	ug/Kg
88-75-5	2-Nitrophenol	61.5	U	61.5	84.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.7	U	60.7	84.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.9	U	55.9	84.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.2	U	49.2	84.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.6	U	55.6	84.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.8	U	53.8	84.6	110	ug/Kg
106-47-8	4-Chloroaniline	53.8	U	53.8	84.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.2	U	54.2	84.6	110	ug/Kg

Report of Analysis

Client:			Date Collected:	11/18/2024 12:00:00 AM	
Project:			Date Received:	11/18/2024 12:00:00 AM	
Client Sample ID:	SP-2		SDG No.:	BF111924	
Lab Sample ID:	P4908-03		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	8	
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
BF140485.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.5	U	56.5	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.5	U	50.5	84.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.7	U	53.7	84.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.5	U	46.5	84.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.2	U	48.2	84.6	110	ug/Kg
92-52-4	1,1-Biphenyl	56.9	U	56.9	84.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.2	U	54.2	84.6	110	ug/Kg
88-74-4	2-Nitroaniline	61.9	U	61.9	84.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.2	U	53.2	84.6	110	ug/Kg
208-96-8	Acenaphthylene	56.3	U	56.3	84.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.2	U	54.2	84.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.1	U	58.1	84.6	110	ug/Kg
83-32-9	Acenaphthene	52.8	U	52.8	84.6	110	ug/Kg
Total PAH	Total PAH	1797.8	U	863	84.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.5	U	75.5	180	210	ug/Kg
132-64-9	Dibenzofuran	55	U	55	84.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.3	U	110.3	84.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.1	U	56.1	84.6	110	ug/Kg
84-66-2	Diethylphthalate	52.2	U	52.2	84.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.7	U	55.7	84.6	110	ug/Kg
86-73-7	Fluorene	55.7	U	55.7	84.6	110	ug/Kg
100-01-6	4-Nitroaniline	69.7	U	69.7	84.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.2	U	76.2	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.1	U	53.1	84.6	110	ug/Kg
103-33-3	Azobenzene	51.8	U	51.8	84.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.4	U	51.4	84.6	110	ug/Kg
118-74-1	Hexachlorobenzene	55.3	U	55.3	84.6	110	ug/Kg
1912-24-9	Atrazine	59.5	U	59.5	84.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BF111924
Lab Sample ID:	P4908-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF140485.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.3	U	50.3	180	210	ug/Kg
85-01-8	Phenanthrene	330		54.7	84.6	110	ug/Kg
120-12-7	Anthracene	72.1	J	55	84.6	110	ug/Kg
86-74-8	Carbazole	52.3	U	52.3	84.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.9	U	54.9	84.6	110	ug/Kg
206-44-0	Fluoranthene	330		53.2	84.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	280		54	84.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	63	84.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.2	U	64.2	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	170		52.5	84.6	110	ug/Kg
218-01-9	Chrysene	150		51.8	84.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.3	U	59.3	84.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.6	U	71.6	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	160		52.8	84.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	J	53.8	84.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	130		60.6	84.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.9	J	50.9	84.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.9	U	52.9	84.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61.8	J	52.2	84.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.5	U	56.5	84.6	110	ug/Kg
123-91-1	1,4-Dioxane	71.6	U	71.6	84.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.2	U	54.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.631		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.523		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	54.197		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	63.115		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BF111924
Lab Sample ID:	P4908-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF140485.D	1	11/19/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.031		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	57.291		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128449	6.875				
1146-65-2	Naphthalene-d8	442282	8.151				
15067-26-2	Acenaphthene-d10	201259	9.91				
1517-22-2	Phenanthrene-d10	327784	11.398				
1719-03-5	Chrysene-d12	204608	14.045				
1520-96-3	Perylene-d12	167630	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	710	J			2.158	
000119-61-9	Benzophenone	94.8	J			10.622	
002531-84-2	Phenanthrene, 2-methyl-	200	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	94.4	J			12.016	
000238-84-6	11H-Benzo[a]fluorene	50.1	J			13.169	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-3	SDG No.:	BF111924
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140486.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.9	U	90.9	280	350	ug/Kg
110-86-1	Pyridine	83.7	U	83.7	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.8	U	86.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.7	U	87.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.5	U	87.5	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.6	U	88.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.1	U	90.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.6	U	90.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	86.9	U	86.9	280	350	ug/Kg
95-48-7	2-Methylphenol	84.4	U	84.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.2	U	95.2	140	180	ug/Kg
98-86-2	Acetophenone	91	U	91	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.6	U	83.6	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.2	U	42.2	83.8	83.8	ug/Kg
67-72-1	Hexachloroethane	86.9	U	86.9	140	180	ug/Kg
98-95-3	Nitrobenzene	95.1	U	95.1	140	180	ug/Kg
78-59-1	Isophorone	88.6	U	88.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	99	U	99	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.6	U	97.6	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.9	U	89.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.1	U	79.1	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.5	U	89.5	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.5	U	86.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.5	U	86.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.3	U	87.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-3	SDG No.:	BF111924
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140486.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	90.9	U	90.9	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.2	U	81.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.4	U	86.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.8	U	74.8	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.5	U	77.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.6	U	91.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.3	U	87.3	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.5	U	99.5	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.6	U	85.6	140	180	ug/Kg
208-96-8	Acenaphthylene	90.6	U	90.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.2	U	87.2	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	140	180	ug/Kg
83-32-9	Acenaphthene	85	U	85	140	180	ug/Kg
Total PAH	Total PAH	1388.1	U	1388.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.4	U	88.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	77.5	U	177.5	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.3	U	90.3	140	180	ug/Kg
84-66-2	Diethylphthalate	83.9	U	83.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.7	U	89.7	140	180	ug/Kg
86-73-7	Fluorene	89.6	U	89.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.5	U	85.5	140	180	ug/Kg
103-33-3	Azobenzene	83.4	U	83.4	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.6	U	82.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	140	180	ug/Kg
1912-24-9	Atrazine	95.7	U	95.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-3	SDG No.:	BF111924
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140486.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81	U	81	280	350	ug/Kg
85-01-8	Phenanthrene	88	U	88	140	180	ug/Kg
120-12-7	Anthracene	88.4	U	88.4	140	180	ug/Kg
86-74-8	Carbazole	84.1	U	84.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.3	U	88.3	140	180	ug/Kg
206-44-0	Fluoranthene	85.6	U	85.6	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	86.9	U	86.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.5	U	84.5	140	180	ug/Kg
218-01-9	Chrysene	83.3	U	83.3	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.3	U	95.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	U	85	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.5	U	86.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.4	U	97.4	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.8	U	81.8	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.1	U	85.1	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.9	U	83.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.9	U	90.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.2	U	78.2	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.2	U	87.2	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.659		18-112		61	SPK: -150
13127-88-3	Phenol-d6	87.49		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	65.569		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	75.698		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-3	SDG No.:	BF111924
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140486.D	1	11/8/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.356		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	72.604		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127675	6.875				
1146-65-2	Naphthalene-d8	442278	8.151				
15067-26-2	Acenaphthene-d10	205389	9.91				
1517-22-2	Phenanthrene-d10	337964	11.398				
1719-03-5	Chrysene-d12	204768	14.045				
1520-96-3	Perylene-d12	163923	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.163	
004744-10-9	Propane, 1,1-dimethoxy-	78.9	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.098	
000119-61-9	Benzophenone	400	J			10.622	
000057-10-3	n-Hexadecanoic acid	330	J			11.922	
000301-02-0	9-Octadecenamide, (Z)-	200	J			13.463	
007683-64-9	Supraene	240	J			14.886	

Hit Summary Sheet SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-3-3								
P4768-03	B-3-3	Solid	2-Pentanone, 4-hydroxy-4-methyl *	130.000	A			
P4768-03	B-3-3	Solid	9-Octadecenamide, (Z)- *	490.000	J			
P4768-03	B-3-3	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	78.700	J			
P4768-03	B-3-3	Solid	Benzophenone *	350.000	J			
P4768-03	B-3-3	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			
P4768-03	B-3-3	Solid	n-Hexadecanoic acid *	210.000	J			
P4768-03	B-3-3	Solid	Tetradecane *	74.000	J			
P4768-03	B-3-3	Solid	Tridecane *	80.900	J			
Total Tics :					3,613.60			
Total Concentration:					3,613.60			
Client ID : B-6-3								
P4768-07	B-6-3	Solid	2-Pentanone, 4-hydroxy-4-methyl *	130.000	A			
P4768-07	B-6-3	Solid	9-Octadecenamide, (Z)- *	200.000	J			
P4768-07	B-6-3	Solid	Benzophenone *	400.000	J			
P4768-07	B-6-3	Solid	Butane, 2-methoxy-2-methyl- *	2,300.000	J			
P4768-07	B-6-3	Solid	n-Hexadecanoic acid *	330.000	J			
P4768-07	B-6-3	Solid	Propane, 1,1-dimethoxy- *	78.900	J			
P4768-07	B-6-3	Solid	Supraene *	240.000	J			
Total Tics :					3,678.90			
Total Concentration:					3,678.90			
Client ID : P-1								
P4771-05	P-1	Solid	(E)-Hexadec-9-enoic acid *	480.000	J			
P4771-05	P-1	Solid	1-Phenyl-1-butene *	520.000	J			
P4771-05	P-1	Solid	10-Methylnonadecane *	450.000	J			
P4771-05	P-1	Solid	2,6,10-Trimethyltridecane *	550.000	J			
P4771-05	P-1	Solid	4H-Cyclopenta[def]phenanthrene *	610.000	J			
P4771-05	P-1	Solid	Benzene, 1-ethyl-3,5-dimethyl- *	700.000	J			
P4771-05	P-1	Solid	Butane, 2-methoxy-2-methyl- *	1,300.000	J			
P4771-05	P-1	Solid	Dodecane, 2-methyl-6-propyl- *	1,000.000	J			
P4771-05	P-1	Solid	Hexadecane, 2,6,10,14-tetramethy *	1,800.000	J			
P4771-05	P-1	Solid	n-Hexadecanoic acid *	1,200.000	J			
P4771-05	P-1	Solid	Naphthalene, 1,3-dimethyl- *	520.000	J			
P4771-05	P-1	Solid	Naphthalene, 1,5-dimethyl- *	660.000	J			
P4771-05	P-1	Solid	Naphthalene, 1,6,7-trimethyl- *	630.000	J			
P4771-05	P-1	Solid	Naphthalene, 2,3,6-trimethyl- *	490.000	J			
P4771-05	P-1	Solid	Naphthalene, 2,3-dimethyl- *	910.000	J			

Hit Summary Sheet SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4771-05	P-1	Solid	Nonadecane	*	460.000	J		
P4771-05	P-1	Solid	Octacosane	*	660.000	J		
P4771-05	P-1	Solid	Supraene	*	410.000	J		
P4771-05	P-1	Solid	Tetradecane	*	660.000	J		
P4771-05	P-1	Solid	Tridecane	*	720.000	J		
Total Tics :				14,730.00				
P4771-05	P-1	Solid	1-Methylnaphthalene		590.000		88	180 ug/Kg
P4771-05	P-1	Solid	2-Methylnaphthalene		370.000		87.3	180 ug/Kg
P4771-05	P-1	Solid	Acenaphthene		130.000	J	85.8	180 ug/Kg
P4771-05	P-1	Solid	Anthracene		370.000		89.3	180 ug/Kg
P4771-05	P-1	Solid	Benzo(a)anthracene		820.000		85.4	180 ug/Kg
P4771-05	P-1	Solid	Benzo(a)pyrene		510.000		98.4	180 ug/Kg
P4771-05	P-1	Solid	Benzo(b)fluoranthene		620.000		85.8	180 ug/Kg
P4771-05	P-1	Solid	Benzo(g,h,i)perylene		210.000		84.8	180 ug/Kg
P4771-05	P-1	Solid	Benzo(k)fluoranthene		260.000		87.4	180 ug/Kg
P4771-05	P-1	Solid	Chrysene		700.000		84.1	180 ug/Kg
P4771-05	P-1	Solid	Fluoranthene		1,600.000		86.5	180 ug/Kg
P4771-05	P-1	Solid	Fluorene		200.000		90.5	180 ug/Kg
P4771-05	P-1	Solid	Indeno(1,2,3-cd)pyrene		200.000		82.7	180 ug/Kg
P4771-05	P-1	Solid	Naphthalene		150.000	J	87.4	180 ug/Kg
P4771-05	P-1	Solid	Phenanthrene		1,600.000		88.9	180 ug/Kg
P4771-05	P-1	Solid	Pyrene		1,500.000		87.8	180 ug/Kg
P4771-05	P-1	Solid	Total PAH		8,870.000		1402.2	2880 ug/Kg
Total Svoc :				18,700.00				
Total Concentration:				33,430.00				
Client ID : P-2								
P4771-07	P-2	Solid	2,6,10-Trimethyltridecane	*	370.000	J		
P4771-07	P-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4771-07	P-2	Solid	Benzophenone	*	290.000	J		
P4771-07	P-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P4771-07	P-2	Solid	Carbonic acid, prop-1-en-2-yl trid	*	94.100	J		
P4771-07	P-2	Solid	Decane, 2,5,9-trimethyl-	*	76.300	J		
P4771-07	P-2	Solid	Dodecane, 2-methyl-	*	78.000	J		
P4771-07	P-2	Solid	Eicosane	*	80.400	J		
P4771-07	P-2	Solid	Heptacosane	*	110.000	J		
P4771-07	P-2	Solid	Heptadecane	*	130.000	J		
P4771-07	P-2	Solid	Hexadecane	*	110.000	J		
P4771-07	P-2	Solid	Hexane, 2,2,5-trimethyl-	*	140.000	J		
P4771-07	P-2	Solid	Hexane, 3,3-dimethyl-	*	81.800	J		
P4771-07	P-2	Solid	n-Hexadecanoic acid	*	270.000	J		

Hit Summary Sheet SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4771-07	P-2	Solid	Octadecane	*	110.000	J		
P4771-07	P-2	Solid	Octane, 2,2,6-trimethyl-	*	99.000	J		
P4771-07	P-2	Solid	Pentadecane, 2,6,10-trimethyl-	*	130.000	J		
P4771-07	P-2	Solid	Pentadecane, 8-hexyl-	*	150.000	J		
P4771-07	P-2	Solid	Sulfurous acid, 2-ethylhexyl hexyl	*	96.200	J		
P4771-07	P-2	Solid	Tetradecane	*	99.300	J		
			Total Tics :		4,535.10			
P4771-07	P-2	Solid	Pyrene		96.500	J 87.1	180	ug/Kg
			Total Svoc :		96.50			
			Total Concentration:		4,631.60			
Client ID : RR-1								
P4849-01	RR-1	Solid	4H-Cyclopenta[def]phenanthrene	*	49.400	J		
P4849-01	RR-1	Solid	Benzophenone	*	100.000	J		
P4849-01	RR-1	Solid	Butane, 2-methoxy-2-methyl-	*	550.000	J		
P4849-01	RR-1	Solid	n-Hexadecanoic acid	*	150.000	J		
			Total Tics :		849.40			
P4849-01	RR-1	Solid	Benzo(a)anthracene		130.000	54.3	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(a)pyrene		120.000	62.6	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(b)fluoranthene		130.000	54.6	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(g,h,i)perylene		62.900	J 53.9	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(k)fluoranthene		71.200	J 55.6	110	ug/Kg
P4849-01	RR-1	Solid	Chrysene		110.000	53.5	110	ug/Kg
P4849-01	RR-1	Solid	Fluoranthene		210.000	55	110	ug/Kg
P4849-01	RR-1	Solid	Indeno(1,2,3-cd)pyrene		53.100	J 52.6	110	ug/Kg
P4849-01	RR-1	Solid	Phenanthrene		100.000	J 56.5	110	ug/Kg
P4849-01	RR-1	Solid	Pyrene		180.000	55.9	110	ug/Kg
			Total Svoc :		1,167.20			
			Total Concentration:		2,016.60			
Client ID : COMP-1								
P4852-01	COMP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	86.800	A		
P4852-01	COMP-1	Solid	Benzophenone	*	190.000	J		
P4852-01	COMP-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4852-01	COMP-1	Solid	n-Hexadecanoic acid	*	140.000	J		
			Total Tics :		1,516.80			
P4852-01	COMP-1	Solid	Fluoranthene		190.000	J 98.1	200	ug/Kg
P4852-01	COMP-1	Solid	Phenanthrene		130.000	J 100	200	ug/Kg
P4852-01	COMP-1	Solid	Pyrene		170.000	J 99.6	200	ug/Kg
			Total Svoc :		490.00			
			Total Concentration:		2,006.80			

Hit Summary Sheet SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-2								
P4852-02	COMP-2	Solid	13-Docosenamide, (Z)-	*	81.800	J		
P4852-02	COMP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	96.900	A		
P4852-02	COMP-2	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P4852-02	COMP-2	Solid	Benzo[e]pyrene	*	170.000	J		
P4852-02	COMP-2	Solid	Benzophenone	*	270.000	J		
P4852-02	COMP-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P4852-02	COMP-2	Solid	Phenanthrene, 2-methyl-	*	330.000	J		
Total Tics :					2,488.70			
P4852-02	COMP-2	Solid	Anthracene		130.000	J 100	210	ug/Kg
P4852-02	COMP-2	Solid	Benzo(a)anthracene		360.000	99	210	ug/Kg
P4852-02	COMP-2	Solid	Benzo(a)pyrene		320.000	110	210	ug/Kg
P4852-02	COMP-2	Solid	Benzo(b)fluoranthene		340.000	99.5	210	ug/Kg
P4852-02	COMP-2	Solid	Benzo(g,h,i)perylene		150.000	J 98.2	210	ug/Kg
P4852-02	COMP-2	Solid	Benzo(k)fluoranthene		170.000	J 100	210	ug/Kg
P4852-02	COMP-2	Solid	Chrysene		330.000	97.5	210	ug/Kg
P4852-02	COMP-2	Solid	Fluoranthene		650.000	100	210	ug/Kg
P4852-02	COMP-2	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 95.8	210	ug/Kg
P4852-02	COMP-2	Solid	Phenanthrene		550.000	100	210	ug/Kg
P4852-02	COMP-2	Solid	Pyrene		640.000	100	210	ug/Kg
Total Svoc :					3,790.00			
Total Concentration:					6,278.70			
Client ID : COMP-3								
P4852-03	COMP-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4852-03	COMP-3	Solid	9-Octadecenamide, (Z)-	*	93.400	J		
P4852-03	COMP-3	Solid	Benzo[e]pyrene	*	84.800	J		
P4852-03	COMP-3	Solid	Benzophenone	*	300.000	J		
P4852-03	COMP-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P4852-03	COMP-3	Solid	Dibenzo[def,mno]chrysene	*	84.800	J		
P4852-03	COMP-3	Solid	n-Hexadecanoic acid	*	250.000	J		
Total Tics :					2,633.00			
P4852-03	COMP-3	Solid	2,6-Dinitrotoluene		320.000	94	190	ug/Kg
P4852-03	COMP-3	Solid	Benzo(a)anthracene		140.000	J 91.2	190	ug/Kg
P4852-03	COMP-3	Solid	Benzo(a)pyrene		130.000	J 110	190	ug/Kg
P4852-03	COMP-3	Solid	Benzo(b)fluoranthene		150.000	J 91.7	190	ug/Kg
P4852-03	COMP-3	Solid	Chrysene		140.000	J 89.8	190	ug/Kg
P4852-03	COMP-3	Solid	Fluoranthene		220.000	92.3	190	ug/Kg
P4852-03	COMP-3	Solid	Phenanthrene		150.000	J 94.9	190	ug/Kg
P4852-03	COMP-3	Solid	Pyrene		240.000	93.8	190	ug/Kg
Total Svoc :					1,490.00			

Hit Summary Sheet
SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,123.00				
Client ID : VNJ-226								
P4857-03	VNJ-226	Solid	(E)-.beta.-Farnesene	*	57.300	J		
P4857-03	VNJ-226	Solid	1,1-Biphenyl, 4-methyl-	*	110.000	J		
P4857-03	VNJ-226	Solid	11H-Benzo[b]fluorene	*	58.300	J		
P4857-03	VNJ-226	Solid	4H-Cyclopenta[def]phenanthrene	*	77.700	J		
P4857-03	VNJ-226	Solid	Anthracene, 2-methyl-	*	63.400	J		
P4857-03	VNJ-226	Solid	Benzo[e]pyrene	*	130.000	J		
P4857-03	VNJ-226	Solid	Benzophenone	*	190.000	J		
P4857-03	VNJ-226	Solid	Butane, 2-methoxy-2-methyl-	*	650.000	J		
P4857-03	VNJ-226	Solid	Dodecane, 2-methyl-6-propyl-	*	48.300	J		
P4857-03	VNJ-226	Solid	Fluoranthene, 2-methyl-	*	91.800	J		
P4857-03	VNJ-226	Solid	Pyrene, 1-methyl-	*	49.600	J		
Total Tics :				1,526.40				
P4857-03	VNJ-226	Solid	Acenaphthene		270.000		51.8	110 ug/Kg
P4857-03	VNJ-226	Solid	Anthracene		230.000		53.9	110 ug/Kg
P4857-03	VNJ-226	Solid	Benzo(a)anthracene		320.000		51.5	110 ug/Kg
P4857-03	VNJ-226	Solid	Benzo(a)pyrene		180.000		59.4	110 ug/Kg
P4857-03	VNJ-226	Solid	Benzo(b)fluoranthene		290.000		51.8	110 ug/Kg
P4857-03	VNJ-226	Solid	Benzo(g,h,i)perylene		82.600	J	51.2	110 ug/Kg
P4857-03	VNJ-226	Solid	Benzo(k)fluoranthene		93.200	J	52.8	110 ug/Kg
P4857-03	VNJ-226	Solid	Chrysene		270.000		50.8	110 ug/Kg
P4857-03	VNJ-226	Solid	Dibenzofuran		210.000		53.9	110 ug/Kg
P4857-03	VNJ-226	Solid	Fluoranthene		1,300.000		52.2	110 ug/Kg
P4857-03	VNJ-226	Solid	Fluorene		400.000		54.6	110 ug/Kg
P4857-03	VNJ-226	Solid	Indeno(1,2,3-cd)pyrene		74.500	J	49.9	110 ug/Kg
P4857-03	VNJ-226	Solid	Phenanthrene		1,700.000		53.7	110 ug/Kg
P4857-03	VNJ-226	Solid	Pyrene		770.000		53	110 ug/Kg
P4857-03	VNJ-226	Solid	Total PAH		5,980.000		846.5	1760 ug/Kg
Total Svoc :				12,170.30				
Total Concentration:				13,696.70				
Client ID : NB-08-111424RE								
P4859-01RE	NB-08-111424RE	Solid	Benzo(a)anthracene		100.000	J	52.7	110 ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Benzo(a)pyrene		100.000	J	60.7	110 ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Benzo(b)fluoranthene		120.000		52.9	110 ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Benzo(g,h,i)perylene		59.900	J	52.3	110 ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Chrysene		100.000	J	51.9	110 ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Fluoranthene		220.000		53.3	110 ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Indeno(1,2,3-cd)pyrene		52.300	J	51	110 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4859-01RE	NB-08-111424RE	Solid	Phenanthrene	120.000		54.8	110	ug/Kg
P4859-01RE	NB-08-111424RE	Solid	Pyrene	200.000		54.2	110	ug/Kg
Total Svoc :						1,072.20		
Total Concentration:						1,072.20		

Client ID : EO-02-11152024

P4869-01	EO-02-11152024	Solid	2-Bromo dodecane	*	2,500.000	J		
P4869-01	EO-02-11152024	Solid	3-(Dimethylamino)propyl isothioc	*	2,000.000	J		
P4869-01	EO-02-11152024	Solid	9,12-Octadecadienoic acid, methy	*	8,400.000	J		
P4869-01	EO-02-11152024	Solid	Butane, 2-methoxy-2-methyl-	*	930.000	J		
P4869-01	EO-02-11152024	Solid	Carbonic acid, tetradecyl vinyl es	*	1,800.000	J		
P4869-01	EO-02-11152024	Solid	Heneicosane	*	830.000	J		
P4869-01	EO-02-11152024	Solid	Heptadecane, 9-octyl-	*	780.000	J		
P4869-01	EO-02-11152024	Solid	Hexadecane	*	1,700.000	J		
P4869-01	EO-02-11152024	Solid	Hexadecane, 2,6,10,14-tetramethy	*	1,000.000	J		
P4869-01	EO-02-11152024	Solid	Hexadecanoic acid, methyl ester	*	3,400.000	J		
P4869-01	EO-02-11152024	Solid	n-Hexadecanoic acid	*	1,000.000	J		
P4869-01	EO-02-11152024	Solid	Naphthalene, 1,4-dimethyl-	*	600.000	J		
P4869-01	EO-02-11152024	Solid	Naphthalene, 1,6,7-trimethyl-	*	1,300.000	J		
P4869-01	EO-02-11152024	Solid	Naphthalene, 2,6-dimethyl-	*	1,700.000	J		
P4869-01	EO-02-11152024	Solid	Naphthalene, 2,7-dimethyl-	*	990.000	J		
P4869-01	EO-02-11152024	Solid	Octadecanoic acid	*	790.000	J		
P4869-01	EO-02-11152024	Solid	Pentadecane	*	1,100.000	J		
P4869-01	EO-02-11152024	Solid	Sulfurous acid, 2-ethylhexyl tride	*	880.000	J		
P4869-01	EO-02-11152024	Solid	Tetradecane	*	1,400.000	J		
P4869-01	EO-02-11152024	Solid	Tridecane	*	1,500.000	J		
Total Tics :						34,600.00		
P4869-01	EO-02-11152024	Solid	1-Methylnaphthalene		470.000	J	270	ug/Kg
P4869-01	EO-02-11152024	Solid	2-Methylnaphthalene		700.000		270	ug/Kg
P4869-01	EO-02-11152024	Solid	Phenanthrene		390.000	J	280	ug/Kg
Total Svoc :						1,560.00		
Total Concentration:						36,160.00		

Client ID : TP-1

P4870-01	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	A		
P4870-01	TP-1	Solid	Benzophenone	*	93.100	J		
P4870-01	TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	700.000	J		
Total Tics :						1,023.10		
Total Concentration:						1,023.10		

Client ID : MH-735

P4870-04	MH-735	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	53.100	A		
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Hit Summary Sheet
SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4870-04	MH-735	Solid	Benzophenone	*	110.000	J		
P4870-04	MH-735	Solid	Butane, 2-methoxy-2-methyl-	*	760.000	J		
P4870-04	MH-735	Solid	Hexacosane	*	50.200	J		
P4870-04	MH-735	Solid	n-Hexadecanoic acid	*	93.400	J		
Total Tics :					1,066.70			
Total Concentration:					1,066.70			
Client ID : VNJ-228								
P4889-01	VNJ-228	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	170.000	J		
P4889-01	VNJ-228	Solid	.beta.-Pinene	*	79.200	J		
P4889-01	VNJ-228	Solid	1,6-Methano-1H-indene, 2,3,3a,4,	*	81.600	J		
P4889-01	VNJ-228	Solid	11H-Benzo[b]fluorene	*	72.400	J		
P4889-01	VNJ-228	Solid	4H-Cyclopenta[def]phenanthrene	*	170.000	J		
P4889-01	VNJ-228	Solid	9,10-Anthracenedione	*	51.100	J		
P4889-01	VNJ-228	Solid	Benzo[e]pyrene	*	260.000	J		
P4889-01	VNJ-228	Solid	Benzophenone	*	140.000	J		
P4889-01	VNJ-228	Solid	Butane, 2-methoxy-2-methyl-	*	860.000	J		
P4889-01	VNJ-228	Solid	Naphthalene, 2-phenyl-	*	46.700	J		
P4889-01	VNJ-228	Solid	Phenanthrene, 2-methyl-	*	340.000	J		
P4889-01	VNJ-228	Solid	Pyrene, 1-methyl-	*	56.000	J		
P4889-01	VNJ-228	Solid	Pyrene, 4-methyl-	*	44.300	J		
P4889-01	VNJ-228	Solid	Tetracosane	*	110.000	J		
P4889-01	VNJ-228	Solid	trans-Chlordane	*	67.600	J		
P4889-01	VNJ-228	Solid	unknown9.998	*	160.000	J		
Total Tics :					2,708.90			
P4889-01	VNJ-228	Solid	Anthracene		130.000	55.6	110	ug/Kg
P4889-01	VNJ-228	Solid	Benzo(a)anthracene		500.000	53.1	110	ug/Kg
P4889-01	VNJ-228	Solid	Benzo(a)pyrene		460.000	61.2	110	ug/Kg
P4889-01	VNJ-228	Solid	Benzo(b)fluoranthene		610.000	53.4	110	ug/Kg
P4889-01	VNJ-228	Solid	Benzo(g,h,i)perylene		270.000	52.7	110	ug/Kg
P4889-01	VNJ-228	Solid	Benzo(k)fluoranthene		240.000	54.4	110	ug/Kg
P4889-01	VNJ-228	Solid	Chrysene		480.000	52.3	110	ug/Kg
P4889-01	VNJ-228	Solid	Dibenzo(a,h)anthracene		66.400	J 53.5	110	ug/Kg
P4889-01	VNJ-228	Solid	Fluoranthene		870.000	53.8	110	ug/Kg
P4889-01	VNJ-228	Solid	Indeno(1,2,3-cd)pyrene		230.000	51.4	110	ug/Kg
P4889-01	VNJ-228	Solid	Phenanthrene		490.000	55.3	110	ug/Kg
P4889-01	VNJ-228	Solid	Pyrene		780.000	54.6	110	ug/Kg
P4889-01	VNJ-228	Solid	Total PAH		5,126.000	872.3	1760	ug/Kg
Total Svoc :					10,252.40			
Total Concentration:					12,961.30			

Hit Summary Sheet
SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : #72-11978								
P4889-03	#72-11978	Solid	1,3-Benzenedicarboxylic acid, bis *	52.500	J			
P4889-03	#72-11978	Solid	Benzo[e]pyrene *	78.900	J			
P4889-03	#72-11978	Solid	Benzophenone *	92.800	J			
P4889-03	#72-11978	Solid	Butane, 2-methoxy-2-methyl-	840.000	J			
P4889-03	#72-11978	Solid	n-Hexadecanoic acid *	110.000	J			
Total Tics :				1,174.20				
P4889-03	#72-11978	Solid	Benzo(a)anthracene	75.000	J	52.5	110	ug/Kg
P4889-03	#72-11978	Solid	Benzo(a)pyrene	98.600	J	60.5	110	ug/Kg
P4889-03	#72-11978	Solid	Benzo(b)fluoranthene	150.000		52.7	110	ug/Kg
P4889-03	#72-11978	Solid	Benzo(g,h,i)perylene	53.100	J	52.1	110	ug/Kg
P4889-03	#72-11978	Solid	Chrysene	98.900	J	51.7	110	ug/Kg
P4889-03	#72-11978	Solid	Fluoranthene	120.000		53.1	110	ug/Kg
P4889-03	#72-11978	Solid	Pentachlorophenol	55.000	J	50.3	210	ug/Kg
P4889-03	#72-11978	Solid	Pyrene	130.000		54	110	ug/Kg
Total Svoc :				780.60				
Total Concentration:				1,954.80				
Client ID : #72-11930								
P4889-05	#72-11930	Solid	1(2H)-Acenaphthylenone *	93.900	J			
P4889-05	#72-11930	Solid	11H-Benzo[b]fluorene *	83.800	J			
P4889-05	#72-11930	Solid	9,10-Anthracenedione *	110.000	J			
P4889-05	#72-11930	Solid	9,10-Dimethylanthracene *	190.000	J			
P4889-05	#72-11930	Solid	Benz(a)anthracene-7-carbonitrile *	340.000	J			
P4889-05	#72-11930	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	92.600	J			
P4889-05	#72-11930	Solid	Benzo[b]triphenylene *	180.000	J			
P4889-05	#72-11930	Solid	Benzo[e]pyrene *	380.000	J			
P4889-05	#72-11930	Solid	Benzophenone *	84.000	J			
P4889-05	#72-11930	Solid	Butane, 2-methoxy-2-methyl-	730.000	J			
P4889-05	#72-11930	Solid	Cyclopenta(def)phenanthrenone *	120.000	J			
P4889-05	#72-11930	Solid	Cyclopenta[cd]pyrene *	77.600	J			
P4889-05	#72-11930	Solid	Heptadecane *	190.000	J			
P4889-05	#72-11930	Solid	n-Hexadecanoic acid *	340.000	J			
P4889-05	#72-11930	Solid	Naphtho[1,2-b]norbornadiene *	310.000	J			
P4889-05	#72-11930	Solid	Perylene *	1,500.000	J			
P4889-05	#72-11930	Solid	Phenanthrene, 2-methyl-	110.000	J			
P4889-05	#72-11930	Solid	Picene *	110.000	J			
P4889-05	#72-11930	Solid	Pyrene, 1-methyl-	150.000	J			
P4889-05	#72-11930	Solid	Pyrene, 4-methyl-	86.400	J			
Total Tics :				5,278.30				
P4889-05	#72-11930	Solid	2,3,4,6-Tetrachlorophenol	54.800	J	47.9	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4889-05	#72-11930	Solid	Acenaphthylene	280.000		55.5	110	ug/Kg
P4889-05	#72-11930	Solid	Anthracene	190.000		54.1	110	ug/Kg
P4889-05	#72-11930	Solid	Benzo(a)anthracene	890.000		51.8	110	ug/Kg
P4889-05	#72-11930	Solid	Benzo(a)pyrene	1,700.000	E	59.7	110	ug/Kg
P4889-05	#72-11930	Solid	Benzo(b)fluoranthene	2,200.000	E	52	110	ug/Kg
P4889-05	#72-11930	Solid	Benzo(g,h,i)perylene	1,300.000		51.4	110	ug/Kg
P4889-05	#72-11930	Solid	Benzo(k)fluoranthene	910.000		53	110	ug/Kg
P4889-05	#72-11930	Solid	Chrysene	1,200.000		51	110	ug/Kg
P4889-05	#72-11930	Solid	Dibenzo(a,h)anthracene	340.000		52.1	110	ug/Kg
P4889-05	#72-11930	Solid	Fluoranthene	1,000.000		52.4	110	ug/Kg
P4889-05	#72-11930	Solid	Fluorene	60.000	J	54.8	110	ug/Kg
P4889-05	#72-11930	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		50.1	110	ug/Kg
P4889-05	#72-11930	Solid	Pentachlorophenol	2,500.000	E	49.6	210	ug/Kg
P4889-05	#72-11930	Solid	Phenanthrene	550.000		53.9	110	ug/Kg
P4889-05	#72-11930	Solid	Pyrene	1,300.000		53.2	110	ug/Kg

Total Svoc : 15,574.80
Total Concentration: 20,853.10

Client ID : SP-1

P4908-01	SP-1	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 *	54.900	J			
P4908-01	SP-1	Solid	Benzophenone *	110.000	J			
P4908-01	SP-1	Solid	Butane, 2-methoxy-2-methyl- *	760.000	J			
P4908-01	SP-1	Solid	n-Hexadecanoic acid *	190.000	J			
P4908-01	SP-1	Solid	Pentanedioic acid, dimethyl ester *	44.800	J			
P4908-01	SP-1	Solid	Tetracosane *	130.000	J			

Total Tics : 1,289.70
Total Concentration: 1,289.70

Client ID : SP-2

P4908-03	SP-2	Solid	11H-Benzo[a]fluorene *	50.100	J			
P4908-03	SP-2	Solid	4H-Cyclopenta[def]phenanthrene *	94.400	J			
P4908-03	SP-2	Solid	Benzophenone *	94.800	J			
P4908-03	SP-2	Solid	Butane, 2-methoxy-2-methyl- *	710.000	J			
P4908-03	SP-2	Solid	Phenanthrene, 2-methyl- *	200.000	J			

Total Tics : 1,149.30

P4908-03	SP-2	Solid	Anthracene	72.100	J	55	110	ug/Kg
P4908-03	SP-2	Solid	Benzo(a)anthracene	170.000		52.5	110	ug/Kg
P4908-03	SP-2	Solid	Benzo(a)pyrene	130.000		60.6	110	ug/Kg
P4908-03	SP-2	Solid	Benzo(b)fluoranthene	160.000		52.8	110	ug/Kg
P4908-03	SP-2	Solid	Benzo(g,h,i)perylene	61.800	J	52.2	110	ug/Kg
P4908-03	SP-2	Solid	Benzo(k)fluoranthene	59.000	J	53.8	110	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4908-03	SP-2	Solid	Chrysene	150.000		51.8	110	ug/Kg
P4908-03	SP-2	Solid	Fluoranthene	330.000		53.2	110	ug/Kg
P4908-03	SP-2	Solid	Indeno(1,2,3-cd)pyrene	54.900	J	50.9	110	ug/Kg
P4908-03	SP-2	Solid	Phenanthrene	330.000		54.7	110	ug/Kg
P4908-03	SP-2	Solid	Pyrene	280.000		54	110	ug/Kg
Total Svoc :						1,797.80		
Total Concentration:						2,947.10		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324

Instrument ID: _____ Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4

All other compounds must meet a minimum RRF of 0.010.



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF111324

SAS No.: BF111324

SDG No.: BF111324

Instrument ID:

Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D		RRF005 = BF140333.D		RRF010 = BF140334.D		
		RRF020 = BF140335.D		RRF050 = BF140337.D		RRF060 = BF140338.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6

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.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Benzo(b)fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(b)fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(k)fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(k)fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(a)pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Benzo(a)pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Indeno(1,2,3-cd)pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Indeno(1,2,3-cd)pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Dibenzo(a,h)anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Dibenzo(a,h)anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Benzo(g,h,i)perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
Benzo(g,h,i)perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 11:00

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	148463	6.881	586279	8.16	331728	9.92
	UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
	LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
	EPA SAMPLE NO.						
01	PB165019TB	144350	6.87	545389	8.15	303191	9.90
02	TP-1MS	148608	6.88	566127	8.15	313272	9.91
03	TP-1MSD	147727	6.88	561678	8.15	311833	9.91
04	MH-735	145876	6.87	558091	8.15	308724	9.90
05	COMP-1	154847	6.87	579716	8.15	318630	9.90
06	COMP-2	149238	6.87	570099	8.15	314788	9.90
07	COMP-3	152696	6.87	579902	8.15	312197	9.90
08	COMP-3MS	159273	6.88	604441	8.16	329881	9.91
09	COMP-3MSD	160639	6.88	617685	8.15	339230	9.91
10	P-1	146282	6.87	527101	8.15	277147	9.91
11	P-2	147130	6.87	564055	8.15	300744	9.90
12	#72-11978	153531	6.87	584112	8.15	304616	9.90
13	EO-02-11152024	177890	6.87	622089	8.15	302712	9.91
14	TP-1	142342	6.88	529334	8.15	260928	9.90
15	VNJ-226	148219	6.87	533496	8.15	257888	9.90
16	#72-11930	140940	6.88	501439	8.15	235765	9.90
17	VNJ-228	128086	6.88	463803	8.15	222443	9.90
18	RR-1	154370	6.88	549505	8.15	258001	9.91
19	B-3-3	163847	6.88	576180	8.15	259394	9.91
20	NB-08-111424RE	145029	6.88	491046	8.15	220477	9.91
21	SP-1	129619	6.88	458959	8.15	208804	9.91
22	SP-2	128449	6.88	442282	8.15	201259	9.91
23	B-6-3	127675	6.88	442278	8.15	205389	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 20:47

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	148463	6.881	586279	8.16	331728	9.92
UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
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.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 11:00

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	147186	6.875	589077	8.16	334544	9.92
	UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
	LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
	EPA SAMPLE NO.						
01	PB165019TB	144350	6.87	545389	8.15	303191	9.90
02	TP-1MS	148608	6.88	566127	8.15	313272	9.91
03	TP-1MSD	147727	6.88	561678	8.15	311833	9.91
04	MH-735	145876	6.87	558091	8.15	308724	9.90
05	COMP-1	154847	6.87	579716	8.15	318630	9.90
06	COMP-2	149238	6.87	570099	8.15	314788	9.90
07	COMP-3	152696	6.87	579902	8.15	312197	9.90
08	COMP-3MS	159273	6.88	604441	8.16	329881	9.91
09	COMP-3MSD	160639	6.88	617685	8.15	339230	9.91
10	P-1	146282	6.87	527101	8.15	277147	9.91
11	P-2	147130	6.87	564055	8.15	300744	9.90
12	#72-11978	153531	6.87	584112	8.15	304616	9.90
13	EO-02-11152024	177890	6.87	622089	8.15	302712	9.91
14	TP-1	142342	6.88	529334	8.15	260928	9.90
15	VNJ-226	148219	6.87	533496	8.15	257888	9.90
16	#72-11930	140940	6.88	501439	8.15	235765	9.90
17	VNJ-228	128086	6.88	463803	8.15	222443	9.90
18	RR-1	154370	6.88	549505	8.15	258001	9.91
19	B-3-3	163847	6.88	576180	8.15	259394	9.91
20	NB-08-111424RE	145029	6.88	491046	8.15	220477	9.91
21	SP-1	129619	6.88	458959	8.15	208804	9.91
22	SP-2	128449	6.88	442282	8.15	201259	9.91
23	B-6-3	127675	6.88	442278	8.15	205389	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 20:47

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	147186	6.875	589077	8.16	334544	9.92
UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
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.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDCCC040

Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140463.D

Time Analyzed: 11:00

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	137275	6.875	502770	8.16	278131	9.91
	UPPER LIMIT	274550	7.375	1005540	8.657	556262	10.41
	LOWER LIMIT	68637.5	6.375	251385	7.657	139065.5	9.41
	EPA SAMPLE NO.						
01	PB165019TB	144350	6.87	545389	8.15	303191	9.90
02	TP-1MS	148608	6.88	566127	8.15	313272	9.91
03	TP-1MSD	147727	6.88	561678	8.15	311833	9.91
04	MH-735	145876	6.87	558091	8.15	308724	9.90
05	COMP-1	154847	6.87	579716	8.15	318630	9.90
06	COMP-2	149238	6.87	570099	8.15	314788	9.90
07	COMP-3	152696	6.87	579902	8.15	312197	9.90
08	COMP-3MS	159273	6.88	604441	8.16	329881	9.91
09	COMP-3MSD	160639	6.88	617685	8.15	339230	9.91
10	P-1	146282	6.87	527101	8.15	277147	9.91
11	P-2	147130	6.87	564055	8.15	300744	9.90
12	#72-11978	153531	6.87	584112	8.15	304616	9.90
13	EO-02-11152024	177890	6.87	622089	8.15	302712	9.91
14	TP-1	142342	6.88	529334	8.15	260928	9.90
15	VNJ-226	148219	6.87	533496	8.15	257888	9.90
16	#72-11930	140940	6.88	501439	8.15	235765	9.90
17	VNJ-228	128086	6.88	463803	8.15	222443	9.90
18	RR-1	154370	6.88	549505	8.15	258001	9.91
19	B-3-3	163847	6.88	576180	8.15	259394	9.91
20	NB-08-111424RE	145029	6.88	491046	8.15	220477	9.91
21	SP-1	129619	6.88	458959	8.15	208804	9.91
22	SP-2	128449	6.88	442282	8.15	201259	9.91
23	B-6-3	127675	6.88	442278	8.15	205389	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140463.D Time Analyzed: 20:47

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	137275	6.875	502770	8.16	278131	9.91
UPPER LIMIT	274550	7.375	1005540	8.657	556262	10.41
LOWER LIMIT	68637.5	6.375	251385	7.657	139065.5	9.41
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.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 11:00

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	632223	11.404	388943	14.051	311863	15.557
	UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
	LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
	EPA SAMPLE NO.						
01	PB165019TB	576588	11.40	369743	14.06	301857	15.57
02	TP-1MS	585294	11.40	347810	14.06	308234	15.57
03	TP-1MSD	573421	11.40	332365	14.06	278980	15.58
04	MH-735	584299	11.40	342984	14.05	273501	15.57
05	COMP-1	582083	11.39	316058	14.05	288064	15.57
06	COMP-2	554705	11.40	289074	14.05	280792	15.56
07	COMP-3	553548	11.40	281611	14.05	283940	15.55
08	COMP-3MS	587430	11.40	297623	14.06	301999	15.56
09	COMP-3MSD	599763	11.40	308205	14.05	312291	15.53
10	P-1	459414	11.40	253688	14.05	274336	15.53
11	P-2	495297	11.40	267729	14.04	276612	15.53
12	#72-11978	494937	11.40	264297	14.04	269184	15.53
13	EO-02-11152024	451617	11.40	312203	14.04	248198	15.53
14	TP-1	384950	11.40	246325	14.04	198529	15.53
15	VNJ-226	374999	11.40	248092	14.05	197088	15.53
16	#72-11930	354475	11.40	219625	14.05	188677	15.54
17	VNJ-228	352579	11.40	228634	14.05	189698	15.53
18	RR-1	399246	11.40	267445	14.05	205011	15.53
19	B-3-3	406415	11.40	265711	14.05	205466	15.53
20	NB-08-111424RE	369942	11.40	228780	14.05	192568	15.53
21	SP-1	339102	11.40	209256	14.05	164972	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 20:20

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	632223	11.404	388943	14.051	311863	15.557
UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
EPA SAMPLE NO.						
22 SP-2	327784	11.40	204608	14.05	167630	15.53
23 B-6-3	337964	11.40	204768	14.05	163923	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.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 11:00

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	628587	11.404	385940	14.063	322417	15.58
	UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
	LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
	EPA SAMPLE NO.						
01	PB165019TB	576588	11.40	369743	14.06	301857	15.57
02	TP-1MS	585294	11.40	347810	14.06	308234	15.57
03	TP-1MSD	573421	11.40	332365	14.06	278980	15.58
04	MH-735	584299	11.40	342984	14.05	273501	15.57
05	COMP-1	582083	11.39	316058	14.05	288064	15.57
06	COMP-2	554705	11.40	289074	14.05	280792	15.56
07	COMP-3	553548	11.40	281611	14.05	283940	15.55
08	COMP-3MS	587430	11.40	297623	14.06	301999	15.56
09	COMP-3MSD	599763	11.40	308205	14.05	312291	15.53
10	P-1	459414	11.40	253688	14.05	274336	15.53
11	P-2	495297	11.40	267729	14.04	276612	15.53
12	#72-11978	494937	11.40	264297	14.04	269184	15.53
13	EO-02-11152024	451617	11.40	312203	14.04	248198	15.53
14	TP-1	384950	11.40	246325	14.04	198529	15.53
15	VNJ-226	374999	11.40	248092	14.05	197088	15.53
16	#72-11930	354475	11.40	219625	14.05	188677	15.54
17	VNJ-228	352579	11.40	228634	14.05	189698	15.53
18	RR-1	399246	11.40	267445	14.05	205011	15.53
19	B-3-3	406415	11.40	265711	14.05	205466	15.53
20	NB-08-111424RE	369942	11.40	228780	14.05	192568	15.53
21	SP-1	339102	11.40	209256	14.05	164972	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 20:20

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	628587	11.404	385940	14.063	322417	15.58
UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
EPA SAMPLE NO.						
22 SP-2	327784	11.40	204608	14.05	167630	15.53
23 B-6-3	337964	11.40	204768	14.05	163923	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.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140463.D Time Analyzed: 11:00

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	524892	11.398	344697	14.069	292973	15.592
	UPPER LIMIT	1049784	11.898	689394	14.569	585946	16.092
	LOWER LIMIT	262446	10.898	172348.5	13.569	146486.5	15.092
	EPA SAMPLE NO.						
01	PB165019TB	576588	11.40	369743	14.06	301857	15.57
02	TP-1MS	585294	11.40	347810	14.06	308234	15.57
03	TP-1MSD	573421	11.40	332365	14.06	278980	15.58
04	MH-735	584299	11.40	342984	14.05	273501	15.57
05	COMP-1	582083	11.39	316058	14.05	288064	15.57
06	COMP-2	554705	11.40	289074	14.05	280792	15.56
07	COMP-3	553548	11.40	281611	14.05	283940	15.55
08	COMP-3MS	587430	11.40	297623	14.06	301999	15.56
09	COMP-3MSD	599763	11.40	308205	14.05	312291	15.53
10	P-1	459414	11.40	253688	14.05	274336	15.53
11	P-2	495297	11.40	267729	14.04	276612	15.53
12	#72-11978	494937	11.40	264297	14.04	269184	15.53
13	EO-02-11152024	451617	11.40	312203	14.04	248198	15.53
14	TP-1	384950	11.40	246325	14.04	198529	15.53
15	VNJ-226	374999	11.40	248092	14.05	197088	15.53
16	#72-11930	354475	11.40	219625	14.05	188677	15.54
17	VNJ-228	352579	11.40	228634	14.05	189698	15.53
18	RR-1	399246	11.40	267445	14.05	205011	15.53
19	B-3-3	406415	11.40	265711	14.05	205466	15.53
20	NB-08-111424RE	369942	11.40	228780	14.05	192568	15.53
21	SP-1	339102	11.40	209256	14.05	164972	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111924 SAS No.: BF111924 SDG NO.: BF111924

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BF140463.D Time Analyzed: 20:20

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	524892	11.398	344697	14.069	292973	15.592
UPPER LIMIT	1049784	11.898	689394	14.569	585946	16.092
LOWER LIMIT	262446	10.898	172348.5	13.569	146486.5	15.092
EPA SAMPLE NO.						
22 SP-2	327784	11.40	204608	14.05	167630	15.53
23 B-6-3	337964	11.40	204768	14.05	163923	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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

P-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111924

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140473.D

Lab Sample ID: P4771-05

Instrument ID: BNA_F

Date Extracted: 11/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 15:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
P-1	P4771-05	BF140473.D	11/19/2024
P-2	P4771-07	BF140474.D	11/19/2024
B-3-3	P4768-03	BF140482.D	11/19/2024
B-6-3	P4768-07	BF140486.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RR-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111924

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140481.D

Lab Sample ID: P4849-01

Instrument ID: BNA_F

Date Extracted: 11/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 18:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RR-1	P4849-01	BF140481.D	11/19/2024
TP-1	P4870-01	BF140477.D	11/19/2024
VNJ-226	P4857-03	BF140478.D	11/19/2024
MH-735	P4870-04	BF140467.D	11/19/2024
COMP-1	P4852-01	BF140468.D	11/19/2024
COMP-2	P4852-02	BF140469.D	11/19/2024
COMP-3	P4852-03	BF140470.D	11/19/2024
COMP-3MS	P4852-03MS	BF140471.D	11/19/2024
COMP-3MSD	P4852-03MSD	BF140472.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

#72-11978

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111924

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140475.D

Lab Sample ID: P4889-03

Instrument ID: BNA_F

Date Extracted: 11/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 15:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
#72-11978	P4889-03	BF140475.D	11/19/2024
EO-02-11152024	P4869-01	BF140476.D	11/19/2024
#72-11930	P4889-05	BF140479.D	11/19/2024
VNJ-228	P4889-01	BF140480.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165019TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111924

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140464.D

Lab Sample ID: PB165019TB

Instrument ID: BNA_F

Date Extracted: 11/18/2024

Matrix: (soil/water) water

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 11:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165019TB	PB165019TB	BF140464.D	11/19/2024
TP-1MS	P4848-02MS	BF140465.D	11/19/2024
TP-1MSD	P4848-02MSD	BF140466.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111924

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140484.D

Lab Sample ID: P4908-01

Instrument ID: BNA_F

Date Extracted: 11/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 19:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-1	P4908-01	BF140484.D	11/19/2024
SP-2	P4908-03	BF140485.D	11/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4852-03MS	Client Sample ID:	COMP-3MS					DataFile:	BF140471.D		
n-Nitrosodimethylamine	1900		1900	ug/Kg	100				66	124	
Pyridine	1900		1700	ug/Kg	89				45	119	
Benzaldehyde	1900		240	ug/Kg	13				10	86	
Aniline	1900		890	ug/Kg	47				10	88	
Phenol	1900		1800	ug/Kg	95				67	126	
bis(2-Chloroethyl)ether	1900		1900	ug/Kg	100				54	125	
2-Chlorophenol	1900		2000	ug/Kg	105				79	107	
1,2-Dichlorobenzene	1900		1900	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1900		1800	ug/Kg	95				62	101	
1,4-Dichlorobenzene	1900		1800	ug/Kg	95				63	104	
Benzyl Alcohol	1900		1900	ug/Kg	100				47	126	
2-Methylphenol	1900		1900	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1900		1800	ug/Kg	95				65	110	
Acetophenone	1900		1900	ug/Kg	100				75	111	
3+4-Methylphenols	1900		1900	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1900		1800	ug/Kg	95				59	119	
Hexachloroethane	1900		1800	ug/Kg	95				65	117	
Nitrobenzene	1900		1800	ug/Kg	95				70	119	
Isophorone	1900		1900	ug/Kg	100				76	122	
2-Nitrophenol	1900		2000	ug/Kg	105				54	145	
2,4-Dimethylphenol	1900		2200	ug/Kg	116				44	135	
bis(2-Chloroethoxy)methane	1900		1900	ug/Kg	100				68	112	
2,4-Dichlorophenol	1900		1900	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1900		1800	ug/Kg	95				57	103	
Benzoic acid	1900		1900	ug/Kg	100				50	104	
Naphthalene	1900		1800	ug/Kg	95				72	110	
4-Chloroaniline	1900		260	ug/Kg	14				10	91	
Hexachlorobutadiene	1900		1800	ug/Kg	95				66	114	
Caprolactam	1900		1900	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1900		1900	ug/Kg	100				57	132	
2-Methylnaphthalene	1900		1900	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	3800		6300	ug/Kg	166				10	175	
2,4,6-Trichlorophenol	1900		1900	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1900		1800	ug/Kg	95				72	117	
1,1-Biphenyl	1900		1900	ug/Kg	100				75	113	
2-Chloronaphthalene	1900		1800	ug/Kg	95				67	118	
2-Nitroaniline	1900		1900	ug/Kg	100				69	127	
Dimethylphthalate	1900		1900	ug/Kg	100				70	113	
Acenaphthylene	1900		2000	ug/Kg	105				79	118	
2,6-Dinitrotoluene	1900	320	1800	ug/Kg	78				70	125	
3-Nitroaniline	1900		920	ug/Kg	48				30	99	
Acenaphthene	1900		2100	ug/Kg	111				70	121	
Total PAH	30400	0	31500	ug/Kg	104				70	121	
2,4-Dinitrophenol	3800		3900	ug/Kg	103				10	155	
4-Nitrophenol	3800		3500	ug/Kg	92				45	133	
Dibenzofuran	1900		1900	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	3800	320	3700	ug/Kg	97				55	128	
2,4-Dinitrotoluene	1900		1900	ug/Kg	100				55	128	
Diethylphthalate	1900		1800	ug/Kg	95				70	112	
4-Chlorophenyl-phenylether	1900		1800	ug/Kg	95				71	108	
Fluorene	1900		1800	ug/Kg	95				68	116	
4-Nitroaniline	1900		1700	ug/Kg	89				55	120	
4,6-Dinitro-2-methylphenol	1900		2200	ug/Kg	116				10	160	
N-Nitrosodiphenylamine	1900		2000	ug/Kg	105				73	118	
Azobenzene	1900		2000	ug/Kg	105				73	110	
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900		1900	ug/Kg	100				67	118	
Atrazine	1900		2100	ug/Kg	111				79	127	
Pentachlorophenol	3800		3600	ug/Kg	95				47	128	
Phenanthrene	1900	150	2000	ug/Kg	97				52	128	
Anthracene	1900		2000	ug/Kg	105				62	124	
Carbazole	1900		1800	ug/Kg	95				59	119	
Di-n-butylphthalate	1900		1800	ug/Kg	95				69	118	
Fluoranthene	1900	220	1800	ug/Kg	83				44	125	
Benzydine	3800		650	ug/Kg	17				10	119	
Pyrene	1900	240	2200	ug/Kg	103				26	142	
Butylbenzylphthalate	1900		2100	ug/Kg	111				64	126	
3,3-Dichlorobenzidine	1900		1200	ug/Kg	63				33	116	
Benzo(a)anthracene	1900	140	2100	ug/Kg	103				71	114	
Chrysene	1900	140	2100	ug/Kg	103				57	121	
bis(2-Ethylhexyl)phthalate	1900		2100	ug/Kg	111				42	169	
Di-n-octyl phthalate	1900		2200	ug/Kg	116				23	175	
Benzo(b)fluoranthene	1900	150	1800	ug/Kg	87				67	121	
Benzo(k)fluoranthene	1900		2100	ug/Kg	111				57	134	
Benzo(a)pyrene	1900	130	2100	ug/Kg	104				70	142	
Indeno(1,2,3-cd)pyrene	1900		2000	ug/Kg	105				40	129	
Dibenz(a,h)anthracene	1900		1900	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1900	0	1700	ug/Kg	89				24	125	
1,2,4,5-Tetrachlorobenzene	1900		1900	ug/Kg	100				69	124	
1,4-Dioxane	1900		1800	ug/Kg	95				46	112	
2,3,4,6-Tetrachlorophenol	1900		2000	ug/Kg	105				69	112	
1-Methylnaphthalene	1900		1800	ug/Kg	95				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4852-03MSD	Client Sample ID:	COMP-3MSD					DataFile:	BF140472.D		
n-Nitrosodimethylamine	1900		1800	ug/Kg	95		5		66	124	20
Pyridine	1900		1700	ug/Kg	89		0		45	119	20
Benzaldehyde	1900		230	ug/Kg	12		8		10	86	20
Aniline	1900		920	ug/Kg	48		2		10	88	20
Phenol	1900		1800	ug/Kg	95		0		67	126	20
bis(2-Chloroethyl)ether	1900		1900	ug/Kg	100		0		54	125	20
2-Chlorophenol	1900		1900	ug/Kg	100		5		79	107	20
1,2-Dichlorobenzene	1900		1800	ug/Kg	95		5		61	105	20
1,3-Dichlorobenzene	1900		1800	ug/Kg	95		0		62	101	20
1,4-Dichlorobenzene	1900		1800	ug/Kg	95		0		63	104	20
Benzyl Alcohol	1900		1900	ug/Kg	100		0		47	126	20
2-Methylphenol	1900		1800	ug/Kg	95		5		66	122	20
2,2-oxybis(1-Chloropropane)	1900		1800	ug/Kg	95		0		65	110	20
Acetophenone	1900		1800	ug/Kg	95		5		75	111	20
3+4-Methylphenols	1900		1800	ug/Kg	95		5		66	104	20
N-Nitroso-di-n-propylamine	1900		1800	ug/Kg	95		0		59	119	20
Hexachloroethane	1900		1800	ug/Kg	95		0		65	117	20
Nitrobenzene	1900		1700	ug/Kg	89		7		70	119	20
Isophorone	1900		1800	ug/Kg	95		5		76	122	20
2-Nitrophenol	1900		1900	ug/Kg	100		5		54	145	20
2,4-Dimethylphenol	1900		2100	ug/Kg	111		4		44	135	20
bis(2-Chloroethoxy)methane	1900		1800	ug/Kg	95		5		68	112	20
2,4-Dichlorophenol	1900		1900	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1900		1700	ug/Kg	89		7		57	103	20
Benzoic acid	1900		1800	ug/Kg	95		5		50	104	20
Naphthalene	1900		1800	ug/Kg	95		0		72	110	20
4-Chloroaniline	1900		270	ug/Kg	14		0		10	91	20
Hexachlorobutadiene	1900		1700	ug/Kg	89		7		66	114	20
Caprolactam	1900		1800	ug/Kg	95		5		51	134	20
4-Chloro-3-methylphenol	1900		1800	ug/Kg	95		5		57	132	20
2-Methylnaphthalene	1900		1800	ug/Kg	95		5		59	123	20
Hexachlorocyclopentadiene	3800		5800	ug/Kg	153		8		10	175	20
2,4,6-Trichlorophenol	1900		1800	ug/Kg	95		5		72	117	20
2,4,5-Trichlorophenol	1900		1800	ug/Kg	95		0		72	117	20
1,1-Biphenyl	1900		1800	ug/Kg	95		5		75	113	20
2-Chloronaphthalene	1900		1800	ug/Kg	95		0		67	118	20
2-Nitroaniline	1900		1800	ug/Kg	95		5		69	127	20
Dimethylphthalate	1900		1900	ug/Kg	100		0		70	113	20
Acenaphthylene	1900		1900	ug/Kg	100		5		79	118	20
2,6-Dinitrotoluene	1900	320	1800	ug/Kg	78		0		70	125	20
3-Nitroaniline	1900		870	ug/Kg	46		4		30	99	20
Acenaphthene	1900		2000	ug/Kg	105		6		70	121	20
Total PAH	30400	0	30100	ug/Kg	99		5		70	121	20
2,4-Dinitrophenol	3800		3800	ug/Kg	100		3		10	155	20
4-Nitrophenol	3800		3400	ug/Kg	89		3		45	133	20
Dibenzofuran	1900		1800	ug/Kg	95		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	3800	320	3600	ug/Kg	95		2		55	128	20
2,4-Dinitrotoluene	1900		1800	ug/Kg	95		5		55	128	20
Diethylphthalate	1900		1800	ug/Kg	95		0		70	112	20
4-Chlorophenyl-phenylether	1900		1700	ug/Kg	89		7		71	108	20
Fluorene	1900		1700	ug/Kg	89		7		68	116	20
4-Nitroaniline	1900		1600	ug/Kg	84		6		55	120	20
4,6-Dinitro-2-methylphenol	1900		2100	ug/Kg	111		4		10	160	20
N-Nitrosodiphenylamine	1900		1900	ug/Kg	100		5		73	118	20
Azobenzene	1900		2000	ug/Kg	105		0		73	110	20
4-Bromophenyl-phenylether	1900		1900	ug/Kg	100		5		65	121	20
Hexachlorobenzene	1900		1800	ug/Kg	95		5		67	118	20
Atrazine	1900		2000	ug/Kg	105		6		79	127	20
Pentachlorophenol	3800		3400	ug/Kg	89		7		47	128	20
Phenanthrene	1900	150	1900	ug/Kg	92		5		52	128	20
Anthracene	1900		1900	ug/Kg	100		5		62	124	20
Carbazole	1900		1800	ug/Kg	95		0		59	119	20
Di-n-butylphthalate	1900		1800	ug/Kg	95		0		69	118	20
Fluoranthene	1900	220	1800	ug/Kg	83		0		44	125	20
Benzidine	3800		660	ug/Kg	17		0		10	119	20
Pyrene	1900	240	2100	ug/Kg	98		5		26	142	20
Butylbenzylphthalate	1900		2000	ug/Kg	105		6		64	126	20
3,3-Dichlorobenzidine	1900		1200	ug/Kg	63		0		33	116	20
Benzo(a)anthracene	1900	140	2100	ug/Kg	103		0		71	114	20
Chrysene	1900	140	1900	ug/Kg	93		10		57	121	20
bis(2-Ethylhexyl)phthalate	1900		2000	ug/Kg	105		6		42	169	20
Di-n-octyl phthalate	1900		2200	ug/Kg	116		0		23	175	20
Benzo(b)fluoranthene	1900	150	1800	ug/Kg	87		0		67	121	20
Benzo(k)fluoranthene	1900		1900	ug/Kg	100		10		57	134	20
Benzo(a)pyrene	1900	130	2100	ug/Kg	104		0		70	142	20
Indeno(1,2,3-cd)pyrene	1900		1800	ug/Kg	95		10		40	129	20
Dibenz(a,h)anthracene	1900		1800	ug/Kg	95		5		43	123	20
Benzo(g,h,i)perylene	1900	0	1600	ug/Kg	84		6		24	125	20
1,2,4,5-Tetrachlorobenzene	1900		1800	ug/Kg	95		5		69	124	20
1,4-Dioxane	1900		1700	ug/Kg	89		7		46	112	20
2,3,4,6-Tetrachlorophenol	1900		1900	ug/Kg	100		5		69	112	20
1-Methylnaphthalene	1900		1700	ug/Kg	89		7		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4848-02MS	Client Sample ID:	TP-1MS					DataFile:	BF140465.D		
n-Nitrosodimethylamine	500		440	ug/L	88				10	130	
Pyridine	500		320	ug/L	64				10	109	
Benzaldehyde	500			ug/L	0	*			10	137	
Aniline	500		190	ug/L	38				10	130	
Phenol	500		460	ug/L	92				10	130	
bis(2-Chloroethyl)ether	500		510	ug/L	102				29	141	
2-Chlorophenol	500		500	ug/L	100				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		400	ug/L	80				65	106	
1,4-Dichlorobenzene	500		400	ug/L	80				55	125	
Benzyl Alcohol	500		520	ug/L	104	*			31	94	
2-Methylphenol	500		500	ug/L	100				37	126	
2,2-oxybis(1-Chloropropane)	500		450	ug/L	90				36	141	
Acetophenone	500		470	ug/L	94				31	164	
3+4-Methylphenols	500		510	ug/L	102				31	127	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		400	ug/L	80				49	110	
Nitrobenzene	500		460	ug/L	92				62	112	
Isophorone	500		500	ug/L	100				39	146	
2-Nitrophenol	500		510	ug/L	102				30	148	
2,4-Dimethylphenol	500		630	ug/L	126				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		440	ug/L	88				66	110	
Benzoic acid	500		540	ug/L	108	*			10	101	
Naphthalene	500		470	ug/L	94				17	157	
4-Chloroaniline	500		96.9	ug/L	19				10	95	
Hexachlorobutadiene	500		430	ug/L	86				52	125	
Caprolactam	500		460	ug/L	92				10	130	
4-Chloro-3-methylphenol	500		530	ug/L	106				17	148	
2-Methylnaphthalene	500		500	ug/L	100				38	146	
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*			20	153	
2,4,6-Trichlorophenol	500		530	ug/L	106				78	112	
2,4,5-Trichlorophenol	500		520	ug/L	104				71	111	
1,1-Biphenyl	500		500	ug/L	100				38	154	
2-Chloronaphthalene	500		490	ug/L	98				41	145	
2-Nitroaniline	500		520	ug/L	104				39	151	
Dimethylphthalate	500		540	ug/L	108				42	147	
Acenaphthylene	500		540	ug/L	108				40	141	
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	
3-Nitroaniline	500		190	ug/L	38				10	111	
Acenaphthene	500		580	ug/L	116				37	146	
Total PAH	8000		8440	ug/L	105				37	146	
2,4-Dinitrophenol	1000		1200	ug/L	120				14	167	
4-Nitrophenol	1000		990	ug/L	99				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		530	ug/L	106				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1040	ug/L	104				50	142	
Diethylphthalate	500		520	ug/L	104				41	148	
4-Chlorophenyl-phenylether	500		510	ug/L	102				38	149	
Fluorene	500		500	ug/L	100				39	144	
4-Nitroaniline	500		450	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	500		600	ug/L	120				32	175	
N-Nitrosodiphenylamine	500		530	ug/L	106				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		520	ug/L	104				40	147	
Anthracene	500		540	ug/L	108				41	146	
Carbazole	500		510	ug/L	102				37	154	
Di-n-butylphthalate	500		520	ug/L	104				40	151	
Fluoranthene	500		510	ug/L	102				42	146	
Benzidine	1000		0	ug/L	0	*			10	130	
Pyrene	500		540	ug/L	108				41	149	
Butylbenzylphthalate	500		580	ug/L	116				39	155	
3,3-Dichlorobenzidine	500		280	ug/L	56				10	114	
Benzo(a)anthracene	500		540	ug/L	108				41	147	
Chrysene	500		550	ug/L	110				44	144	
bis(2-Ethylhexyl)phthalate	500		580	ug/L	116				33	160	
Di-n-octyl phthalate	500		610	ug/L	122				36	158	
Benzo(b)fluoranthene	500		510	ug/L	102				40	150	
Benzo(k)fluoranthene	500		570	ug/L	114				40	147	
Benzo(a)pyrene	500		580	ug/L	116				42	147	
Indeno(1,2,3-cd)pyrene	500		520	ug/L	104				30	166	
Dibenz(a,h)anthracene	500		510	ug/L	102				23	172	
Benzo(g,h,i)perylene	500		460	ug/L	92				27	167	
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98				89	102	
1,4-Dioxane	500		410	ug/L	82				38	130	
2,3,4,6-Tetrachlorophenol	500		570	ug/L	114	*			91	111	
1-Methylnaphthalene	500		470	ug/L	94				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4848-02MSD		Client Sample ID: TP-1MSD		DataFile: BF140466.D							
n-Nitrosodimethylamine	500		450	ug/L	90		2		10	130	20
Pyridine	500		320	ug/L	64		0		10	109	20
Benzaldehyde	500			ug/L	0	*			10	137	20
Aniline	500		170	ug/L	34		11		10	130	20
Phenol	500		460	ug/L	92		0		10	130	20
bis(2-Chloroethyl)ether	500		510	ug/L	102		0		29	141	20
2-Chlorophenol	500		510	ug/L	102		2		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		0		61	114	20
1,3-Dichlorobenzene	500		410	ug/L	82		2		65	106	20
1,4-Dichlorobenzene	500		410	ug/L	82		2		55	125	20
Benzyl Alcohol	500		520	ug/L	104	*	0		31	94	20
2-Methylphenol	500		510	ug/L	102		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		2		36	141	20
Acetophenone	500		490	ug/L	98		4		31	164	20
3+4-Methylphenols	500		520	ug/L	104		2		31	127	20
N-Nitroso-di-n-propylamine	500		490	ug/L	98		2		36	147	20
Hexachloroethane	500		410	ug/L	82		2		49	110	20
Nitrobenzene	500		460	ug/L	92		0		62	112	20
Isophorone	500		510	ug/L	102		2		39	146	20
2-Nitrophenol	500		520	ug/L	104		2		30	148	20
2,4-Dimethylphenol	500		640	ug/L	128		2		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		450	ug/L	90		2		66	110	20
Benzoic acid	500		560	ug/L	112	*	4		10	101	20
Naphthalene	500		470	ug/L	94		0		17	157	20
4-Chloroaniline	500		69.4	ug/L	14		30	*	10	95	20
Hexachlorobutadiene	500		440	ug/L	88		2		52	125	20
Caprolactam	500		460	ug/L	92		0		10	130	20
4-Chloro-3-methylphenol	500		540	ug/L	108		2		17	148	20
2-Methylnaphthalene	500		500	ug/L	100		0		38	146	20
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*	0		20	153	20
2,4,6-Trichlorophenol	500		550	ug/L	110		4		78	112	20
2,4,5-Trichlorophenol	500		520	ug/L	104		0		71	111	20
1,1-Biphenyl	500		510	ug/L	102		2		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		4		41	145	20
2-Nitroaniline	500		520	ug/L	104		0		39	151	20
Dimethylphthalate	500		540	ug/L	108		0		42	147	20
Acenaphthylene	500		550	ug/L	110		2		40	141	20
2,6-Dinitrotoluene	500		520	ug/L	104		2		43	148	20
3-Nitroaniline	500		170	ug/L	34		11		10	111	20
Acenaphthene	500		600	ug/L	120		3		37	146	20
Total PAH	8000		8680	ug/L	109		4		37	146	20
2,4-Dinitrophenol	1000		1300	ug/L	130		8		14	167	20
4-Nitrophenol	1000		960	ug/L	96		3		10	130	20
Dibenzofuran	500		520	ug/L	104		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		540	ug/L	108		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1060	ug/L	106		2		50	142	20
Diethylphthalate	500		520	ug/L	104		0		41	148	20
4-Chlorophenyl-phenylether	500		510	ug/L	102		0		38	149	20
Fluorene	500		510	ug/L	102		2		39	144	20
4-Nitroaniline	500		460	ug/L	92		2		27	138	20
4,6-Dinitro-2-methylphenol	500		610	ug/L	122		2		32	175	20
N-Nitrosodiphenylamine	500		540	ug/L	108		2		40	150	20
Azobenzene	500		510	ug/L	102		0		72	112	20
4-Bromophenyl-phenylether	500		540	ug/L	108		2		42	151	20
Hexachlorobenzene	500		540	ug/L	108		2		72	115	20
Atrazine	500		500	ug/L	100		0		20	162	20
Pentachlorophenol	1000		1100	ug/L	110		0		25	139	20
Phenanthrene	500		530	ug/L	106		2		40	147	20
Anthracene	500		550	ug/L	110		2		41	146	20
Carbazole	500		510	ug/L	102		0		37	154	20
Di-n-butylphthalate	500		530	ug/L	106		2		40	151	20
Fluoranthene	500		510	ug/L	102		0		42	146	20
Benzidine	1000		0	ug/L	0	*			10	130	20
Pyrene	500		560	ug/L	112		4		41	149	20
Butylbenzylphthalate	500		590	ug/L	118		2		39	155	20
3,3-Dichlorobenzidine	500		260	ug/L	52		7		10	114	20
Benzo(a)anthracene	500		540	ug/L	108		0		41	147	20
Chrysene	500		550	ug/L	110		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		590	ug/L	118		2		33	160	20
Di-n-octyl phthalate	500		620	ug/L	124		2		36	158	20
Benzo(b)fluoranthene	500		510	ug/L	102		0		40	150	20
Benzo(k)fluoranthene	500		610	ug/L	122		7		40	147	20
Benzo(a)pyrene	500		600	ug/L	120		3		42	147	20
Indeno(1,2,3-cd)pyrene	500		550	ug/L	110		6		30	166	20
Dibenz(a,h)anthracene	500		550	ug/L	110		8		23	172	20
Benzo(g,h,i)perylene	500		490	ug/L	98		6		27	167	20
1,2,4,5-Tetrachlorobenzene	500		500	ug/L	100		2		89	102	20
1,4-Dioxane	500		410	ug/L	82		0		38	130	20
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110		4		91	111	20
1-Methylnaphthalene	500		480	ug/L	96		2		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF111924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4768-03	B-3-3	BF140482.D	2-Fluorophenol	150	85.17	57		18	112
			Phenol-d6	150	80.33	54		15	107
			Nitrobenzene-d5	100	59.96	60		18	107
			2-Fluorobiphenyl	100	68.51	69		20	109
			2,4,6-Tribromophenol	150	72.94	49		10	116
			Terphenyl-d14	100	59.55	60		10	105
P4768-07	B-6-3	BF140486.D	2-Fluorophenol	150	91.66	61		18	112
			Phenol-d6	150	87.49	58		15	107
			Nitrobenzene-d5	100	65.57	66		18	107
			2-Fluorobiphenyl	100	75.70	76		20	109
			2,4,6-Tribromophenol	150	85.36	57		10	116
			Terphenyl-d14	100	72.60	73		10	105
P4771-05	P-1	BF140473.D	2-Fluorophenol	150	86.57	58		18	112
			Phenol-d6	150	85.51	57		15	107
			Nitrobenzene-d5	100	63.05	63		18	107
			2-Fluorobiphenyl	100	65.21	65		20	109
			2,4,6-Tribromophenol	150	80.00	53		10	116
			Terphenyl-d14	100	64.74	65		10	105
P4771-07	P-2	BF140474.D	2-Fluorophenol	150	96.33	64		18	112
			Phenol-d6	150	95.75	64		15	107
			Nitrobenzene-d5	100	66.80	67		18	107
			2-Fluorobiphenyl	100	70.25	70		20	109
			2,4,6-Tribromophenol	150	89.89	60		10	116
			Terphenyl-d14	100	70.04	70		10	105

Surrogate Summary

SW-846

SDG No.: **BF111924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4849-01	RR-1	BF140481.D	2-Fluorophenol	150	69.05	46		18	112
			Phenol-d6	150	68.36	46		15	107
			Nitrobenzene-d5	100	50.75	51		18	107
			2-Fluorobiphenyl	100	56.64	57		20	109
			2,4,6-Tribromophenol	150	62.25	41		10	116
			Terphenyl-d14	100	48.69	49		10	105
P4852-01	COMP-1	BF140468.D	2-Fluorophenol	150	77.06	51		18	112
			Phenol-d6	150	75.42	50		15	107
			Nitrobenzene-d5	100	54.79	55		18	107
			2-Fluorobiphenyl	100	56.20	56		20	109
			2,4,6-Tribromophenol	150	76.55	51		10	116
			Terphenyl-d14	100	56.85	57		10	105
P4852-02	COMP-2	BF140469.D	2-Fluorophenol	150	95.25	63		18	112
			Phenol-d6	150	97.48	65		15	107
			Nitrobenzene-d5	100	69.02	69		18	107
			2-Fluorobiphenyl	100	68.46	68		20	109
			2,4,6-Tribromophenol	150	95.43	64		10	116
			Terphenyl-d14	100	70.84	71		10	105
P4852-03	COMP-3	BF140470.D	2-Fluorophenol	150	115.90	77		18	112
			Phenol-d6	150	117.33	78		15	107
			Nitrobenzene-d5	100	83.12	83		18	107
			2-Fluorobiphenyl	100	82.37	82		20	109
			2,4,6-Tribromophenol	150	118.56	79		10	116
			Terphenyl-d14	100	89.52	90		10	105
P4852-03MS	COMP-3MS	BF140471.D	2-Fluorophenol	150	112.81	75		18	112
			Phenol-d6	150	113.75	76		15	107
			Nitrobenzene-d5	100	79.19	79		18	107
			2-Fluorobiphenyl	100	78.06	78		20	109
			2,4,6-Tribromophenol	150	117.53	78		10	116
			Terphenyl-d14	100	84.83	85		10	105
P4852-03MSD	COMP-3MSD	BF140472.D	2-Fluorophenol	150	109.83	73		18	112
			Phenol-d6	150	110.72	74		15	107
			Nitrobenzene-d5	100	76.60	77		18	107
			2-Fluorobiphenyl	100	74.14	74		20	109
			2,4,6-Tribromophenol	150	112.60	75		10	116
			Terphenyl-d14	100	80.37	80		10	105
P4857-03	VNJ-226	BF140478.D	2-Fluorophenol	150	85.93	57		18	112
			Phenol-d6	150	82.70	55		15	107
			Nitrobenzene-d5	100	61.37	61		18	107
			2-Fluorobiphenyl	100	67.52	68		20	109
			2,4,6-Tribromophenol	150	73.51	49		10	116
			Terphenyl-d14	100	57.40	57		10	105
P4859-01RE	NB-08-111424RE	BF140483.D	2-Fluorophenol	150	48.99	33		18	112
			Phenol-d6	150	46.75	31		15	107
			Nitrobenzene-d5	100	35.16	35		18	107
			2-Fluorobiphenyl	100	42.33	42		20	109
			2,4,6-Tribromophenol	150	41.41	28		10	116
			Terphenyl-d14	100	39.37	39		10	105
P4870-01	TP-1	BF140477.D	2-Fluorophenol	150	72.31	48		18	112

Surrogate Summary

SW-846

SDG No.: **BF111924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4870-01	TP-1	BF140477.D	Phenol-d6	150	77.25	52		15	107
			Nitrobenzene-d5	100	59.64	60		18	107
			2-Fluorobiphenyl	100	62.99	63		20	109
			2,4,6-Tribromophenol	150	53.87	36		10	116
			Terphenyl-d14	100	52.23	52		10	105
P4870-04	MH-735	BF140467.D	2-Fluorophenol	150	94.81	63		18	112
			Phenol-d6	150	94.08	63		15	107
			Nitrobenzene-d5	100	67.39	67		18	107
			2-Fluorobiphenyl	100	61.25	61		20	109
			2,4,6-Tribromophenol	150	92.13	61		10	116
			Terphenyl-d14	100	63.09	63		10	105

Surrogate Summary

SW-846

SDG No.: **BF111924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4869-01	EO-02-11152024	BF140476.D	2-Fluorophenol	150	88.54	59		18	112
			Phenol-d6	150	86.06	57		15	107
			Nitrobenzene-d5	100	62.43	62		18	107
			2-Fluorobiphenyl	100	74.23	74		20	109
			2,4,6-Tribromophenol	150	72.22	48		10	116
			Terphenyl-d14	100	58.26	58		10	105
P4889-01	VNJ-228	BF140480.D	2-Fluorophenol	150	94.88	63		18	112
			Phenol-d6	150	92.05	61		15	107
			Nitrobenzene-d5	100	67.54	68		18	107
			2-Fluorobiphenyl	100	74.82	75		20	109
			2,4,6-Tribromophenol	150	78.44	52		10	116
			Terphenyl-d14	100	65.01	65		10	105
P4889-03	#72-11978	BF140475.D	2-Fluorophenol	150	44.06	29		18	112
			Phenol-d6	150	43.27	29		15	107
			Nitrobenzene-d5	100	29.97	30		18	107
			2-Fluorobiphenyl	100	31.88	32		20	109
			2,4,6-Tribromophenol	150	39.16	26		10	116
			Terphenyl-d14	100	31.48	31		10	105
P4889-05	#72-11930	BF140479.D	2-Fluorophenol	150	79.56	53		18	112
			Phenol-d6	150	75.38	50		15	107
			Nitrobenzene-d5	100	55.35	55		18	107
			2-Fluorobiphenyl	100	65.49	65		20	109
			2,4,6-Tribromophenol	150	70.75	47		10	116
			Terphenyl-d14	100	58.52	59		10	105

Surrogate Summary

SW-846

SDG No.: **BF111924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4848-02MS	TP-1MS	BF140465.D	2-Fluorophenol	150	140.20	93		10	139
			Phenol-d6	150	135.92	91		10	134
			Nitrobenzene-d5	100	100.78	101		49	133
			2-Fluorobiphenyl	100	98.97	99		52	132
			2,4,6-Tribromophenol	150	158.96	106		44	137
			Terphenyl-d14	100	109.59	110		48	125
P4848-02MSD	TP-1MSD	BF140466.D	2-Fluorophenol	150	144.10	96		10	139
			Phenol-d6	150	138.26	92		10	134
			Nitrobenzene-d5	100	103.60	104		49	133
			2-Fluorobiphenyl	100	100.36	100		52	132
			2,4,6-Tribromophenol	150	158.89	106		44	137
			Terphenyl-d14	100	113.11	113		48	125
PB165019TB	PB165019TB	BF140464.D	2-Fluorophenol	150	125.67	84		10	139
			Phenol-d6	150	121.23	81		10	134
			Nitrobenzene-d5	100	86.55	87		49	133
			2-Fluorobiphenyl	100	87.57	88		52	132
			2,4,6-Tribromophenol	150	124.23	83		44	137
			Terphenyl-d14	100	85.88	86		48	125

Surrogate Summary

SW-846

SDG No.: **BF111924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4908-01	SP-1	BF140484.D	2-Fluorophenol	150	92.30	62		18	112
			Phenol-d6	150	88.19	59		15	107
			Nitrobenzene-d5	100	64.48	64		18	107
			2-Fluorobiphenyl	100	74.77	75		20	109
			2,4,6-Tribromophenol	150	85.83	57		10	116
			Terphenyl-d14	100	67.87	68		10	105
P4908-03	SP-2	BF140485.D	2-Fluorophenol	150	78.63	52		18	112
			Phenol-d6	150	75.52	50		15	107
			Nitrobenzene-d5	100	54.20	54		18	107
			2-Fluorobiphenyl	100	63.12	63		20	109
			2,4,6-Tribromophenol	150	69.03	46		10	116
			Terphenyl-d14	100	57.29	57		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111924

Lab Code: CHEM

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140462.D

DFTPP Injection Date: 11/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	91.9
443	15.0 - 24.0% of mass 442	17 (18.5) 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	BF140463.D	11/19/2024	10:34
PB165019TB	PB165019TB	BF140464.D	11/19/2024	11:00
TP-1MS	P4848-02MS	BF140465.D	11/19/2024	11:36
TP-1MSD	P4848-02MSD	BF140466.D	11/19/2024	12:02
MH-735	P4870-04	BF140467.D	11/19/2024	12:28
COMP-1	P4852-01	BF140468.D	11/19/2024	12:54
COMP-2	P4852-02	BF140469.D	11/19/2024	13:21
COMP-3	P4852-03	BF140470.D	11/19/2024	13:47
COMP-3MS	P4852-03MS	BF140471.D	11/19/2024	14:13
COMP-3MSD	P4852-03MSD	BF140472.D	11/19/2024	14:39
P-1	P4771-05	BF140473.D	11/19/2024	15:06
P-2	P4771-07	BF140474.D	11/19/2024	15:32
#72-11978	P4889-03	BF140475.D	11/19/2024	15:58
EO-02-11152024	P4869-01	BF140476.D	11/19/2024	16:24
TP-1	P4870-01	BF140477.D	11/19/2024	16:51
VNJ-226	P4857-03	BF140478.D	11/19/2024	17:17
#72-11930	P4889-05	BF140479.D	11/19/2024	17:43
VNJ-228	P4889-01	BF140480.D	11/19/2024	18:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111924

Lab Code: CHEM

SAS No.: BF111924 SDG NO.: BF111924

Lab File ID: BF140462.D

DFTPP Injection Date: 11/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	91.9
443	15.0 - 24.0% of mass 442	17 (18.5) 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
RR-1	P4849-01	BF140481.D	11/19/2024	18:36
B-3-3	P4768-03	BF140482.D	11/19/2024	19:02
NB-08-111424RE	P4859-01RE	BF140483.D	11/19/2024	19:28
SP-1	P4908-01	BF140484.D	11/19/2024	19:54
SP-2	P4908-03	BF140485.D	11/19/2024	20:20
B-6-3	P4768-07	BF140486.D	11/19/2024	20:47