

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG No.: BF100424

Instrument ID: BNA_F Calibration Date/Time: 10/4/2024 1:09:01

Lab File ID: BF139644.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	0.794	0.770		-3.023	
Pyridine	1.213	1.278		5.359	
2-Fluorophenol	1.154	1.152		-0.173	
Benzaldehyde	0.822	0.792		-3.65	
Aniline	1.377	1.328		-3.558	
Phenol-d6	1.552	1.505		-3.028	
Phenol	1.632	1.602		-1.838	20.0
bis(2-Chloroethyl)ether	1.329	1.196		-10.008	
2-Chlorophenol	1.236	1.212		-1.942	
1,2-Dichlorobenzene	1.320	1.286		-2.576	
1,3-Dichlorobenzene	1.391	1.366		-1.797	
1,4-Dichlorobenzene	1.409	1.375		-2.413	20.0
Benzyl Alcohol	1.186	1.120		-5.565	
2-Methylphenol	1.032	1.000		-3.101	
2,2-oxybis(1-Chloropropane)	2.300	2.151		-6.478	
Acetophenone	0.475	0.454		-4.421	
3+4-Methylphenols	1.296	1.221		-5.787	
n-Nitroso-di-n-propylamine	0.998	0.902	0.050	-9.619	
Nitrobenzene-d5	0.395	0.380		-3.797	
Hexachloroethane	0.525	0.509		-3.048	
Nitrobenzene	0.409	0.401		-1.956	
Isophorone	0.702	0.658		-6.268	
2-Nitrophenol	0.176	0.174		-1.136	20.0
2,4-Dimethylphenol	0.215	0.206		-4.186	
bis(2-Chloroethoxy)methane	0.419	0.397		-5.251	
2,4-Dichlorophenol	0.281	0.269		-4.27	20.0
1,2,4-Trichlorobenzene	0.318	0.309		-2.83	
Benzoic acid	0.214	0.208		-2.804	
Naphthalene	1.023	0.993		-2.933	
4-Chloroaniline	0.346	0.332		-4.046	
Hexachlorobutadiene	0.205	0.200		-2.439	20.0
Caprolactam	0.092	0.087		-5.435	
4-Chloro-3-methylphenol	0.318	0.299		-5.975	20.0
2-Methylnaphthalene	0.666	0.622		-6.607	
Hexachlorocyclopentadiene	0.170	0.151	0.050	-11.176	
2,4,6-Trichlorophenol	0.374	0.352		-5.882	20.0
2-Fluorobiphenyl	1.303	1.257		-3.53	
2,4,5-Trichlorophenol	0.404	0.390		-3.465	
1,1-Biphenyl	1.488	1.441		-3.159	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.115	1.098		-1.525	
2-Nitroaniline	0.400	0.391		-2.25	
Dimethylphthalate	1.309	1.238		-5.424	
Acenaphthylene	1.696	1.660		-2.123	
2,6-Dinitrotoluene	0.296	0.289		-2.365	
3-Nitroaniline	0.302	0.296		-1.987	
Acenaphthene	1.164	1.096		-5.842	20.0
2,4-Dinitrophenol	0.159	0.138	0.050	-13.208	
4-Nitrophenol	0.230	0.215	0.050	-6.522	
Dibenzofuran	1.630	1.571		-3.62	
2,4-Dinitrotoluene	0.387	0.380		-1.809	
Diethylphthalate	1.352	1.264		-6.509	
4-Chlorophenyl-phenylether	0.650	0.611		-6.0	
Fluorene	1.298	1.230		-5.239	
4-Nitroaniline	0.309	0.304		-1.618	
4,6-Dinitro-2-methylphenol	0.113	0.108		-4.425	
n-Nitrosodiphenylamine	0.590	0.582		-1.356	20.0
Azobenzene	1.360	1.286		-5.441	
2,4,6-Tribromophenol	0.193	0.176		-8.808	
4-Bromophenyl-phenylether	0.205	0.196		-4.39	
Hexachlorobenzene	0.228	0.217		-4.825	
Atrazine	0.158	0.118		-25.316	
Pentachlorophenol	0.135	0.126		-6.667	20.0
Phenanthrene	0.943	0.911		-3.393	
Anthracene	0.933	0.894		-4.18	
Carbazole	0.896	0.859		-4.129	
Di-n-butylphthalate	1.090	1.049		-3.761	
Fluoranthene	1.031	0.963		-6.596	20.0
Benzidine	0.353	0.428		21.246	
Pyrene	1.789	1.698		-5.087	
Terphenyl-d14	1.219	1.150		-5.66	
Butylbenzylphthalate	0.640	0.649		1.406	
3,3-Dichlorobenzidine	0.402	0.438		8.955	
Benzo(a)anthracene	1.315	1.313		-0.152	
Chrysene	1.202	1.140		-5.158	
Bis(2-ethylhexyl)phthalate	0.799	0.875		9.512	
Di-n-octyl phthalate	1.174	1.371		16.78	20.0
Benzo(b)fluoranthene	1.293	1.096		-15.236	
Benzo(k)fluoranthene	1.097	1.067		-2.735	

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Instrument ID: BNA_F Calibration Date/Time: 10/4/2024 1:09:01

Lab File ID: BF139644.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	1.020	0.977		-4.216	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.243		5.607	
Dibenzo(a,h)anthracene	0.976	1.030		5.533	
Benzo(g,h,i)perylene	0.979	1.029		5.107	
1,2,4,5-Tetrachlorobenzene	0.555	0.540		-2.703	
1,4-Dioxane	0.499	0.512		2.605	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.308		-5.521	
1-Methylnaphthalene	0.651	0.611		-6.144	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG No.: BF100424

Instrument ID: BNA_F Calibration Date/Time: 10/4/2024 1:12:43

Lab File ID: BF139652.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	0.794	0.777		-2.141	
Pyridine	1.213	1.273		4.946	
2-Fluorophenol	1.154	1.148		-0.52	
Benzaldehyde	0.822	0.885		7.664	
Aniline	1.377	1.341		-2.614	
Phenol-d6	1.552	1.511		-2.642	
Phenol	1.632	1.603		-1.777	20.0
bis(2-Chloroethyl) ether	1.329	1.201		-9.631	
2-Chlorophenol	1.236	1.226		-0.809	
1,2-Dichlorobenzene	1.320	1.275		-3.409	
1,3-Dichlorobenzene	1.391	1.359		-2.301	
1,4-Dichlorobenzene	1.409	1.365		-3.123	20.0
Benzyl Alcohol	1.186	1.104		-6.914	
2-Methylphenol	1.032	1.000		-3.101	
2,2-oxybis(1-Chloropropane)	2.300	2.137		-7.087	
Acetophenone	0.475	0.453		-4.632	
3+4-Methylphenols	1.296	1.232		-4.938	
n-Nitroso-di-n-propylamine	0.998	0.905	0.050	-9.319	
Nitrobenzene-d5	0.395	0.382		-3.291	
Hexachloroethane	0.525	0.503		-4.19	
Nitrobenzene	0.409	0.399		-2.445	
Isophorone	0.702	0.658		-6.268	
2-Nitrophenol	0.176	0.176		0.0	20.0
2,4-Dimethylphenol	0.215	0.207		-3.721	
bis(2-Chloroethoxy) methane	0.419	0.395		-5.728	
2,4-Dichlorophenol	0.281	0.273		-2.847	20.0
1,2,4-Trichlorobenzene	0.318	0.306		-3.774	
Benzoic acid	0.214	0.211		-1.402	
Naphthalene	1.023	0.993		-2.933	
4-Chloroaniline	0.346	0.328		-5.202	
Hexachlorobutadiene	0.205	0.198		-3.415	20.0
Caprolactam	0.092	0.088		-4.348	
4-Chloro-3-methylphenol	0.318	0.302		-5.031	20.0
2-Methylnaphthalene	0.666	0.628		-5.706	
Hexachlorocyclopentadiene	0.170	0.153	0.050	-10.0	
2,4,6-Trichlorophenol	0.374	0.361		-3.476	20.0
2-Fluorobiphenyl	1.303	1.251		-3.991	
2,4,5-Trichlorophenol	0.404	0.398		-1.485	
1,1-Biphenyl	1.488	1.433		-3.696	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG No.: BF100424

Instrument ID: BNA_F Calibration Date/Time: 10/4/2024 1:12:43

Lab File ID: BF139652.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	1.115	1.089		-2.332	
2-Nitroaniline	0.400	0.405		1.25	
Dimethylphthalate	1.309	1.262		-3.591	
Acenaphthylene	1.696	1.648		-2.83	
2,6-Dinitrotoluene	0.296	0.290		-2.027	
3-Nitroaniline	0.302	0.295		-2.318	
Acenaphthene	1.164	1.123		-3.522	20.0
2,4-Dinitrophenol	0.159	0.148	0.050	-6.918	
4-Nitrophenol	0.230	0.216	0.050	-6.087	
Dibenzofuran	1.630	1.572		-3.558	
2,4-Dinitrotoluene	0.387	0.390		0.775	
Diethylphthalate	1.352	1.289		-4.66	
4-Chlorophenyl-phenylether	0.650	0.613		-5.692	
Fluorene	1.298	1.235		-4.854	
4-Nitroaniline	0.309	0.302		-2.265	
4,6-Dinitro-2-methylphenol	0.113	0.115		1.77	
n-Nitrosodiphenylamine	0.590	0.579		-1.864	20.0
Azobenzene	1.360	1.288		-5.294	
2,4,6-Tribromophenol	0.193	0.181		-6.218	
4-Bromophenyl-phenylether	0.205	0.196		-4.39	
Hexachlorobenzene	0.228	0.218		-4.386	
Atrazine	0.158	0.165		4.43	
Pentachlorophenol	0.135	0.127		-5.926	20.0
Phenanthrene	0.943	0.906		-3.924	
Anthracene	0.933	0.895		-4.073	
Carbazole	0.896	0.855		-4.576	
Di-n-butylphthalate	1.090	1.064		-2.385	
Fluoranthene	1.031	0.943		-8.535	20.0
Benzidine	0.353	0.543		53.824	
Pyrene	1.789	1.700		-4.975	
Terphenyl-d14	1.219	1.139		-6.563	
Butylbenzylphthalate	0.640	0.668		4.375	
3,3-Dichlorobenzidine	0.402	0.438		8.955	
Benzo(a)anthracene	1.315	1.285		-2.281	
Chrysene	1.202	1.125		-6.406	
Bis(2-ethylhexyl)phthalate	0.799	0.890		11.389	
Di-n-octyl phthalate	1.174	1.345		14.566	20.0
Benzo(b)fluoranthene	1.293	1.105		-14.54	
Benzo(k)fluoranthene	1.097	1.075		-2.005	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG No.: BF100424

Instrument ID: BNA_F Calibration Date/Time: 10/4/2024 12:43

Lab File ID: BF139652.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	1.020	0.981		-3.824	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.211		2.889	
Dibenzo(a,h)anthracene	0.976	1.013		3.791	
Benzo(g,h,i)perylene	0.979	0.994		1.532	
1,2,4,5-Tetrachlorobenzene	0.555	0.545		-1.802	
1,4-Dioxane	0.499	0.517		3.607	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.312		-4.294	
1-Methylnaphthalene	0.651	0.613		-5.837	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BL	SDG No.:	BF100424
Lab Sample ID:	PB163883BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139645.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BL	SDG No.:	BF100424
Lab Sample ID:	PB163883BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139645.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BL	SDG No.:	BF100424
Lab Sample ID:	PB163883BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139645.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.512		10-139		91	SPK: -150
13127-88-3	Phenol-d6	133.953		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	90.3		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	90.183		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BL	SDG No.:	BF100424
Lab Sample ID:	PB163883BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139645.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.568		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	99.15		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93658	6.863				
1146-65-2	Naphthalene-d8	358600	8.145				
15067-26-2	Acenaphthene-d10	200684	9.898				
1517-22-2	Phenanthrene-d10	382052	11.386				
1719-03-5	Chrysene-d12	212702	14.021				
1520-96-3	Perylene-d12	210145	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4.5	J			2.222	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.2	A			5.104	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	3.2	J			17.051	

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163851TB	SDG No.:	BF100424
Lab Sample ID:	PB163851TB	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
BF139646.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163851TB	SDG No.:	BF100424
Lab Sample ID:	PB163851TB	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
BF139646.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163851TB	SDG No.:	BF100424
Lab Sample ID:	PB163851TB	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
BF139646.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	140.822		10-139		94	SPK: -150
13127-88-3	Phenol-d6	137.043		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	92.138		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	94.829		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163851TB	SDG No.:	BF100424
Lab Sample ID:	PB163851TB	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
BF139646.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.831		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	98.331		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87365	6.863				
1146-65-2	Naphthalene-d8	332749	8.145				
15067-26-2	Acenaphthene-d10	181182	9.898				
1517-22-2	Phenanthrene-d10	349179	11.386				
1719-03-5	Chrysene-d12	203841	14.021				
1520-96-3	Perylene-d12	202861	15.492				

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BS	SDG No.:	BF100424
Lab Sample ID:	PB163883BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139647.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.9		1	8	10	ug/L
110-86-1	Pyridine	46.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	27.3		4	8	10	ug/L
62-53-3	Aniline	53.3		1.6	4	5	ug/L
108-95-2	Phenol	49.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.9		1.4	4	5	ug/L
98-86-2	Acetophenone	46.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.3		1	4	5	ug/L
98-95-3	Nitrobenzene	45.4		1.3	4	5	ug/L
78-59-1	Isophorone	47.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.9		5.5	8	10	ug/L
91-20-3	Naphthalene	46.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	36.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BS	SDG No.:	BF100424
Lab Sample ID:	PB163883BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139647.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	39		1.4	4	5	ug/L
83-32-9	Acenaphthene	52.3		0.81	4	5	ug/L
Total PAH	Total PAH	797.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	96.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	96.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.9		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	48.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.5		2.7	4	10	ug/L
84-66-2	Diethylphthalate	47.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		0.98	4	5	ug/L
86-73-7	Fluorene	47.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49		0.89	4	5	ug/L
103-33-3	Azobenzene	47.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.2		1.1	4	5	ug/L
1912-24-9	Atrazine	60.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BS	SDG No.:	BF100424
Lab Sample ID:	PB163883BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139647.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49		0.89	4	5	ug/L
120-12-7	Anthracene	50		1.1	4	5	ug/L
86-74-8	Carbazole	47.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	45.5		1.3	4	5	ug/L
92-87-5	Benzidine	130	E	4.1	8	10	ug/L
129-00-0	Pyrene	49.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	43.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.8		0.94	4	5	ug/L
218-01-9	Chrysene	47.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	58.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	42.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.673		10-139		91	SPK: -150
13127-88-3	Phenol-d6	133.898		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	90.91		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	90.393		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	PB163883BS	SDG No.:	BF100424
Lab Sample ID:	PB163883BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139647.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.117		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	98.601		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93801	6.863				
1146-65-2	Naphthalene-d8	355027	8.145				
15067-26-2	Acenaphthene-d10	196147	9.904				
1517-22-2	Phenanthrene-d10	367991	11.386				
1719-03-5	Chrysene-d12	195485	14.027				
1520-96-3	Perylene-d12	202104	15.492				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139648.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139648.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139648.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	70.3	J	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	131.741		10-139		88	SPK: -150
13127-88-3	Phenol-d6	118.351		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	98.064		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	93.098		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139648.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.4		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	84.397		48-125		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98789	6.863				
1146-65-2	Naphthalene-d8	371769	8.145				
15067-26-2	Acenaphthene-d10	209714	9.898				
1517-22-2	Phenanthrene-d10	395649	11.386				
1719-03-5	Chrysene-d12	246363	14.021				
1520-96-3	Perylene-d12	252130	15.492				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139649.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490		10.3	80	100	ug/L
110-86-1	Pyridine	420		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	230		16	40	50	ug/L
108-95-2	Phenol	450		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	510		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	480		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	460		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	490		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	500		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	600		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	480		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	470		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	77.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139649.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1800	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	480		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	480		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	500		9.3	40	50	ug/L
208-96-8	Acenaphthylene	520		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	8140		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	940	E	20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	990		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	500		15.2	40	50	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	490		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	530		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	490		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	560		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139649.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	510		8.9	40	50	ug/L
120-12-7	Anthracene	520		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	140		40.7	80	100	ug/L
129-00-0	Pyrene	500		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	560		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	340		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	520		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	600		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	490		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	460		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	560		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	500		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	480		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	470		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.627		10-139		90	SPK: -150
13127-88-3	Phenol-d6	125.088		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	94.359		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	92.727		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139649.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.236		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	92.285		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90984	6.869				
1146-65-2	Naphthalene-d8	349150	8.145				
15067-26-2	Acenaphthene-d10	193785	9.904				
1517-22-2	Phenanthrene-d10	357779	11.392				
1719-03-5	Chrysene-d12	197147	14.027				
1520-96-3	Perylene-d12	213541	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139650.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	410		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	230		16	40	50	ug/L
108-95-2	Phenol	440		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	490		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	460		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	440		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	490		16	80	100	ug/L
95-48-7	2-Methylphenol	480		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	480		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	470		12.7	40	50	ug/L
78-59-1	Isophorone	490		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	500		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	600		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	480		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	480		54.7	80	100	ug/L
91-20-3	Naphthalene	470		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	86.2		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139650.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1700	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	470		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	470		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	510		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	7970		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	910	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		27.6	40	100	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	530		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	560		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139650.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	150		40.7	80	100	ug/L
129-00-0	Pyrene	490		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	550		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	340		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	510		9.4	40	50	ug/L
218-01-9	Chrysene	490		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	600		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	440		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	520		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	540		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	470		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	450		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.805		10-139		87	SPK: -150
13127-88-3	Phenol-d6	122.562		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	95.261		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	90.752		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139650.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.268		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	92.498		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95221	6.869				
1146-65-2	Naphthalene-d8	355308	8.151				
15067-26-2	Acenaphthene-d10	201553	9.904				
1517-22-2	Phenanthrene-d10	366474	11.386				
1719-03-5	Chrysene-d12	196941	14.027				
1520-96-3	Perylene-d12	212758	15.498				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BL	SDG No.:	BF100424
Lab Sample ID:	PB163834BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139653.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BL	SDG No.:	BF100424
Lab Sample ID:	PB163834BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139653.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BL	SDG No.:	BF100424
Lab Sample ID:	PB163834BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139653.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.093		18-112		88	SPK: -150
13127-88-3	Phenol-d6	127.104		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.374		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	88.239		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BL	SDG No.:	BF100424
Lab Sample ID:	PB163834BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139653.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.485		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	95.916		10-105		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90160	6.863				
1146-65-2	Naphthalene-d8	339462	8.145				
15067-26-2	Acenaphthene-d10	186833	9.898				
1517-22-2	Phenanthrene-d10	350629	11.386				
1719-03-5	Chrysene-d12	196285	14.022				
1520-96-3	Perylene-d12	203754	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	290	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.099	

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BS	SDG No.:	BF100424
Lab Sample ID:	PB163834BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139654.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	320	J	180	270	330	ug/Kg
62-53-3	Aniline	1300		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	640		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BS	SDG No.:	BF100424
Lab Sample ID:	PB163834BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139654.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	930		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	22800		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BS	SDG No.:	BF100424
Lab Sample ID:	PB163834BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139654.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.6	130	170	ug/Kg
92-87-5	Benzidine	2200		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.896		18-112		78	SPK: -150
13127-88-3	Phenol-d6	114.156		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.89		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.271		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163834BS	SDG No.:	BF100424
Lab Sample ID:	PB163834BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139654.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.677		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	86.045		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117167	6.863				
1146-65-2	Naphthalene-d8	442808	8.145				
15067-26-2	Acenaphthene-d10	246870	9.904				
1517-22-2	Phenanthrene-d10	458622	11.392				
1719-03-5	Chrysene-d12	232215	14.027				
1520-96-3	Perylene-d12	249587	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF100424
Lab Sample ID:	P4258-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139655.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF100424
Lab Sample ID:	P4258-04	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
BF139655.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	31.3	J	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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF100424
Lab Sample ID:	P4258-04	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
BF139655.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	137.724		10-139		92	SPK: -150
13127-88-3	Phenol-d6	126.577		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	102.467		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	99.717		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF100424
Lab Sample ID:	P4258-04	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
BF139655.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.48		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	95.798		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92657	6.863				
1146-65-2	Naphthalene-d8	348932	8.145				
15067-26-2	Acenaphthene-d10	193027	9.898				
1517-22-2	Phenanthrene-d10	361345	11.386				
1719-03-5	Chrysene-d12	198886	14.021				
1520-96-3	Perylene-d12	200851	15.492				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100424
Lab Sample ID:	P4270-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139656.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100424
Lab Sample ID:	P4270-04	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
BF139656.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100424
Lab Sample ID:	P4270-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139656.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	137.222		10-139		91	SPK: -150
13127-88-3	Phenol-d6	123.245		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	101.061		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	97.529		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	IB-2	SDG No.:	BF100424
Lab Sample ID:	P4270-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139656.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.542		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	108.769		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92545	6.863				
1146-65-2	Naphthalene-d8	349687	8.145				
15067-26-2	Acenaphthene-d10	193561	9.898				
1517-22-2	Phenanthrene-d10	356665	11.386				
1719-03-5	Chrysene-d12	186755	14.021				
1520-96-3	Perylene-d12	195939	15.492				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139657.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139657.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	70.5		9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BF139657.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	34.2	J	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	134.386		10-139		90	SPK: -150
13127-88-3	Phenol-d6	58.666		10-134		39	SPK: -150
4165-60-0	Nitrobenzene-d5	109.861		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	275.679	*	52-132		276	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139657.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	397.381	*	44-137		265	SPK: -150
1718-51-0	Terphenyl-d14	221.372	*	48-125		221	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85986	6.863				
1146-65-2	Naphthalene-d8	298415	8.145				
15067-26-2	Acenaphthene-d10	63142	9.898				
1517-22-2	Phenanthrene-d10	197743	11.38				
1719-03-5	Chrysene-d12	55716	14.021				
1520-96-3	Perylene-d12	3661	15.492				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100424
Lab Sample ID:	P4236-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139658.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100424
Lab Sample ID:	P4236-08	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
BF139658.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100424
Lab Sample ID:	P4236-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139658.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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	152.439		10-139		102	SPK: -150
13127-88-3	Phenol-d6	136.607		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	113.145		49-133		113	SPK: -100
321-60-8	2-Fluorobiphenyl	109.738		52-132		110	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF100424
Lab Sample ID:	P4236-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139658.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.551		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	110.383		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82545	6.863				
1146-65-2	Naphthalene-d8	311134	8.145				
15067-26-2	Acenaphthene-d10	174219	9.898				
1517-22-2	Phenanthrene-d10	321488	11.386				
1719-03-5	Chrysene-d12	183475	14.022				
1520-96-3	Perylene-d12	161151	15.492				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100424
Lab Sample ID:	P4236-12	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
BF139659.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100424
Lab Sample ID:	P4236-12	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
BF139659.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100424
Lab Sample ID:	P4236-12	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
BF139659.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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	159.964		10-139		107	SPK: -150
13127-88-3	Phenol-d6	148.783		10-134		99	SPK: -150
4165-60-0	Nitrobenzene-d5	108.146		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	105.782		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF100424
Lab Sample ID:	P4236-12	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
BF139659.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.162		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	114.672		48-125		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78394	6.863				
1146-65-2	Naphthalene-d8	296763	8.145				
15067-26-2	Acenaphthene-d10	164555	9.898				
1517-22-2	Phenanthrene-d10	302122	11.386				
1719-03-5	Chrysene-d12	164050	14.021				
1520-96-3	Perylene-d12	148911	15.492				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100424
Lab Sample ID:	P4236-16	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
BF139660.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100424
Lab Sample ID:	P4236-16	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
BF139660.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100424
Lab Sample ID:	P4236-16	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
BF139660.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

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	155.523		10-139		104	SPK: -150
13127-88-3	Phenol-d6	144.184		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	104.636		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	102.123		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF100424
Lab Sample ID:	P4236-16	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
BF139660.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.992		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	112.443		48-125		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89006	6.863				
1146-65-2	Naphthalene-d8	335900	8.145				
15067-26-2	Acenaphthene-d10	186685	9.898				
1517-22-2	Phenanthrene-d10	342927	11.386				
1719-03-5	Chrysene-d12	182305	14.021				
1520-96-3	Perylene-d12	172581	15.492				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-04	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
BF139661.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-04	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
BF139661.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	78		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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-04	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
BF139661.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

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	136.775		10-139		91	SPK: -150
13127-88-3	Phenol-d6	123.89		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	98.583		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	98.456		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-04	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
BF139661.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.66		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	101.251		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87057	6.863				
1146-65-2	Naphthalene-d8	326640	8.145				
15067-26-2	Acenaphthene-d10	176935	9.898				
1517-22-2	Phenanthrene-d10	321769	11.386				
1719-03-5	Chrysene-d12	177972	14.021				
1520-96-3	Perylene-d12	166728	15.492				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100424
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139662.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.6	U	59.6	190	230	ug/Kg
110-86-1	Pyridine	54.9	U	54.9	89.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.6	U	66.6	89.3	120	ug/Kg
108-95-2	Phenol	57	U	57	89.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.5	U	57.5	89.3	120	ug/Kg
95-57-8	2-Chlorophenol	57.4	U	57.4	89.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.1	U	58.1	89.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.1	U	59.1	89.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.4	U	59.4	89.3	120	ug/Kg
100-51-6	Benzyl Alcohol	57	U	57	190	230	ug/Kg
95-48-7	2-Methylphenol	55.4	U	55.4	89.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.4	U	62.4	89.3	120	ug/Kg
98-86-2	Acetophenone	59.7	U	59.7	89.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.8	U	54.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.7	U	27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	57	U	57	89.3	120	ug/Kg
98-95-3	Nitrobenzene	62.4	U	62.4	89.3	120	ug/Kg
78-59-1	Isophorone	58.1	U	58.1	89.3	120	ug/Kg
88-75-5	2-Nitrophenol	64.9	U	64.9	89.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	89.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.9	U	58.9	89.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.9	U	51.9	89.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.7	U	58.7	89.3	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.7	U	56.7	89.3	120	ug/Kg
106-47-8	4-Chloroaniline	56.7	U	56.7	89.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.2	U	57.2	89.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100424
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139662.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.6	U	59.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.2	U	53.2	89.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.7	U	56.7	89.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.1	U	49.1	89.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.8	U	50.8	89.3	120	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	89.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.2	U	57.2	89.3	120	ug/Kg
88-74-4	2-Nitroaniline	65.3	U	65.3	89.3	120	ug/Kg
131-11-3	Dimethylphthalate	56.1	U	56.1	89.3	120	ug/Kg
208-96-8	Acenaphthylene	59.4	U	59.4	89.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.2	U	57.2	89.3	120	ug/Kg
99-09-2	3-Nitroaniline	61.3	U	61.3	89.3	120	ug/Kg
83-32-9	Acenaphthene	55.7	U	55.7	89.3	120	ug/Kg
Total PAH	Total PAH	910.1	U	910.1	89.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.7	U	79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	58	U	58	89.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.4	U	116.4	89.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.2	U	59.2	89.3	120	ug/Kg
84-66-2	Diethylphthalate	55	U	55	89.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.8	U	58.8	89.3	120	ug/Kg
86-73-7	Fluorene	58.7	U	58.7	89.3	120	ug/Kg
100-01-6	4-Nitroaniline	73.5	U	73.5	89.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.4	U	80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.1	U	56.1	89.3	120	ug/Kg
103-33-3	Azobenzene	54.7	U	54.7	89.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.2	U	54.2	89.3	120	ug/Kg
118-74-1	Hexachlorobenzene	58.4	U	58.4	89.3	120	ug/Kg
1912-24-9	Atrazine	62.8	U	62.8	89.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100424
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139662.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.1	U	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	57.7	U	57.7	89.3	120	ug/Kg
120-12-7	Anthracene	58	U	58	89.3	120	ug/Kg
86-74-8	Carbazole	55.2	U	55.2	89.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.9	U	57.9	89.3	120	ug/Kg
206-44-0	Fluoranthene	56.1	U	56.1	89.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57	U	57	89.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.5	U	66.5	89.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.7	U	67.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.4	U	55.4	89.3	120	ug/Kg
218-01-9	Chrysene	54.6	U	54.6	89.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.5	U	62.5	89.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.6	U	75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.7	U	55.7	89.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	U	56.7	89.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.9	U	63.9	89.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.7	U	53.7	89.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.8	U	55.8	89.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	89.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.6	U	59.6	89.3	120	ug/Kg
123-91-1	1,4-Dioxane	75.6	U	75.6	89.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.3	U	51.3	89.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.2	U	57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.376		18-112		86	SPK: -150
13127-88-3	Phenol-d6	126.099		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	85.263		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	85.019		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100424
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139662.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.453		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	83.638		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84315	6.863				
1146-65-2	Naphthalene-d8	319378	8.145				
15067-26-2	Acenaphthene-d10	172805	9.898				
1517-22-2	Phenanthrene-d10	307575	11.386				
1719-03-5	Chrysene-d12	160160	14.021				
1520-96-3	Perylene-d12	174880	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.087	
000119-61-9	Benzophenone	210	J			10.61	
000057-10-3	n-Hexadecanoic acid	200	J			11.91	

Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM		
Project:				Date Received:	10/1/2024 12:00:00 AM		
Client Sample ID:	MH-147			SDG No.:	BF100424		
Lab Sample ID:	P4254-05			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139663.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163843

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147	SDG No.:	BF100424
Lab Sample ID:	P4254-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139663.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163843

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147	SDG No.:	BF100424
Lab Sample ID:	P4254-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139663.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.529		10-139		40	SPK: -150
13127-88-3	Phenol-d6	39.675		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	74.991		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	76.049		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147	SDG No.:	BF100424
Lab Sample ID:	P4254-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139663.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.088		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	79.253		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89450	6.863				
1146-65-2	Naphthalene-d8	342471	8.145				
15067-26-2	Acenaphthene-d10	186088	9.898				
1517-22-2	Phenanthrene-d10	331838	11.386				
1719-03-5	Chrysene-d12	186521	14.021				
1520-96-3	Perylene-d12	200878	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	290	J			2.163	
005131-66-8	2-Propanol, 1-butoxy-	6.9	J			6.163	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	170	J			8.375	
117888-04-7	2,4-Diethyl-6-methyl-1,3,5-trioxan	140	J			8.398	
	unknown8.475	22.3	J			8.475	
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	7.1	J			8.51	
	unknown9.416	2.4	J			9.416	
000119-61-9	Benzophenone	9.1	J			10.61	
000057-10-3	n-Hexadecanoic acid	3.3	J			11.91	
015910-23-3	Cholest-2-ene	3.6	J			14.986	

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	VNJ-240	SDG No.:	BF100424
Lab Sample ID:	P4257-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139664.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.9	U	55.9	170	210	ug/Kg
110-86-1	Pyridine	51.4	U	51.4	83.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.4	U	62.4	83.7	110	ug/Kg
108-95-2	Phenol	53.4	U	53.4	83.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.9	U	53.9	83.7	110	ug/Kg
95-57-8	2-Chlorophenol	53.8	U	53.8	83.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.5	U	54.5	83.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.4	U	55.4	83.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.7	U	55.7	83.7	110	ug/Kg
100-51-6	Benzyl Alcohol	53.4	U	53.4	170	210	ug/Kg
95-48-7	2-Methylphenol	51.9	U	51.9	83.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.5	U	58.5	83.7	110	ug/Kg
98-86-2	Acetophenone	55.9	U	55.9	83.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.4	U	51.4	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.9	U	25.9	51.5	51.5	ug/Kg
67-72-1	Hexachloroethane	53.4	U	53.4	83.7	110	ug/Kg
98-95-3	Nitrobenzene	58.5	U	58.5	83.7	110	ug/Kg
78-59-1	Isophorone	54.5	U	54.5	83.7	110	ug/Kg
88-75-5	2-Nitrophenol	60.8	U	60.8	83.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	60	83.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.2	U	55.2	83.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.6	U	48.6	83.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55	U	55	83.7	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.2	U	53.2	83.7	110	ug/Kg
106-47-8	4-Chloroaniline	53.2	U	53.2	83.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.6	U	53.6	83.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	VNJ-240	SDG No.:	BF100424
Lab Sample ID:	P4257-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139664.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.9	U	55.9	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.9	U	49.9	83.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.1	U	53.1	83.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	83.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.6	U	47.6	83.7	110	ug/Kg
92-52-4	1,1-Biphenyl	56.3	U	56.3	83.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.6	U	53.6	83.7	110	ug/Kg
88-74-4	2-Nitroaniline	61.2	U	61.2	83.7	110	ug/Kg
131-11-3	Dimethylphthalate	52.6	U	52.6	83.7	110	ug/Kg
208-96-8	Acenaphthylene	55.7	U	55.7	83.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.6	U	53.6	83.7	110	ug/Kg
99-09-2	3-Nitroaniline	57.4	U	57.4	83.7	110	ug/Kg
83-32-9	Acenaphthene	52.2	U	52.2	83.7	110	ug/Kg
Total PAH	Total PAH	1119.4	U	853.2	83.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.7	U	74.7	170	210	ug/Kg
132-64-9	Dibenzofuran	54.3	U	54.3	83.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.1	U	109.1	83.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.5	U	55.5	83.7	110	ug/Kg
84-66-2	Diethylphthalate	51.6	U	51.6	83.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.1	U	55.1	83.7	110	ug/Kg
86-73-7	Fluorene	55	U	55	83.7	110	ug/Kg
100-01-6	4-Nitroaniline	68.9	U	68.9	83.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.3	U	75.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.5	U	52.5	83.7	110	ug/Kg
103-33-3	Azobenzene	51.2	U	51.2	83.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.8	U	50.8	83.7	110	ug/Kg
118-74-1	Hexachlorobenzene	54.7	U	54.7	83.7	110	ug/Kg
1912-24-9	Atrazine	58.8	U	58.8	83.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	VNJ-240	SDG No.:	BF100424
Lab Sample ID:	P4257-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139664.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	J	49.8	170	210	ug/Kg
85-01-8	Phenanthrene	54.1	U	54.1	83.7	110	ug/Kg
120-12-7	Anthracene	54.3	U	54.3	83.7	110	ug/Kg
86-74-8	Carbazole	51.7	U	51.7	83.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.3	U	54.3	83.7	110	ug/Kg
206-44-0	Fluoranthene	130		52.6	83.7	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	120		53.4	83.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.3	U	62.3	83.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.5	U	63.5	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	52	83.7	110	ug/Kg
218-01-9	Chrysene	130		51.2	83.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.6	U	58.6	83.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.8	U	70.8	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		52.2	83.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	79.4	J	53.2	83.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	160		59.9	83.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.2	J	50.3	83.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.3	U	52.3	83.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.8	J	51.6	83.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.9	U	55.9	83.7	110	ug/Kg
123-91-1	1,4-Dioxane	70.8	U	70.8	83.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.1	U	48.1	83.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.6	U	53.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.263		18-112		54	SPK: -150
13127-88-3	Phenol-d6	79.655		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	54.192		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	57.655		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	VNJ-240	SDG No.:	BF100424
Lab Sample ID:	P4257-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139664.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.929		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	45.74		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93002	6.863				
1146-65-2	Naphthalene-d8	348759	8.145				
15067-26-2	Acenaphthene-d10	179369	9.898				
1517-22-2	Phenanthrene-d10	278025	11.386				
1719-03-5	Chrysene-d12	175438	14.022				
1520-96-3	Perylene-d12	192571	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.081	
000119-61-9	Benzophenone	160	J			10.61	
000057-10-3	n-Hexadecanoic acid	130	J			11.91	
000192-97-2	Benzo[e]pyrene	110	J			15.363	
000593-49-7	Heptacosane	49.4	J			15.945	

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	OR-03-100124	SDG No.:	BF100424
Lab Sample ID:	P4255-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF139665.D	2	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.9	U	54.9	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	OR-03-100124	SDG No.:	BF100424
Lab Sample ID:	P4255-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF139665.D	2	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97.2	U	97.2	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	5610	U	1800	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	110	U	110	180	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	J	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	120	U	120	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	OR-03-100124	SDG No.:	BF100424
Lab Sample ID:	P4255-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF139665.D	2	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	750		110	180	230	ug/Kg
120-12-7	Anthracene	240		110	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	180	230	ug/Kg
206-44-0	Fluoranthene	1100		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	860		110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	510		110	180	230	ug/Kg
218-01-9	Chrysene	430		110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	480		130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.236		18-112		53	SPK: -150
13127-88-3	Phenol-d6	75.004		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.448		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	53.03		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	OR-03-100124	SDG No.:	BF100424
Lab Sample ID:	P4255-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF139665.D	2	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.42		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	38.312		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89085	6.863				
1146-65-2	Naphthalene-d8	314840	8.145				
15067-26-2	Acenaphthene-d10	145091	9.898				
1517-22-2	Phenanthrene-d10	230651	11.38				
1719-03-5	Chrysene-d12	169525	14.021				
1520-96-3	Perylene-d12	134169	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	94.9	A			5.069	
000119-61-9	Benzophenone	170	J			10.61	
002531-84-2	Phenanthrene, 2-methyl-	140	J			11.886	
000613-12-7	Anthracene, 2-methyl-	190	J			11.91	
000203-64-5	4H-Cyclopenta[def]phenanthrene	350	J			11.998	
000781-43-1	9,10-Dimethylantracene	140	J			12.433	
	unknown	12.469	J			12.469	
005737-13-3	Cyclopenta(def)phenanthrenone	100	J			12.522	
002381-21-7	Pyrene, 1-methyl-	96.2	J			13.045	
000243-17-4	11H-Benzo[b]fluorene	170	J			13.151	
003442-78-2	Pyrene, 2-methyl-	100	J			13.257	
013849-96-2	17.alpha.(H),21.beta.(H)-Hopane	670	J			16.633	

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	AU-05-100224	SDG No.:	BF100424
Lab Sample ID:	P4273-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF139666.D	2	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.5	U	51.5	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.4	U	96.4	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	AU-05-100224	SDG No.:	BF100424
Lab Sample ID:	P4273-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF139666.D	2	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	99	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.2	U	91.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.5	U	94.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1689.7	U	1689.7	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	AU-05-100224	SDG No.:	BF100424
Lab Sample ID:	P4273-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF139666.D	2	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.7	U	98.7	340	420	ug/Kg
85-01-8	Phenanthrene	120	J	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	210	J	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	160	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	100	170	220	ug/Kg
218-01-9	Chrysene	110	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.7	U	99.7	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.4	U	95.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.05		18-112		55	SPK: -150
13127-88-3	Phenol-d6	77.916		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	56.882		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	63.168		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	AU-05-100224	SDG No.:	BF100424
Lab Sample ID:	P4273-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139666.D	2	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.342		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	50.558		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90029	6.863				
1146-65-2	Naphthalene-d8	303514	8.145				
15067-26-2	Acenaphthene-d10	140372	9.898				
1517-22-2	Phenanthrene-d10	239377	11.386				
1719-03-5	Chrysene-d12	181695	14.022				
1520-96-3	Perylene-d12	141617	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	93.6	A			5.069	
000119-61-9	Benzophenone	260	J			10.61	
017312-53-7	Decane, 3,6-dimethyl-	170	J			10.81	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	130	J			11.275	

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139667.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		55.1	170	210	ug/Kg
110-86-1	Pyridine	940		50.7	82.6	110	ug/Kg
100-52-7	Benzaldehyde	550		120	170	210	ug/Kg
62-53-3	Aniline	740		61.5	82.6	110	ug/Kg
108-95-2	Phenol	1000		52.6	82.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	980		53.2	82.6	110	ug/Kg
95-57-8	2-Chlorophenol	1000		53	82.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		53.7	82.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		54.6	82.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	980		54.9	82.6	110	ug/Kg
100-51-6	Benzyl Alcohol	960		52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	970		51.2	82.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		57.7	82.6	110	ug/Kg
98-86-2	Acetophenone	1100		55.2	82.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	970		50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	910		52.7	82.6	110	ug/Kg
98-95-3	Nitrobenzene	1000		57.7	82.6	110	ug/Kg
78-59-1	Isophorone	1000		53.7	82.6	110	ug/Kg
88-75-5	2-Nitrophenol	1000		60	82.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		59.2	82.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		54.5	82.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		47.9	82.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	950		54.2	82.6	110	ug/Kg
65-85-0	Benzoic acid	870		150	170	210	ug/Kg
91-20-3	Naphthalene	990		52.5	82.6	110	ug/Kg
106-47-8	4-Chloroaniline	190		52.5	82.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	980		52.9	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139667.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	940		55.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		49.2	82.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	930		52.4	82.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		99.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.3	82.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		47	82.6	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		55.5	82.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		52.9	82.6	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.3	82.6	110	ug/Kg
131-11-3	Dimethylphthalate	1100		51.9	82.6	110	ug/Kg
208-96-8	Acenaphthylene	1100		54.9	82.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	950		52.8	82.6	110	ug/Kg
99-09-2	3-Nitroaniline	680		56.6	82.6	110	ug/Kg
83-32-9	Acenaphthene	1000		51.5	82.6	110	ug/Kg
Total PAH	Total PAH	16090		841.7	82.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	930		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1800	E	73.7	170	210	ug/Kg
132-64-9	Dibenzofuran	1000		53.6	82.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	890		107.5	82.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	940		54.7	82.6	110	ug/Kg
84-66-2	Diethylphthalate	1000		50.9	82.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		54.4	82.6	110	ug/Kg
86-73-7	Fluorene	940		54.3	82.6	110	ug/Kg
100-01-6	4-Nitroaniline	780		68	82.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550		74.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51.8	82.6	110	ug/Kg
103-33-3	Azobenzene	1100		50.6	82.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		50.1	82.6	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		54	82.6	110	ug/Kg
1912-24-9	Atrazine	1200		58	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139667.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	1000		53.3	82.6	110	ug/Kg
120-12-7	Anthracene	1100		53.6	82.6	110	ug/Kg
86-74-8	Carbazole	1000		51	82.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		53.5	82.6	110	ug/Kg
206-44-0	Fluoranthene	1000		51.9	82.6	110	ug/Kg
92-87-5	Benzidine	1900	E	100	170	210	ug/Kg
129-00-0	Pyrene	880		52.7	82.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		61.5	82.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		62.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1000		51.3	82.6	110	ug/Kg
218-01-9	Chrysene	1000		50.5	82.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		57.8	82.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		51.5	82.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		52.5	82.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		59.1	82.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		49.6	82.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		51.6	82.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		50.9	82.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		55.1	82.6	110	ug/Kg
123-91-1	1,4-Dioxane	980		69.9	82.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970		47.4	82.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	890		52.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.474		18-112		73	SPK: -150
13127-88-3	Phenol-d6	105.579		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	76.137		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	81.533		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMSD	SDG No.:	BF100424
Lab Sample ID:	P4242-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139667.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.09		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	63.625		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85435	6.869				
1146-65-2	Naphthalene-d8	300337	8.151				
15067-26-2	Acenaphthene-d10	141928	9.904				
1517-22-2	Phenanthrene-d10	232157	11.386				
1719-03-5	Chrysene-d12	162639	14.027				
1520-96-3	Perylene-d12	128559	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139668.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.1	U	55.1	170	210	ug/Kg
110-86-1	Pyridine	50.7	U	50.7	82.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.5	U	61.5	82.5	110	ug/Kg
108-95-2	Phenol	52.6	U	52.6	82.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.1	U	53.1	82.5	110	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	82.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.7	U	53.7	82.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.6	U	54.6	82.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.9	U	54.9	82.5	110	ug/Kg
100-51-6	Benzyl Alcohol	52.7	U	52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	51.2	U	51.2	82.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.7	U	57.7	82.5	110	ug/Kg
98-86-2	Acetophenone	55.2	U	55.2	82.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	52.7	U	52.7	82.5	110	ug/Kg
98-95-3	Nitrobenzene	57.6	U	57.6	82.5	110	ug/Kg
78-59-1	Isophorone	53.7	U	53.7	82.5	110	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.2	U	59.2	82.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.5	U	54.5	82.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.9	U	47.9	82.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.2	U	54.2	82.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.4	U	52.4	82.5	110	ug/Kg
106-47-8	4-Chloroaniline	52.4	U	52.4	82.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.9	U	52.9	82.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139668.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.1	U	55.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.2	U	49.2	82.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.4	U	52.4	82.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.3	U	45.3	82.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	82.5	110	ug/Kg
92-52-4	1,1-Biphenyl	55.5	U	55.5	82.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.9	U	52.9	82.5	110	ug/Kg
88-74-4	2-Nitroaniline	60.3	U	60.3	82.5	110	ug/Kg
131-11-3	Dimethylphthalate	51.9	U	51.9	82.5	110	ug/Kg
208-96-8	Acenaphthylene	54.9	U	54.9	82.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.8	U	52.8	82.5	110	ug/Kg
99-09-2	3-Nitroaniline	56.6	U	56.6	82.5	110	ug/Kg
83-32-9	Acenaphthene	51.5	U	51.5	82.5	110	ug/Kg
Total PAH	Total PAH	841.2	U	841.2	82.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.6	U	73.6	170	210	ug/Kg
132-64-9	Dibenzofuran	53.6	U	53.6	82.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.7	U	54.7	82.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.5	U	107.5	82.5	220	ug/Kg
84-66-2	Diethylphthalate	50.9	U	50.9	82.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.3	U	54.3	82.5	110	ug/Kg
86-73-7	Fluorene	54.3	U	54.3	82.5	110	ug/Kg
100-01-6	4-Nitroaniline	67.9	U	67.9	82.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.3	U	74.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.8	U	51.8	82.5	110	ug/Kg
103-33-3	Azobenzene	50.5	U	50.5	82.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.1	U	50.1	82.5	110	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.5	110	ug/Kg
1912-24-9	Atrazine	58	U	58	82.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139668.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.1	U	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	53.3	U	53.3	82.5	110	ug/Kg
120-12-7	Anthracene	53.6	U	53.6	82.5	110	ug/Kg
86-74-8	Carbazole	51	U	51	82.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.5	U	53.5	82.5	110	ug/Kg
206-44-0	Fluoranthene	51.9	U	51.9	82.5	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.7	U	52.7	82.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.5	U	61.5	82.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.6	U	62.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.2	U	51.2	82.5	110	ug/Kg
218-01-9	Chrysene	50.5	U	50.5	82.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.8	U	57.8	82.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.8	U	69.8	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.5	U	51.5	82.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.4	U	52.4	82.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	59	U	59	82.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.6	U	49.6	82.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.5	U	51.5	82.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.9	U	50.9	82.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.1	U	55.1	82.5	110	ug/Kg
123-91-1	1,4-Dioxane	69.8	U	69.8	82.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.4	U	47.4	82.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.8	U	52.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.094		18-112		67	SPK: -150
13127-88-3	Phenol-d6	94.535		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	67.972		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	74.723		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-Q	SDG No.:	BF100424
Lab Sample ID:	P4242-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139668.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.389		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	56.342		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80545	6.863				
1146-65-2	Naphthalene-d8	279132	8.145				
15067-26-2	Acenaphthene-d10	129791	9.898				
1517-22-2	Phenanthrene-d10	216846	11.386				
1719-03-5	Chrysene-d12	171607	14.021				
1520-96-3	Perylene-d12	131629	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.081	
000119-61-9	Benzophenone	140	J			10.61	
000057-10-3	n-Hexadecanoic acid	75.3	J			11.91	
000301-02-0	9-Octadecenamide, (Z)-	44.9	J			13.445	

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139669.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	980		55.1	170	210	ug/Kg
110-86-1	Pyridine	910		50.8	82.6	110	ug/Kg
100-52-7	Benzaldehyde	520		120	170	210	ug/Kg
62-53-3	Aniline	790		61.6	82.6	110	ug/Kg
108-95-2	Phenol	960		52.7	82.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950		53.2	82.6	110	ug/Kg
95-57-8	2-Chlorophenol	970		53	82.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	930		53.7	82.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	930		54.6	82.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	930		54.9	82.6	110	ug/Kg
100-51-6	Benzyl Alcohol	890		52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	920		51.2	82.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940		57.7	82.6	110	ug/Kg
98-86-2	Acetophenone	980		55.2	82.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	900		50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	900		25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	850		52.7	82.6	110	ug/Kg
98-95-3	Nitrobenzene	940		57.7	82.6	110	ug/Kg
78-59-1	Isophorone	940		53.7	82.6	110	ug/Kg
88-75-5	2-Nitrophenol	970		60	82.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		59.2	82.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		54.5	82.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	950		48	82.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	910		54.2	82.6	110	ug/Kg
65-85-0	Benzoic acid	770		150	170	210	ug/Kg
91-20-3	Naphthalene	930		52.5	82.6	110	ug/Kg
106-47-8	4-Chloroaniline	200		52.5	82.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	910		52.9	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139669.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	870		55.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		49.2	82.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	880		52.4	82.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		99.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		45.4	82.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950		47	82.6	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		55.5	82.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	990		52.9	82.6	110	ug/Kg
88-74-4	2-Nitroaniline	1000		60.3	82.6	110	ug/Kg
131-11-3	Dimethylphthalate	1000		51.9	82.6	110	ug/Kg
208-96-8	Acenaphthylene	1000		54.9	82.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	910		52.8	82.6	110	ug/Kg
99-09-2	3-Nitroaniline	670		56.7	82.6	110	ug/Kg
83-32-9	Acenaphthene	940		51.5	82.6	110	ug/Kg
Total PAH	Total PAH	15230		841.8	82.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	750		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1700	E	73.7	170	210	ug/Kg
132-64-9	Dibenzofuran	950		53.6	82.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	800		107.6	82.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		54.8	82.6	110	ug/Kg
84-66-2	Diethylphthalate	960		50.9	82.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		54.4	82.6	110	ug/Kg
86-73-7	Fluorene	900		54.3	82.6	110	ug/Kg
100-01-6	4-Nitroaniline	730		68	82.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460		74.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51.8	82.6	110	ug/Kg
103-33-3	Azobenzene	990		50.6	82.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		50.1	82.6	110	ug/Kg
118-74-1	Hexachlorobenzene	940		54	82.6	110	ug/Kg
1912-24-9	Atrazine	1200		58.1	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139669.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	1000		53.4	82.6	110	ug/Kg
120-12-7	Anthracene	1000		53.6	82.6	110	ug/Kg
86-74-8	Carbazole	1000		51	82.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		53.5	82.6	110	ug/Kg
206-44-0	Fluoranthene	1000		51.9	82.6	110	ug/Kg
92-87-5	Benzidine	2200	E	100	170	210	ug/Kg
129-00-0	Pyrene	840		52.7	82.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		61.5	82.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		62.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1000		51.3	82.6	110	ug/Kg
218-01-9	Chrysene	990		50.5	82.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		57.8	82.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		51.5	82.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52.5	82.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		59.1	82.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		49.6	82.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	900		51.6	82.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		50.9	82.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		55.1	82.6	110	ug/Kg
123-91-1	1,4-Dioxane	940		69.9	82.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	910		47.5	82.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	830		52.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.586		18-112		69	SPK: -150
13127-88-3	Phenol-d6	99.088		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	71.706		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	77.005		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TP-QMS	SDG No.:	BF100424
Lab Sample ID:	P4242-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF139669.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.75		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	61.319		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85047	6.869				
1146-65-2	Naphthalene-d8	297861	8.151				
15067-26-2	Acenaphthene-d10	139846	9.904				
1517-22-2	Phenanthrene-d10	230700	11.386				
1719-03-5	Chrysene-d12	166417	14.027				
1520-96-3	Perylene-d12	135056	15.498				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100424
Lab Sample ID:	P4236-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139670.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54	U	54	170	210	ug/Kg
110-86-1	Pyridine	49.7	U	49.7	80.8	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.3	U	60.3	80.8	110	ug/Kg
108-95-2	Phenol	51.6	U	51.6	80.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.1	U	52.1	80.8	110	ug/Kg
95-57-8	2-Chlorophenol	51.9	U	51.9	80.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.6	U	52.6	80.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.5	U	53.5	80.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.8	U	53.8	80.8	110	ug/Kg
100-51-6	Benzyl Alcohol	51.6	U	51.6	170	210	ug/Kg
95-48-7	2-Methylphenol	50.1	U	50.1	80.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.5	U	56.5	80.8	110	ug/Kg
98-86-2	Acetophenone	54	U	54	80.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.6	U	49.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.1	U	25.1	49.8	49.8	ug/Kg
67-72-1	Hexachloroethane	51.6	U	51.6	80.8	110	ug/Kg
98-95-3	Nitrobenzene	56.5	U	56.5	80.8	110	ug/Kg
78-59-1	Isophorone	52.6	U	52.6	80.8	110	ug/Kg
88-75-5	2-Nitrophenol	58.8	U	58.8	80.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	58	80.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.4	U	53.4	80.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	80.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.1	U	53.1	80.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.4	U	51.4	80.8	110	ug/Kg
106-47-8	4-Chloroaniline	51.4	U	51.4	80.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.8	U	51.8	80.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100424
Lab Sample ID:	P4236-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139670.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54	U	54	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.2	U	48.2	80.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.3	U	51.3	80.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.4	U	44.4	80.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	80.8	110	ug/Kg
92-52-4	1,1-Biphenyl	54.4	U	54.4	80.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.8	U	51.8	80.8	110	ug/Kg
88-74-4	2-Nitroaniline	59.1	U	59.1	80.8	110	ug/Kg
131-11-3	Dimethylphthalate	50.8	U	50.8	80.8	110	ug/Kg
208-96-8	Acenaphthylene	53.8	U	53.8	80.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.7	U	51.7	80.8	110	ug/Kg
99-09-2	3-Nitroaniline	55.5	U	55.5	80.8	110	ug/Kg
83-32-9	Acenaphthene	50.4	U	50.4	80.8	110	ug/Kg
Total PAH	Total PAH	824	U	824	80.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.1	U	72.1	170	210	ug/Kg
132-64-9	Dibenzofuran	52.5	U	52.5	80.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.3	U	105.3	80.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.6	U	53.6	80.8	110	ug/Kg
84-66-2	Diethylphthalate	49.8	U	49.8	80.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.2	U	53.2	80.8	110	ug/Kg
86-73-7	Fluorene	53.2	U	53.2	80.8	110	ug/Kg
100-01-6	4-Nitroaniline	66.5	U	66.5	80.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.8	U	72.8	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.7	U	50.7	80.8	110	ug/Kg
103-33-3	Azobenzene	49.5	U	49.5	80.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.1	U	49.1	80.8	110	ug/Kg
118-74-1	Hexachlorobenzene	52.9	U	52.9	80.8	110	ug/Kg
1912-24-9	Atrazine	56.8	U	56.8	80.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100424
Lab Sample ID:	P4236-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139670.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.1	U	48.1	170	210	ug/Kg
85-01-8	Phenanthrene	52.2	U	52.2	80.8	110	ug/Kg
120-12-7	Anthracene	52.5	U	52.5	80.8	110	ug/Kg
86-74-8	Carbazole	49.9	U	49.9	80.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.4	U	52.4	80.8	110	ug/Kg
206-44-0	Fluoranthene	50.8	U	50.8	80.8	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	51.6	U	51.6	80.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.2	U	60.2	80.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.3	U	61.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.2	U	50.2	80.8	110	ug/Kg
218-01-9	Chrysene	49.4	U	49.4	80.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.6	U	56.6	80.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.4	U	68.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.4	U	50.4	80.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.4	U	51.4	80.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	57.8	U	57.8	80.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.6	U	48.6	80.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.5	U	50.5	80.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49.8	U	49.8	80.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	80.8	110	ug/Kg
123-91-1	1,4-Dioxane	68.4	U	68.4	80.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.5	U	46.5	80.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.7	U	51.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.128		18-112		74	SPK: -150
13127-88-3	Phenol-d6	105.886		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	75.492		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	80.978		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100424
Lab Sample ID:	P4236-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139670.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.761		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	65.272		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75998	6.863				
1146-65-2	Naphthalene-d8	264930	8.145				
15067-26-2	Acenaphthene-d10	129157	9.898				
1517-22-2	Phenanthrene-d10	221724	11.386				
1719-03-5	Chrysene-d12	171665	14.021				
1520-96-3	Perylene-d12	134551	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.087	
000057-10-3	n-Hexadecanoic acid	70.7	J			11.91	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF100424
Lab Sample ID:	P4236-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139671.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		53.9	170	210	ug/Kg
110-86-1	Pyridine	980		49.6	80.8	110	ug/Kg
100-52-7	Benzaldehyde	570		110	170	210	ug/Kg
62-53-3	Aniline	630		60.2	80.8	110	ug/Kg
108-95-2	Phenol	980		51.5	80.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	980		52	80.8	110	ug/Kg
95-57-8	2-Chlorophenol	1000		51.9	80.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		52.6	80.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	970		53.4	80.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		53.7	80.8	110	ug/Kg
100-51-6	Benzyl Alcohol	970		51.6	170	210	ug/Kg
95-48-7	2-Methylphenol	960		50.1	80.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		56.5	80.8	110	ug/Kg
98-86-2	Acetophenone	1000		54	80.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	980		49.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	960		25	49.7	49.7	ug/Kg
67-72-1	Hexachloroethane	920		51.6	80.8	110	ug/Kg
98-95-3	Nitrobenzene	980		56.4	80.8	110	ug/Kg
78-59-1	Isophorone	1000		52.6	80.8	110	ug/Kg
88-75-5	2-Nitrophenol	1000		58.7	80.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		57.9	80.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		53.3	80.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	990		46.9	80.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		53.1	80.8	110	ug/Kg
65-85-0	Benzoic acid	840		150	170	210	ug/Kg
91-20-3	Naphthalene	980		51.3	80.8	110	ug/Kg
106-47-8	4-Chloroaniline	160		51.3	80.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	960		51.8	80.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF100424
Lab Sample ID:	P4236-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139671.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	940		53.9	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		48.1	80.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	940		51.3	80.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	E	96.9	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		44.4	80.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		46	80.8	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		54.3	80.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		51.8	80.8	110	ug/Kg
88-74-4	2-Nitroaniline	1000		59	80.8	110	ug/Kg
131-11-3	Dimethylphthalate	1100		50.8	80.8	110	ug/Kg
208-96-8	Acenaphthylene	1100		53.7	80.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		51.7	80.8	110	ug/Kg
99-09-2	3-Nitroaniline	620		55.4	80.8	110	ug/Kg
83-32-9	Acenaphthene	990		50.4	80.8	110	ug/Kg
Total PAH	Total PAH	15840		823.2	80.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	900		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1700	E	72.1	170	210	ug/Kg
132-64-9	Dibenzofuran	980		52.4	80.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		53.6	80.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	890		105.3	80.8	220	ug/Kg
84-66-2	Diethylphthalate	980		49.8	80.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		53.2	80.8	110	ug/Kg
86-73-7	Fluorene	930		53.1	80.8	110	ug/Kg
100-01-6	4-Nitroaniline	750		66.5	80.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550		72.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		50.7	80.8	110	ug/Kg
103-33-3	Azobenzene	940		49.5	80.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		49	80.8	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		52.8	80.8	110	ug/Kg
1912-24-9	Atrazine	1300		56.8	80.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF100424
Lab Sample ID:	P4236-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139671.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	48	170	210	ug/Kg
85-01-8	Phenanthrene	1000		52.2	80.8	110	ug/Kg
120-12-7	Anthracene	1100		52.4	80.8	110	ug/Kg
86-74-8	Carbazole	1000		49.9	80.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		52.4	80.8	110	ug/Kg
206-44-0	Fluoranthene	1000		50.8	80.8	110	ug/Kg
92-87-5	Benzidine	1900	E	100	170	210	ug/Kg
129-00-0	Pyrene	860		51.6	80.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		60.1	80.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		61.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1000		50.1	80.8	110	ug/Kg
218-01-9	Chrysene	1000		49.4	80.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		56.5	80.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		68.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		50.4	80.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		51.3	80.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57.8	80.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		48.5	80.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		50.4	80.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		49.8	80.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		53.9	80.8	110	ug/Kg
123-91-1	1,4-Dioxane	1000		68.3	80.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	930		46.4	80.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	900		51.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.458		18-112		60	SPK: -150
13127-88-3	Phenol-d6	85.851		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	61.528		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	66.33		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MS	SDG No.:	BF100424
Lab Sample ID:	P4236-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139671.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.164		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	55.45		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87628	6.863				
1146-65-2	Naphthalene-d8	314605	8.151				
15067-26-2	Acenaphthene-d10	153935	9.904				
1517-22-2	Phenanthrene-d10	240992	11.386				
1719-03-5	Chrysene-d12	170279	14.027				
1520-96-3	Perylene-d12	132793	15.498				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF100424
Lab Sample ID:	P4236-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139672.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		53.9	170	210	ug/Kg
110-86-1	Pyridine	990		49.7	80.8	110	ug/Kg
100-52-7	Benzaldehyde	570		110	170	210	ug/Kg
62-53-3	Aniline	660		60.2	80.8	110	ug/Kg
108-95-2	Phenol	1000		51.5	80.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		52	80.8	110	ug/Kg
95-57-8	2-Chlorophenol	1000		51.9	80.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		52.6	80.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	990		53.5	80.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		53.8	80.8	110	ug/Kg
100-51-6	Benzyl Alcohol	990		51.6	170	210	ug/Kg
95-48-7	2-Methylphenol	1000		50.1	80.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		56.5	80.8	110	ug/Kg
98-86-2	Acetophenone	1000		54	80.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	990		49.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	970		25	49.7	49.7	ug/Kg
67-72-1	Hexachloroethane	930		51.6	80.8	110	ug/Kg
98-95-3	Nitrobenzene	990		56.4	80.8	110	ug/Kg
78-59-1	Isophorone	1000		52.6	80.8	110	ug/Kg
88-75-5	2-Nitrophenol	1000		58.7	80.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		57.9	80.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		53.3	80.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	990		46.9	80.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		53.1	80.8	110	ug/Kg
65-85-0	Benzoic acid	860		150	170	210	ug/Kg
91-20-3	Naphthalene	970		51.3	80.8	110	ug/Kg
106-47-8	4-Chloroaniline	160		51.3	80.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	970		51.8	80.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF100424
Lab Sample ID:	P4236-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139672.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	950		53.9	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	920		48.2	80.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	950		51.3	80.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	97	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		44.4	80.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		46	80.8	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		54.3	80.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		51.8	80.8	110	ug/Kg
88-74-4	2-Nitroaniline	1100		59	80.8	110	ug/Kg
131-11-3	Dimethylphthalate	1100		50.8	80.8	110	ug/Kg
208-96-8	Acenaphthylene	1100		53.8	80.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	970		51.7	80.8	110	ug/Kg
99-09-2	3-Nitroaniline	620		55.4	80.8	110	ug/Kg
83-32-9	Acenaphthene	1000		50.4	80.8	110	ug/Kg
Total PAH	Total PAH	15970		823.6	80.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1800	E	72.1	170	210	ug/Kg
132-64-9	Dibenzofuran	990		52.5	80.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		53.6	80.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	900		105.3	80.8	220	ug/Kg
84-66-2	Diethylphthalate	1000		49.8	80.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		53.2	80.8	110	ug/Kg
86-73-7	Fluorene	920		53.1	80.8	110	ug/Kg
100-01-6	4-Nitroaniline	770		66.5	80.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610		72.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		50.7	80.8	110	ug/Kg
103-33-3	Azobenzene	960		49.5	80.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		49	80.8	110	ug/Kg
118-74-1	Hexachlorobenzene	990		52.8	80.8	110	ug/Kg
1912-24-9	Atrazine	1300		56.8	80.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF100424
Lab Sample ID:	P4236-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BF139672.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	48	170	210	ug/Kg
85-01-8	Phenanthrene	1000		52.2	80.8	110	ug/Kg
120-12-7	Anthracene	1100		52.5	80.8	110	ug/Kg
86-74-8	Carbazole	1000		49.9	80.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		52.4	80.8	110	ug/Kg
206-44-0	Fluoranthene	1000		50.8	80.8	110	ug/Kg
92-87-5	Benzidine	1900	E	100	170	210	ug/Kg
129-00-0	Pyrene	890		51.6	80.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		60.2	80.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		61.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		50.2	80.8	110	ug/Kg
218-01-9	Chrysene	1000		49.4	80.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		56.6	80.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		68.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		50.4	80.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		51.3	80.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57.8	80.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		48.5	80.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		50.5	80.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		49.8	80.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		53.9	80.8	110	ug/Kg
123-91-1	1,4-Dioxane	1000		68.4	80.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		46.4	80.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	880		51.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.358		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.52		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.699		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	67.04		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4MSD	SDG No.:	BF100424
Lab Sample ID:	P4236-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139672.D	1	10/1/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.081		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	57.34		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87667	6.869				
1146-65-2	Naphthalene-d8	322185	8.145				
15067-26-2	Acenaphthene-d10	158285	9.904				
1517-22-2	Phenanthrene-d10	253109	11.386				
1719-03-5	Chrysene-d12	170633	14.027				
1520-96-3	Perylene-d12	138029	15.492				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	62.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139673.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	430	520	ug/Kg
110-86-1	Pyridine	130	U	130	210	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	430	520	ug/Kg
62-53-3	Aniline	150	U	150	210	270	ug/Kg
108-95-2	Phenol	130	U	130	210	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	210	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	210	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	210	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	210	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	210	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	430	520	ug/Kg
95-48-7	2-Methylphenol	130	U	130	210	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	210	270	ug/Kg
98-86-2	Acetophenone	140	U	140	210	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	430	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.7	U	63.7	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	210	270	ug/Kg
98-95-3	Nitrobenzene	140	U	140	210	270	ug/Kg
78-59-1	Isophorone	130	U	130	210	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	210	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	210	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	210	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	210	270	ug/Kg
65-85-0	Benzoic acid	370	U	370	430	520	ug/Kg
91-20-3	Naphthalene	130	U	130	210	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	210	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	62.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139673.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	430	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	210	270	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	210	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	430	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	210	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	210	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	210	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	210	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	210	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	210	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	210	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	210	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	210	270	ug/Kg
Total PAH	Total PAH	2110	U	2110	210	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	430	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	430	520	ug/Kg
132-64-9	Dibenzofuran	130	U	130	210	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	210	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	210	270	ug/Kg
84-66-2	Diethylphthalate	130	U	130	210	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	210	270	ug/Kg
86-73-7	Fluorene	140	U	140	210	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	210	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	430	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	210	270	ug/Kg
103-33-3	Azobenzene	130	U	130	210	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	210	270	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	210	270	ug/Kg
1912-24-9	Atrazine	140	U	140	210	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	62.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139673.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	430	520	ug/Kg
85-01-8	Phenanthrene	130	U	130	210	270	ug/Kg
120-12-7	Anthracene	130	U	130	210	270	ug/Kg
86-74-8	Carbazole	130	U	130	210	270	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	210	270	ug/Kg
206-44-0	Fluoranthene	130	U	130	210	270	ug/Kg
92-87-5	Benzidine	260	U	260	430	520	ug/Kg
129-00-0	Pyrene	130	U	130	210	270	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	210	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	430	520	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	270	ug/Kg
218-01-9	Chrysene	130	U	130	210	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	210	270	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	430	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	210	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	210	270	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	210	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	210	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	210	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	210	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	210	270	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	210	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	210	270	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	53.553		18-112		36	SPK: -150
13127-88-3	Phenol-d6	51.712		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	34.522		18-107		35	SPK: -100
321-60-8	2-Fluorobiphenyl	34.454		20-109		34	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	MH-147-SLUDGE	SDG No.:	BF100424
Lab Sample ID:	P4254-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	62.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139673.D	1	10/2/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	44.007		10-116		29	SPK: -150
1718-51-0	Terphenyl-d14	21.542		10-105		22	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72785	6.863				
1146-65-2	Naphthalene-d8	255109	8.145				
15067-26-2	Acenaphthene-d10	121946	9.898				
1517-22-2	Phenanthrene-d10	211862	11.386				
1719-03-5	Chrysene-d12	164052	14.021				
1520-96-3	Perylene-d12	130714	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3600	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.069	
000119-61-9	Benzophenone	260	J			10.61	
	unknown11.910	120	J			11.91	
1000163-04-7	Docosa-2,6,10,14,18-pentaen-22-al,	110	J			14.868	

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139674.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.9	U	58.9	180	220	ug/Kg
110-86-1	Pyridine	54.2	U	54.2	88.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.7	U	65.7	88.2	120	ug/Kg
108-95-2	Phenol	56.2	U	56.2	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.8	U	56.8	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	56.6	U	56.6	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.4	U	57.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.7	U	58.7	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.3	U	56.3	180	220	ug/Kg
95-48-7	2-Methylphenol	54.7	U	54.7	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	61.6	88.2	120	ug/Kg
98-86-2	Acetophenone	58.9	U	58.9	88.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.1	U	54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	56.3	U	56.3	88.2	120	ug/Kg
98-95-3	Nitrobenzene	61.6	U	61.6	88.2	120	ug/Kg
78-59-1	Isophorone	57.4	U	57.4	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.2	U	63.2	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.2	U	58.2	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.2	U	51.2	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.9	U	57.9	88.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56	U	56	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.5	U	56.5	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139674.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.9	U	58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	88.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.2	U	50.2	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	59.3	U	59.3	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.5	U	56.5	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	55.4	U	55.4	88.2	120	ug/Kg
208-96-8	Acenaphthylene	58.7	U	58.7	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.4	U	56.4	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	60.5	U	60.5	88.2	120	ug/Kg
83-32-9	Acenaphthene	55	U	55	88.2	120	ug/Kg
Total PAH	Total PAH	898.7	U	898.7	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.7	U	78.7	180	220	ug/Kg
132-64-9	Dibenzofuran	57.2	U	57.2	88.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.9	U	114.9	88.2	240	ug/Kg
84-66-2	Diethylphthalate	54.3	U	54.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.1	U	58.1	88.2	120	ug/Kg
86-73-7	Fluorene	58	U	58	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	72.6	U	72.6	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.3	U	79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.3	U	55.3	88.2	120	ug/Kg
103-33-3	Azobenzene	54	U	54	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.5	U	53.5	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	57.6	U	57.6	88.2	120	ug/Kg
1912-24-9	Atrazine	62	U	62	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139674.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.4	U	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	57	U	57	88.2	120	ug/Kg
120-12-7	Anthracene	57.2	U	57.2	88.2	120	ug/Kg
86-74-8	Carbazole	54.5	U	54.5	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.2	U	57.2	88.2	120	ug/Kg
206-44-0	Fluoranthene	84.1	J	55.4	88.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	59.4	J	56.3	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.6	U	65.6	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.9	U	66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.7	U	54.7	88.2	120	ug/Kg
218-01-9	Chrysene	55	J	53.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		61.7	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.6	U	74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	79.8	J	55	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.1	U	63.1	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.1	U	55.1	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.3	U	54.3	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	74.6	U	74.6	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.4	U	56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.06		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.156		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	55.451		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	59.785		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	VNJ-208	SDG No.:	BF100424
Lab Sample ID:	P4276-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139674.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.99		10-116		43	SPK: -150
1718-51-0	Terphenyl-d14	49.199		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83069	6.863				
1146-65-2	Naphthalene-d8	283969	8.145				
15067-26-2	Acenaphthene-d10	134086	9.898				
1517-22-2	Phenanthrene-d10	214316	11.386				
1719-03-5	Chrysene-d12	147812	14.033				
1520-96-3	Perylene-d12	120429	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.075	
000119-61-9	Benzophenone	330	J			10.61	
055045-11-9	Tridecane, 5-propyl-	67.1	J			10.81	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	100	J			10.922	
000629-50-5	Tridecane	53.8	J			10.992	
000057-10-3	n-Hexadecanoic acid	130	J			11.916	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	450	J			14.663	

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	BU-03-10022024	SDG No.:	BF100424
Lab Sample ID:	P4277-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
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
BF139675.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.3	U	55.3	170	210	ug/Kg
110-86-1	Pyridine	50.9	U	50.9	82.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.8	U	61.8	82.9	110	ug/Kg
108-95-2	Phenol	52.9	U	52.9	82.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.4	U	53.4	82.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.2	U	53.2	82.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.9	U	53.9	82.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.8	U	54.8	82.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.1	U	55.1	82.9	110	ug/Kg
100-51-6	Benzyl Alcohol	52.9	U	52.9	170	210	ug/Kg
95-48-7	2-Methylphenol	51.4	U	51.4	82.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	82.9	110	ug/Kg
98-86-2	Acetophenone	55.4	U	55.4	82.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.9	U	50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	52.9	U	52.9	82.9	110	ug/Kg
98-95-3	Nitrobenzene	57.9	U	57.9	82.9	110	ug/Kg
78-59-1	Isophorone	53.9	U	53.9	82.9	110	ug/Kg
88-75-5	2-Nitrophenol	60.2	U	60.2	82.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.4	U	59.4	82.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.7	U	54.7	82.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.1	U	48.1	82.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.4	U	54.4	82.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.7	U	52.7	82.9	110	ug/Kg
106-47-8	4-Chloroaniline	52.7	U	52.7	82.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.1	U	53.1	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	BU-03-10022024	SDG No.:	BF100424
Lab Sample ID:	P4277-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
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
BF139675.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.3	U	55.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.4	U	49.4	82.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.6	U	52.6	82.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.5	U	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.5	U	45.5	82.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.2	U	47.2	82.9	110	ug/Kg
92-52-4	1,1-Biphenyl	55.7	U	55.7	82.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.1	U	53.1	82.9	110	ug/Kg
88-74-4	2-Nitroaniline	60.6	U	60.6	82.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.1	U	52.1	82.9	110	ug/Kg
208-96-8	Acenaphthylene	55.1	U	55.1	82.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	82.9	110	ug/Kg
99-09-2	3-Nitroaniline	56.9	U	56.9	82.9	110	ug/Kg
83-32-9	Acenaphthene	51.7	U	51.7	82.9	110	ug/Kg
Total PAH	Total PAH	844.9	U	844.9	82.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	170	210	ug/Kg
132-64-9	Dibenzofuran	53.8	U	53.8	82.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108	U	108	82.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	82.9	110	ug/Kg
84-66-2	Diethylphthalate	51.1	U	51.1	82.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.6	U	54.6	82.9	110	ug/Kg
86-73-7	Fluorene	54.5	U	54.5	82.9	110	ug/Kg
100-01-6	4-Nitroaniline	68.2	U	68.2	82.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.6	U	74.6	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52	U	52	82.9	110	ug/Kg
103-33-3	Azobenzene	50.7	U	50.7	82.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.3	U	50.3	82.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.2	U	54.2	82.9	110	ug/Kg
1912-24-9	Atrazine	58.3	U	58.3	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	BU-03-10022024	SDG No.:	BF100424
Lab Sample ID:	P4277-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139675.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.3	U	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	53.6	U	53.6	82.9	110	ug/Kg
120-12-7	Anthracene	53.8	U	53.8	82.9	110	ug/Kg
86-74-8	Carbazole	51.2	U	51.2	82.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.7	U	53.7	82.9	110	ug/Kg
206-44-0	Fluoranthene	67.4	J	52.1	82.9	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	72.7	J	52.9	82.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.7	U	61.7	82.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.9	U	62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	67.5	J	51.4	82.9	110	ug/Kg
218-01-9	Chrysene	66.2	J	50.7	82.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58	U	58	82.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.1	U	70.1	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.6	J	51.7	82.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.7	U	52.7	82.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	80.5	J	59.3	82.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.8	U	49.8	82.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.8	U	51.8	82.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.1	U	51.1	82.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.3	U	55.3	82.9	110	ug/Kg
123-91-1	1,4-Dioxane	70.1	U	70.1	82.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.6	U	47.6	82.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.609		18-112		47	SPK: -150
13127-88-3	Phenol-d6	65.859		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	47.579		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	50.378		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	BU-03-10022024	SDG No.:	BF100424
Lab Sample ID:	P4277-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139675.D	1	10/3/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163870

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	60.194		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	41.489		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75696	6.863				
1146-65-2	Naphthalene-d8	259314	8.145				
15067-26-2	Acenaphthene-d10	122342	9.898				
1517-22-2	Phenanthrene-d10	213196	11.386				
1719-03-5	Chrysene-d12	153976	14.027				
1520-96-3	Perylene-d12	122841	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.14	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	81.6	A			5.075	
000119-61-9	Benzophenone	260	J			10.61	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	43.1	J			10.922	
000057-10-3	n-Hexadecanoic acid	120	J			11.91	

Hit Summary Sheet SW-846

SDG No.: BF100424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-5								
P4222-01	TP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
P4222-01	TP-5	Solid	Benzophenone *	210.000	J			
P4222-01	TP-5	Solid	Butane, 2-methoxy-2-methyl- *	2,900.000	J			
P4222-01	TP-5	Solid	n-Hexadecanoic acid *	200.000	J			
Total Tics :				3,470.00				
Total Concentration:				3,470.00				
Client ID : TP4								
P4236-01	TP4	Solid	2-Pentanone, 4-hydroxy-4-methyl *	130.000	A			
P4236-01	TP4	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			
P4236-01	TP4	Solid	n-Hexadecanoic acid *	70.700	J			
Total Tics :				2,400.70				
Total Concentration:				2,400.70				
Client ID : TP-Q								
P4242-01	TP-Q	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P4242-01	TP-Q	Solid	9-Octadecenamide, (Z)- *	44.900	J			
P4242-01	TP-Q	Solid	Benzophenone *	140.000	J			
P4242-01	TP-Q	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			
P4242-01	TP-Q	Solid	n-Hexadecanoic acid *	75.300	J			
Total Tics :				2,580.20				
Total Concentration:				2,580.20				
Client ID : TP-Q								
P4242-04	TP-Q	water	Pentachlorophenol	70.300	J	18.5	100	ug/L
Total Svoc :				70.30				
Total Concentration:				70.30				
Client ID : MH-147-SLUDGE								
P4254-01	MH-147-SLUDGE	Solid	2-Pentanone, 4-hydroxy-4-methyl *	150.000	A			
P4254-01	MH-147-SLUDGE	Solid	Benzophenone *	260.000	J			
P4254-01	MH-147-SLUDGE	Solid	Butane, 2-methoxy-2-methyl- *	3,600.000	J			
P4254-01	MH-147-SLUDGE	Solid	Docos-2,6,10,14,18-pentaen-22-ic *	110.000	J			
P4254-01	MH-147-SLUDGE	Solid	unknown11.910 *	120.000	J			
Total Tics :				4,240.00				
Total Concentration:				4,240.00				
Client ID : MH-147-SLUDGE								
P4254-04	MH-147-SLUDGE	water	Dimethylphthalate	78.000		9.3	50	ug/L
Total Svoc :				78.00				

Hit Summary Sheet SW-846

SDG No.: BF100424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	78.00				
Client ID :	MH-147							
P4254-05	MH-147	Water	2,4-Diethyl-6-methyl-1,3,5-trioxan *	140.000	J			
P4254-05	MH-147	Water	2-Propanol, 1-(2-butoxy-1-methyl *	170.000	J			
P4254-05	MH-147	Water	2-Propanol, 1-[1-methyl-2-(2-prop *	7.100	J			
P4254-05	MH-147	Water	2-Propanol, 1-butoxy- *	6.900	J			
P4254-05	MH-147	Water	Benzophenone *	9.100	J			
P4254-05	MH-147	Water	Butane, 2-methoxy-2-methyl- *	290.000	J			
P4254-05	MH-147	Water	Cholest-2-ene *	3.600	J			
P4254-05	MH-147	Water	n-Hexadecanoic acid *	3.300	J			
P4254-05	MH-147	Water	unknown8.475 *	22.300	J			
P4254-05	MH-147	Water	unknown9.416 *	2.400	J			
			Total Tics :	654.70				
			Total Concentration:	654.70				
Client ID :	OR-03-100124							
P4255-01	OR-03-100124	Solid	11H-Benzo[b]fluorene *	170.000	J			
P4255-01	OR-03-100124	Solid	17.alpha.(H),21.beta.(H)-Hopane *	670.000	J			
P4255-01	OR-03-100124	Solid	2-Pentanone, 4-hydroxy-4-methyl *	94.900	A			
P4255-01	OR-03-100124	Solid	4H-Cyclopenta[def]phenanthrene *	350.000	J			
P4255-01	OR-03-100124	Solid	9,10-Dimethylanthracene *	140.000	J			
P4255-01	OR-03-100124	Solid	Anthracene, 2-methyl- *	190.000	J			
P4255-01	OR-03-100124	Solid	Benzophenone *	170.000	J			
P4255-01	OR-03-100124	Solid	Butane, 2-methoxy-2-methyl- *	1,700.000	J			
P4255-01	OR-03-100124	Solid	Cyclopenta(def)phenanthrenone *	100.000	J			
P4255-01	OR-03-100124	Solid	Phenanthrene, 2-methyl- *	140.000	J			
P4255-01	OR-03-100124	Solid	Pyrene, 1-methyl- *	96.200	J			
P4255-01	OR-03-100124	Solid	Pyrene, 2-methyl- *	100.000	J			
P4255-01	OR-03-100124	Solid	unknown12.469 *	120.000	J			
			Total Tics :	4,041.10				
P4255-01	OR-03-100124	Solid	Anthracene	240.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Benzo(a)anthracene	510.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Benzo(a)pyrene	480.000		130	230	ug/Kg
P4255-01	OR-03-100124	Solid	Benzo(b)fluoranthene	470.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Benzo(g,h,i)perylene	230.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Benzo(k)fluoranthene	240.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Chrysene	430.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Fluoranthene	1,100.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Fluorene	120.000	J	120	230	ug/Kg
P4255-01	OR-03-100124	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	110	230	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF100424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4255-01	OR-03-100124	Solid	Phenanthrene	750.000		110	230	ug/Kg
P4255-01	OR-03-100124	Solid	Pyrene	860.000		110	230	ug/Kg
Total Svoc :				5,610.00				
Total Concentration:				9,651.10				
Client ID : VNJ-240								
P4257-01	VNJ-240	Solid	2-Pentanone, 4-hydroxy-4-methyl *	100.000	A			
P4257-01	VNJ-240	Solid	Benzo[e]pyrene *	110.000	J			
P4257-01	VNJ-240	Solid	Benzophenone *	160.000	J			
P4257-01	VNJ-240	Solid	Butane, 2-methoxy-2-methyl- *	1,800.000	J			
P4257-01	VNJ-240	Solid	Heptacosane *	49.400	J			
P4257-01	VNJ-240	Solid	n-Hexadecanoic acid *	130.000	J			
Total Tics :				2,349.40				
P4257-01	VNJ-240	Solid	Benzo(a)anthracene	100.000	J	52	110	ug/Kg
P4257-01	VNJ-240	Solid	Benzo(a)pyrene	160.000		59.9	110	ug/Kg
P4257-01	VNJ-240	Solid	Benzo(b)fluoranthene	210.000		52.2	110	ug/Kg
P4257-01	VNJ-240	Solid	Benzo(g,h,i)perylene	99.800	J	51.6	110	ug/Kg
P4257-01	VNJ-240	Solid	Benzo(k)fluoranthene	79.400	J	53.2	110	ug/Kg
P4257-01	VNJ-240	Solid	Chrysene	130.000		51.2	110	ug/Kg
P4257-01	VNJ-240	Solid	Fluoranthene	130.000		52.6	110	ug/Kg
P4257-01	VNJ-240	Solid	Indeno(1,2,3-cd)pyrene	90.200	J	50.3	110	ug/Kg
P4257-01	VNJ-240	Solid	Pentachlorophenol	160.000	J	49.8	210	ug/Kg
P4257-01	VNJ-240	Solid	Pyrene	120.000		53.4	110	ug/Kg
Total Svoc :				1,279.40				
Total Concentration:				3,628.80				
Client ID : Chamberlain Ave								
P4258-04	Chamberlain Ave	water	Dimethylphtalate	31.300	J	9.3	50	ug/L
Total Svoc :				31.30				
Total Concentration:				31.30				
Client ID : AU-05-100224								
P4273-01	AU-05-100224	Solid	2-Pentanone, 4-hydroxy-4-methyl *	93.600	A			
P4273-01	AU-05-100224	Solid	Benzophenone *	260.000	J			
P4273-01	AU-05-100224	Solid	Butane, 2-methoxy-2-methyl- *	1,800.000	J			
P4273-01	AU-05-100224	Solid	Decane, 3,6-dimethyl- *	170.000	J			
P4273-01	AU-05-100224	Solid	Hexadecane, 2,6,10,14-tetramethy *	130.000	J			
Total Tics :				2,453.60				
P4273-01	AU-05-100224	Solid	Benzo(a)anthracene	120.000	J	100	220	ug/Kg
P4273-01	AU-05-100224	Solid	Benzo(a)pyrene	120.000	J	120	220	ug/Kg
P4273-01	AU-05-100224	Solid	Benzo(b)fluoranthene	140.000	J	100	220	ug/Kg
P4273-01	AU-05-100224	Solid	Chrysene	110.000	J	100	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF100424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4273-01	AU-05-100224	Solid	Fluoranthene	210.000	J	100	220	ug/Kg
P4273-01	AU-05-100224	Solid	Phenanthrene	120.000	J	110	220	ug/Kg
P4273-01	AU-05-100224	Solid	Pyrene	160.000	J	110	220	ug/Kg
Total Svoc :				980.00				
Total Concentration:				3,433.60				
Client ID : VNJ-208								
P4276-01	VNJ-208	Solid	1,4-Benzenedicarboxylic acid, bis *	450.000	J			
P4276-01	VNJ-208	Solid	2-Pentanone, 4-hydroxy-4-methyl *	100.000	A			
P4276-01	VNJ-208	Solid	Benzophenone *	330.000	J			
P4276-01	VNJ-208	Solid	Butane, 2-methoxy-2-methyl- *	2,000.000	J			
P4276-01	VNJ-208	Solid	Methanone, (1-hydroxycyclohexy *	100.000	J			
P4276-01	VNJ-208	Solid	n-Hexadecanoic acid *	130.000	J			
P4276-01	VNJ-208	Solid	Tridecane *	53.800	J			
P4276-01	VNJ-208	Solid	Tridecane, 5-propyl- *	67.100	J			
Total Tics :				3,230.90				
P4276-01	VNJ-208	Solid	Benzo(b)fluoranthene	79.800	J	55	120	ug/Kg
P4276-01	VNJ-208	Solid	Bis(2-ethylhexyl)phthalate	360.000		61.7	120	ug/Kg
P4276-01	VNJ-208	Solid	Chrysene	55.000	J	53.9	120	ug/Kg
P4276-01	VNJ-208	Solid	Fluoranthene	84.100	J	55.4	120	ug/Kg
P4276-01	VNJ-208	Solid	Pyrene	59.400	J	56.3	120	ug/Kg
Total Svoc :				638.30				
Total Concentration:				3,869.20				
Client ID : VNJ-208								
P4276-02	VNJ-208	water	Dimethylphthalate	70.500		9.3	50	ug/L
P4276-02	VNJ-208	water	Pentachlorophenol	34.200	J	18.5	100	ug/L
Total Svoc :				104.70				
Total Concentration:				104.70				
Client ID : BU-03-10022024								
P4277-01	BU-03-10022024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	81.600	A			
P4277-01	BU-03-10022024	Solid	Benzophenone *	260.000	J			
P4277-01	BU-03-10022024	Solid	Butane, 2-methoxy-2-methyl- *	1,600.000	J			
P4277-01	BU-03-10022024	Solid	Methanone, (1-hydroxycyclohexy *	43.100	J			
P4277-01	BU-03-10022024	Solid	n-Hexadecanoic acid *	120.000	J			
Total Tics :				2,104.70				
P4277-01	BU-03-10022024	Solid	Benzo(a)anthracene	67.500	J	51.4	110	ug/Kg
P4277-01	BU-03-10022024	Solid	Benzo(a)pyrene	80.500	J	59.3	110	ug/Kg
P4277-01	BU-03-10022024	Solid	Benzo(b)fluoranthene	81.600	J	51.7	110	ug/Kg
P4277-01	BU-03-10022024	Solid	Chrysene	66.200	J	50.7	110	ug/Kg
P4277-01	BU-03-10022024	Solid	Fluoranthene	67.400	J	52.1	110	ug/Kg



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BF100424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4277-01	BU-03-10022024	Solid	Pyrene	72.700	J	52.9	110	ug/Kg
Total Svoc :				435.90				
Total Concentration:				2,540.60				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF100124

SAS No.: BF100124

SDG No.: BF100124

Instrument ID:

Calibration Date(s): 10/1/2024

Calibration Time(s): 14:05

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.820	0.790	0.797	0.783	0.784	0.794	1.7
Pyridine		1.305	1.304	1.277	1.163	1.155	1.213	6.6
2-Fluorophenol		1.285	1.218	1.191	1.113	1.096	1.154	6.8
Benzaldehyde		1.008	1.014	0.926	0.787	0.727	0.822	19.7
Aniline		1.562	1.492	1.462	1.276	1.243	1.377	10.6
Phenol-d6		1.719	1.638	1.599	1.490	1.482	1.552	6.5
Phenol		1.798	1.748	1.691	1.602	1.548	1.632	7.3
bis(2-Chloroethyl)ether		1.356	1.331	1.264	1.258	1.236	1.329	9.4
2-Chlorophenol		1.326	1.337	1.289	1.191	1.180	1.236	6.4
1,2-Dichlorobenzene		1.469	1.429	1.393	1.278	1.256	1.320	8.3
1,3-Dichlorobenzene		1.527	1.477	1.450	1.346	1.330	1.391	6.8
1,4-Dichlorobenzene		1.592	1.510	1.451	1.348	1.341	1.409	8.0
Benzyl Alcohol		1.239	1.244	1.233	1.170	1.144	1.186	4.6
2-Methylphenol		1.105	1.073	1.068	1.010	0.992	1.032	4.8
2,2-oxybis(1-Chloropropane)		2.573	2.446	2.391	2.225	2.186	2.300	7.6
Acetophenone		0.530	0.505	0.494	0.451	0.447	0.475	7.4
3+4-Methylphenols		1.439	1.405	1.363	1.257	1.226	1.296	8.2
n-Nitroso-di-n-propylamine	1.024	1.073	1.066	1.030	0.959	0.932	0.998	5.8
Nitrobenzene-d5		0.420	0.411	0.406	0.382	0.382	0.395	4.4
Hexachloroethane		0.553	0.548	0.550	0.511	0.511	0.525	4.7
Nitrobenzene		0.427	0.424	0.421	0.397	0.391	0.409	3.6
Isophorone		0.766	0.728	0.713	0.675	0.662	0.702	5.2
2-Nitrophenol		0.174	0.172	0.181	0.178	0.175	0.176	2.0
2,4-Dimethylphenol		0.228	0.224	0.218	0.206	0.209	0.215	4.1
bis(2-Chloroethoxy)methane		0.459	0.438	0.433	0.403	0.401	0.419	5.9
2,4-Dichlorophenol		0.300	0.295	0.293	0.275	0.266	0.281	5.4
1,2,4-Trichlorobenzene		0.344	0.336	0.329	0.307	0.301	0.318	5.9
Benzoic acid		0.159	0.187	0.220	0.224	0.227	0.214	14.3
Naphthalene		1.144	1.090	1.074	0.982	0.962	1.023	7.8
4-Chloroaniline		0.382	0.367	0.361	0.340	0.330	0.346	7.2
Hexachlorobutadiene		0.223	0.216	0.216	0.197	0.198	0.205	6.1
Caprolactam		0.098	0.099	0.093	0.088	0.088	0.092	5.5
4-Chloro-3-methylphenol		0.345	0.335	0.331	0.303	0.300	0.318	5.9
2-Methylnaphthalene		0.764	0.718	0.694	0.639	0.620	0.666	9.1
Hexachlorocyclopentadiene		0.120	0.148	0.173	0.184	0.191	0.170	15.8
2,4,6-Trichlorophenol		0.395	0.383	0.391	0.366	0.362	0.374	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100124

SAS No.: BF100124

SDG No.: BF100124

Instrument ID: _____

Calibration Date(s): 10/1/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.547	1.443	1.373	1.228	1.203	1.303	11.8
2,4,5-Trichlorophenol		0.433	0.429	0.412	0.390	0.389	0.404	5.3
1,1-Biphenyl		1.680	1.619	1.556	1.416	1.400	1.488	8.7
2-Chloronaphthalene		1.225	1.193	1.156	1.074	1.067	1.115	6.8
2-Nitroaniline		0.401	0.400	0.409	0.394	0.397	0.400	1.4
Dimethylphthalate		1.471	1.387	1.342	1.249	1.249	1.309	7.2
Acenaphthylene		1.889	1.832	1.784	1.632	1.615	1.696	8.2
2,6-Dinitrotoluene		0.313	0.310	0.304	0.288	0.285	0.296	4.6
3-Nitroaniline		0.326	0.319	0.314	0.293	0.291	0.302	5.8
Acenaphthene		1.279	1.237	1.207	1.126	1.115	1.164	6.7
2,4-Dinitrophenol		0.122	0.136	0.164	0.164	0.176	0.159	13.5
4-Nitrophenol		0.230	0.233	0.237	0.228	0.231	0.230	2.7
Dibenzofuran		1.882	1.800	1.713	1.553	1.526	1.630	10.4
2,4-Dinitrotoluene		0.408	0.416	0.406	0.380	0.377	0.387	6.3
Diethylphthalate		1.530	1.451	1.397	1.289	1.290	1.352	8.2
4-Chlorophenyl-phenylether		0.750	0.728	0.689	0.607	0.604	0.650	11.1
Fluorene		1.524	1.436	1.358	1.222	1.212	1.298	11.0
4-Nitroaniline		0.340	0.326	0.323	0.298	0.298	0.309	6.8
4,6-Dinitro-2-methylphenol		0.095	0.105	0.114	0.120	0.116	0.113	8.7
n-Nitrosodiphenylamine		0.653	0.623	0.609	0.568	0.559	0.590	6.7
Azobenzene		1.509	1.451	1.415	1.313	1.296	1.360	7.2
2,4,6-Tribromophenol		0.212	0.208	0.200	0.187	0.182	0.193	7.1
4-Bromophenyl-phenylether		0.225	0.219	0.211	0.198	0.193	0.205	6.5
Hexachlorobenzene		0.251	0.238	0.233	0.220	0.215	0.228	6.1
Atrazine		0.189	0.185	0.164	0.132	0.121	0.158	19.4
Pentachlorophenol		0.127	0.132	0.139	0.140	0.135	0.135	3.9
Phenanthrene		1.071	1.024	0.976	0.904	0.883	0.943	8.9
Anthracene		1.078	0.987	0.978	0.896	0.875	0.933	9.1
Carbazole		1.013	0.968	0.946	0.867	0.852	0.896	9.2
Di-n-butylphthalate		1.194	1.155	1.143	1.069	1.042	1.090	7.1
Fluoranthene		1.217	1.139	1.111	0.993	0.958	1.031	12.3
Benzidine		0.478	0.458	0.335	0.346	0.240	0.353	26.4
Pyrene		1.799	1.737	1.801	1.817	1.746	1.789	2.6
Terphenyl-d14		1.296	1.236	1.228	1.209	1.176	1.219	4.0
Butylbenzylphthalate		0.624	0.609	0.645	0.649	0.646	0.640	3.1
3,3-Dichlorobenzidine		0.440	0.421	0.414	0.395	0.370	0.402	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.476	1.348	1.331	1.252	1.274	1.315	6.3
Chrysene		1.330	1.242	1.254	1.189	1.116	1.202	6.5
Bis(2-ethylhexyl)phthalate		0.748	0.746	0.796	0.816	0.813	0.799	4.8
Di-n-octyl phthalate		1.038	1.032	1.127	1.189	1.201	1.174	9.9
Benzo(b)fluoranthene		1.541	1.415	1.347	1.153	1.261	1.293	11.6
Benzo(k)fluoranthene		1.122	1.177	1.191	1.126	0.998	1.097	7.0
Benzo(a)pyrene		1.076	1.060	1.042	0.992	0.996	1.020	3.8
Indeno(1,2,3-cd)pyrene		1.021	1.065	1.202	1.210	1.220	1.177	8.1
Dibenzo(a,h)anthracene		0.850	0.898	0.988	1.008	1.014	0.976	7.6
Benzo(g,h,i)perylene		0.833	0.865	0.993	1.020	1.015	0.979	9.5
1,2,4,5-Tetrachlorobenzene		0.601	0.594	0.586	0.536	0.528	0.555	6.7
1,4-Dioxane		0.523	0.523	0.509	0.485	0.488	0.499	3.9
2,3,4,6-Tetrachlorophenol		0.358	0.338	0.339	0.315	0.314	0.326	6.1
1-Methylnaphthalene		0.739	0.708	0.677	0.624	0.610	0.651	8.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 09:29

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	114444	6.869	436939	8.15	248727	9.91
	UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
	LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
	EPA SAMPLE NO.						
01	PB163883BL	93658	6.86	358600	8.15	200684	9.90
02	PB163851TB	87365	6.86	332749	8.15	181182	9.90
03	PB163883BS	93801	6.86	355027	8.15	196147	9.90
04	TP-Q	98789	6.86	371769	8.15	209714	9.90
05	TP-QMS	90984	6.87	349150	8.15	193785	9.90
06	TP-QMSD	95221	6.87	355308	8.15	201553	9.90
07	PB163834BL	90160	6.86	339462	8.15	186833	9.90
08	PB163834BS	117167	6.86	442808	8.15	246870	9.90
09	Chamberlain Ave	92657	6.86	348932	8.15	193027	9.90
10	IB-2	92545	6.86	349687	8.15	193561	9.90
11	VNJ-208	85986	6.86	298415	8.15	63142 *	9.90
12	TP3	82545	6.86	311134	8.15	174219	9.90
13	TP1	78394	6.86	296763	8.15	164555	9.90
14	TP2	89006	6.86	335900	8.15	186685	9.90
15	MH-147-SLUDGE	87057	6.86	326640	8.15	176935	9.90
16	TP-5	84315	6.86	319378	8.15	172805	9.90
17	MH-147	89450	6.86	342471	8.15	186088	9.90
18	VNJ-240	93002	6.86	348759	8.15	179369	9.90
19	OR-03-100124	89085	6.86	314840	8.15	145091	9.90
20	AU-05-100224	90029	6.86	303514	8.15	140372	9.90
21	TP-QMSD	85435	6.87	300337	8.15	141928	9.90
22	TP-Q	80545	6.86	279132	8.15	129791	9.90
23	TP-QMS	85047	6.87	297861	8.15	139846	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 21:12

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	114444	6.869	436939	8.15	248727	9.91
UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
EPA SAMPLE NO.						
24 TP4	75998	6.86	264930	8.15	129157	9.90
25 TP4MS	87628	6.86	314605	8.15	153935	9.90
26 TP4MSD	87667	6.87	322185	8.15	158285	9.90
27 MH-147-SLUDGE	72785	6.86	255109	8.15	121946 *	9.90
28 VNJ-208	83069	6.86	283969	8.15	134086	9.90
29 BU-03-10022024	75696	6.86	259314	8.15	122342 *	9.90

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.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139644.D Time Analyzed: 09:29

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	94914	6.869	347321	8.15	190413	9.90
UPPER LIMIT	189828	7.369	694642	8.651	380826	10.404
LOWER LIMIT	47457	6.369	173660.5	7.651	95206.5	9.404
EPA SAMPLE NO.						
01 PB163883BL	93658	6.86	358600	8.15	200684	9.90
02 PB163851TB	87365	6.86	332749	8.15	181182	9.90
03 PB163883BS	93801	6.86	355027	8.15	196147	9.90
04 TP-Q	98789	6.86	371769	8.15	209714	9.90
05 TP-QMS	90984	6.87	349150	8.15	193785	9.90
06 TP-QMSD	95221	6.87	355308	8.15	201553	9.90

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.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139652.D Time Analyzed: 13:11

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	102462	6.863	379259	8.15	208025	9.90
	UPPER LIMIT	204924	7.363	758518	8.651	416050	10.404
	LOWER LIMIT	51231	6.363	189629.5	7.651	104012.5	9.404
	EPA SAMPLE NO.						
01	PB163834BL	90160	6.86	339462	8.15	186833	9.90
02	PB163834BS	117167	6.86	442808	8.15	246870	9.90
03	Chamberlain Ave	92657	6.86	348932	8.15	193027	9.90
04	IB-2	92545	6.86	349687	8.15	193561	9.90
05	VNJ-208	85986	6.86	298415	8.15	63142 *	9.90
06	TP3	82545	6.86	311134	8.15	174219	9.90
07	TP1	78394	6.86	296763	8.15	164555	9.90
08	TP2	89006	6.86	335900	8.15	186685	9.90
09	MH-147-SLUDGE	87057	6.86	326640	8.15	176935	9.90
10	TP-5	84315	6.86	319378	8.15	172805	9.90
11	MH-147	89450	6.86	342471	8.15	186088	9.90
12	VNJ-240	93002	6.86	348759	8.15	179369	9.90
13	OR-03-100124	89085	6.86	314840	8.15	145091	9.90
14	AU-05-100224	90029	6.86	303514	8.15	140372	9.90
15	TP-QMSD	85435	6.87	300337	8.15	141928	9.90
16	TP-Q	80545	6.86	279132	8.15	129791	9.90
17	TP-QMS	85047	6.87	297861	8.15	139846	9.90
18	TP4	75998	6.86	264930	8.15	129157	9.90
19	TP4MS	87628	6.86	314605	8.15	153935	9.90
20	TP4MSD	87667	6.87	322185	8.15	158285	9.90
21	MH-147-SLUDGE	72785	6.86	255109	8.15	121946	9.90
22	VNJ-208	83069	6.86	283969	8.15	134086	9.90
23	BU-03-10022024	75696	6.86	259314	8.15	122342	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139652.D Time Analyzed: 23:36

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	102462	6.863	379259	8.15	208025	9.90
UPPER LIMIT	204924	7.363	758518	8.651	416050	10.404
LOWER LIMIT	51231	6.363	189629.5	7.651	104012.5	9.404
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.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 09:29

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	459579	11.392	251487	14.033	218952	15.504
	UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
	LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
	EPA SAMPLE NO.						
01	PB163883BL	382052	11.39	212702	14.02	210145	15.49
02	PB163851TB	349179	11.39	203841	14.02	202861	15.49
03	PB163883BS	367991	11.39	195485	14.03	202104	15.49
04	TP-Q	395649	11.39	246363	14.02	252130	15.49
05	TP-QMS	357779	11.39	197147	14.03	213541	15.50
06	TP-QMSD	366474	11.39	196941	14.03	212758	15.50
07	PB163834BL	350629	11.39	196285	14.02	203754	15.49
08	PB163834BS	458622	11.39	232215	14.03	249587	15.50
09	Chamberlain Ave	361345	11.39	198886	14.02	200851	15.49
10	IB-2	356665	11.39	186755	14.02	195939	15.49
11	VNJ-208	197743 *	11.38	55716 *	14.02	3661 *	15.49
12	TP3	321488	11.39	183475	14.02	161151	15.49
13	TP1	302122	11.39	164050	14.02	148911	15.49
14	TP2	342927	11.39	182305	14.02	172581	15.49
15	MH-147-SLUDGE	321769	11.39	177972	14.02	166728	15.49
16	TP-5	307575	11.39	160160	14.02	174880	15.49
17	MH-147	331838	11.39	186521	14.02	200878	15.49
18	VNJ-240	278025	11.39	175438	14.02	192571	15.49
19	OR-03-100124	230651	11.38	169525	14.02	134169	15.50
20	AU-05-100224	239377	11.39	181695	14.02	141617	15.49
21	TP-QMSD	232157	11.39	162639	14.03	128559	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 20:16

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	459579	11.392	251487	14.033	218952	15.504
UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
EPA SAMPLE NO.						
22 TP-Q	216846 *	11.39	171607	14.02	131629	15.49
23 TP-QMS	230700	11.39	166417	14.03	135056	15.50
24 TP4	221724 *	11.39	171665	14.02	134551	15.49
25 TP4MS	240992	11.39	170279	14.03	132793	15.50
26 TP4MSD	253109	11.39	170633	14.03	138029	15.49
27 MH-147-SLUDGE	211862 *	11.39	164052	14.02	130714	15.49
28 VNJ-208	214316 *	11.39	147812	14.03	120429	15.51
29 BU-03-10022024	213196 *	11.39	153976	14.03	122841	15.49

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.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139644.D Time Analyzed: 09:29

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	346153	11.386	196860	14.027	223781	15.498
UPPER LIMIT	692306	11.886	393720	14.527	447562	15.998
LOWER LIMIT	173076.5	10.886	98430	13.527	111890.5	14.998
EPA SAMPLE NO.						
01 PB163883BL	382052	11.39	212702	14.02	210145	15.49
02 PB163851TB	349179	11.39	203841	14.02	202861	15.49
03 PB163883BS	367991	11.39	195485	14.03	202104	15.49
04 TP-Q	395649	11.39	246363	14.02	252130	15.49
05 TP-QMS	357779	11.39	197147	14.03	213541	15.50
06 TP-QMSD	366474	11.39	196941	14.03	212758	15.50

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.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139652.D Time Analyzed: 13:11

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	382146	11.386	210514	14.027	230633	15.498
	UPPER LIMIT	764292	11.886	421028	14.527	461266	15.998
	LOWER LIMIT	191073	10.886	105257	13.527	115316.5	14.998
	EPA SAMPLE NO.						
01	PB163834BL	350629	11.39	196285	14.02	203754	15.49
02	PB163834BS	458622	11.39	232215	14.03	249587	15.50
03	Chamberlain Ave	361345	11.39	198886	14.02	200851	15.49
04	IB-2	356665	11.39	186755	14.02	195939	15.49
05	VNJ-208	197743	11.38	55716 *	14.02	3661 *	15.49
06	TP3	321488	11.39	183475	14.02	161151	15.49
07	TP1	302122	11.39	164050	14.02	148911	15.49
08	TP2	342927	11.39	182305	14.02	172581	15.49
09	MH-147-SLUDGE	321769	11.39	177972	14.02	166728	15.49
10	TP-5	307575	11.39	160160	14.02	174880	15.49
11	MH-147	331838	11.39	186521	14.02	200878	15.49
12	VNJ-240	278025	11.39	175438	14.02	192571	15.49
13	OR-03-100124	230651	11.38	169525	14.02	134169	15.50
14	AU-05-100224	239377	11.39	181695	14.02	141617	15.49
15	TP-QMSD	232157	11.39	162639	14.03	128559	15.50
16	TP-Q	216846	11.39	171607	14.02	131629	15.49
17	TP-QMS	230700	11.39	166417	14.03	135056	15.50
18	TP4	221724	11.39	171665	14.02	134551	15.49
19	TP4MS	240992	11.39	170279	14.03	132793	15.50
20	TP4MSD	253109	11.39	170633	14.03	138029	15.49
21	MH-147-SLUDGE	211862	11.39	164052	14.02	130714	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100424 SAS No.: BF100424 SDG NO.: BF100424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BF139652.D Time Analyzed: 23:07

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	382146	11.386	210514	14.027	230633	15.498
UPPER LIMIT	764292	11.886	421028	14.527	461266	15.998
LOWER LIMIT	191073	10.886	105257	13.527	115316.5	14.998
EPA SAMPLE NO.						
22 VNJ-208	214316	11.39	147812	14.03	120429	15.51
23 BU-03-10022024	213196	11.39	153976	14.03	122841	15.49

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163834BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	320	ug/Kg	19				10	133	
	Aniline	1700	1300	ug/Kg	76				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	640	ug/Kg	38				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	4900	ug/Kg	148				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	930	ug/Kg	55				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	22800	ug/Kg	84				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163834BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119		
	Dibenzofuran	1700	1400	ug/Kg	82				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	2800	ug/Kg	82				60	106		
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99		
	Azobenzene	1700	1400	ug/Kg	82				54	103		
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				66	102		
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1700	ug/Kg	100				47	152		
	Pentachlorophenol	3300	2500	ug/Kg	76				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1300	ug/Kg	76				57	107		
	Benzidine	3300	2200	ug/Kg	67				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103		
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1400	ug/Kg	82				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135		
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137		
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109		
	Benzo(k)fluoranthene	1700	1300	ug/Kg	76				62	109		
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101		
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163883BS	n-Nitrosodimethylamine	50	47.9	ug/L	96				55	108	
	Pyridine	50	46.6	ug/L	93				29	97	
	Benzaldehyde	50	27.3	ug/L	55				10	162	
	Aniline	50	53.3	ug/L	107				10	130	
	Phenol	50	49.3	ug/L	99				66	118	
	bis(2-Chloroethyl)ether	50	45.1	ug/L	90				62	103	
	2-Chlorophenol	50	49.7	ug/L	99				70	117	
	1,2-Dichlorobenzene	50	46.5	ug/L	93				72	102	
	1,3-Dichlorobenzene	50	45.5	ug/L	91				71	103	
	1,4-Dichlorobenzene	50	45.7	ug/L	91				76	103	
	Benzyl Alcohol	50	48.8	ug/L	98		*		36	93	
	2-Methylphenol	50	47.8	ug/L	96				69	109	
	2,2-oxybis(1-Chloropropane)	50	47.9	ug/L	96				65	100	
	Acetophenone	50	46.5	ug/L	93				60	104	
	3+4-Methylphenols	50	47.6	ug/L	95				67	106	
	N-Nitroso-di-n-propylamine	50	46	ug/L	92				57	107	
	Hexachloroethane	50	46.3	ug/L	93				76	118	
	Nitrobenzene	50	45.4	ug/L	91				58	106	
	Isophorone	50	47.1	ug/L	94				61	102	
	2-Nitrophenol	50	49.2	ug/L	98				70	115	
	2,4-Dimethylphenol	50	57.7	ug/L	115				42	142	
	bis(2-Chloroethoxy)methane	50	46.4	ug/L	93				58	109	
	2,4-Dichlorophenol	50	47.7	ug/L	95				66	115	
	1,2,4-Trichlorobenzene	50	44.9	ug/L	90				41	115	
	Benzoic acid	50	44.9	ug/L	90				10	125	
	Naphthalene	50	46.7	ug/L	93				64	107	
	4-Chloroaniline	50	36.7	ug/L	73				10	85	
	Hexachlorobutadiene	50	45.1	ug/L	90				69	101	
	Caprolactam	50	47.9	ug/L	96				58	128	
	4-Chloro-3-methylphenol	50	47.4	ug/L	95				65	114	
	2-Methylnaphthalene	50	46.3	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	48.2	ug/L	96				61	110	
	2,4,5-Trichlorophenol	50	46.1	ug/L	92				70	106	
	1,1-Biphenyl	50	46.4	ug/L	93				72	98	
	2-Chloronaphthalene	50	46.9	ug/L	94				59	106	
	2-Nitroaniline	50	49.9	ug/L	100				73	114	
	Dimethylphthalate	50	48.9	ug/L	98				64	103	
	Acenaphthylene	50	50.5	ug/L	101				79	103	
	2,6-Dinitrotoluene	50	46.8	ug/L	94				64	110	
	3-Nitroaniline	50	39	ug/L	78				28	100	
	Acenaphthene	50	52.3	ug/L	105				59	113	
	Total PAH	800	797.5	ug/L	100				59	113	
	2,4-Dinitrophenol	100	96.3	ug/L	96				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163883BS	4-Nitrophenol	100	96.6	ug/L	97					45	147	
	Dibenzofuran	50	47.9	ug/L	96					65	106	
	2,4-Dinitrotoluene	50	48.7	ug/L	97					60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	95.5	ug/L	96					60	115	
	Diethylphthalate	50	47.7	ug/L	95					63	105	
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92					61	104	
	Fluorene	50	47.3	ug/L	95					64	107	
	4-Nitroaniline	50	47.9	ug/L	96					55	125	
	4,6-Dinitro-2-methylphenol	50	48.4	ug/L	97					62	132	
	N-Nitrosodiphenylamine	50	49	ug/L	98					61	109	
	Azobenzene	50	47.5	ug/L	95					59	106	
	4-Bromophenyl-phenylether	50	47	ug/L	94					73	103	
	Hexachlorobenzene	50	47.2	ug/L	94					73	106	
	Atrazine	50	60.8	ug/L	122		*			76	120	
	Pentachlorophenol	100	87.2	ug/L	87					47	114	
	Phenanthrene	50	49	ug/L	98					62	109	
	Anthracene	50	50	ug/L	100					65	110	
	Carbazole	50	47.8	ug/L	96					62	106	
	Di-n-butylphthalate	50	48.1	ug/L	96					64	106	
	Fluoranthene	50	45.5	ug/L	91					64	110	
	Benzidine	100	130	ug/L	130		*			10	94	
	Pyrene	50	49.5	ug/L	99					71	103	
	Butylbenzylphthalate	50	54.4	ug/L	109		*			61	105	
	3,3-Dichlorobenzidine	50	43.3	ug/L	87					43	108	
	Benzo(a)anthracene	50	50.8	ug/L	102					62	107	
	Chrysene	50	47.8	ug/L	96					61	108	
	bis(2-Ethylhexyl)phthalate	50	57.2	ug/L	114		*			59	110	
	Di-n-octyl phthalate	50	58.9	ug/L	118					52	139	
	Benzo(b)fluoranthene	50	42.9	ug/L	86					77	113	
	Benzo(k)fluoranthene	50	51.9	ug/L	104					77	105	
	Benzo(a)pyrene	50	52.8	ug/L	106					72	131	
	Indeno(1,2,3-cd)pyrene	50	55.7	ug/L	111		*			72	105	
	Dibenz(a,h)anthracene	50	54.8	ug/L	110					78	115	
	Benzo(g,h,i)perylene	50	50	ug/L	100					75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.8	ug/L	94					72	101	
	1,4-Dioxane	50	42.4	ug/L	85					38	125	
	2,3,4,6-Tetrachlorophenol	50	50.2	ug/L	100					63	116	
	1-Methylnaphthalene	50	44	ug/L	88					51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139662.D

Lab Sample ID: P4222-01

Instrument ID: BNA_F

Date Extracted: 09/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 17:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-5	P4222-01	BF139662.D	10/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139670.D

Lab Sample ID: P4236-01

Instrument ID: BNA_F

Date Extracted: 10/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 21:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP4	P4236-01	BF139670.D	10/04/2024
TP4MS	P4236-01MS	BF139671.D	10/04/2024
TP4MSD	P4236-01MSD	BF139672.D	10/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139658.D

Lab Sample ID: P4236-08

Instrument ID: BNA_F

Date Extracted: 10/01/2024

Matrix: (soil/water) water

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 15:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP3	P4236-08	BF139658.D	10/04/2024
TP1	P4236-12	BF139659.D	10/04/2024
TP2	P4236-16	BF139660.D	10/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163834BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139653.D

Lab Sample ID: PB163834BL

Instrument ID: BNA_F

Date Extracted: 10/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 13:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163834BS	PB163834BS	BF139654.D	10/04/2024
VNJ-240	P4257-01	BF139664.D	10/04/2024
OR-03-100124	P4255-01	BF139665.D	10/04/2024
MH-147-SLUDGE	P4254-01	BF139673.D	10/04/2024
TP-QMSD	P4242-01MSD	BF139667.D	10/04/2024
TP-Q	P4242-01	BF139668.D	10/04/2024
TP-QMS	P4242-01MS	BF139669.D	10/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-147

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139663.D

Lab Sample ID: P4254-05

Instrument ID: BNA_F

Date Extracted: 10/02/2024

Matrix: (soil/water) Water

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 17:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-147	P4254-05	BF139663.D	10/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

AU-05-100224

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139666.D

Lab Sample ID: P4273-01

Instrument ID: BNA_F

Date Extracted: 10/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 19:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
AU-05-100224	P4273-01	BF139666.D	10/04/2024
VNJ-208	P4276-01	BF139674.D	10/04/2024
BU-03-10022024	P4277-01	BF139675.D	10/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163883BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100424

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139645.D

Lab Sample ID: PB163883BL

Instrument ID: BNA_F

Date Extracted: 10/03/2024

Matrix: (soil/water) water

Date Analyzed: 10/04/2024

Level: (low/med) LOW

Time Analyzed: 09:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163851TB	PB163851TB	BF139646.D	10/04/2024
PB163883BS	PB163883BS	BF139647.D	10/04/2024
TP-Q	P4242-04	BF139648.D	10/04/2024
TP-QMS	P4242-04MS	BF139649.D	10/04/2024
TP-QMSD	P4242-04MSD	BF139650.D	10/04/2024
Chamberlain Ave	P4258-04	BF139655.D	10/04/2024
IB-2	P4270-04	BF139656.D	10/04/2024
VNJ-208	P4276-02	BF139657.D	10/04/2024
MH-147-SLUDGE	P4254-04	BF139661.D	10/04/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4236-01MS		Client Sample ID: TP4MS		DataFile: BF139671.D							
n-Nitrosodimethylamine	1000		1000	ug/Kg	100				66	124	
Pyridine	1000		980	ug/Kg	98				45	119	
Benzaldehyde	1000		570	ug/Kg	57				10	86	
Aniline	1000		630	ug/Kg	63				10	88	
Phenol	1000		980	ug/Kg	98				67	126	
bis(2-Chloroethyl)ether	1000		980	ug/Kg	98				54	125	
2-Chlorophenol	1000		1000	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1000		980	ug/Kg	98				61	105	
1,3-Dichlorobenzene	1000		970	ug/Kg	97				62	101	
1,4-Dichlorobenzene	1000		990	ug/Kg	99				63	104	
Benzyl Alcohol	1000		970	ug/Kg	97				47	126	
2-Methylphenol	1000		960	ug/Kg	96				66	122	
2,2-oxybis(1-Chloropropane)	1000		1000	ug/Kg	100				65	110	
Acetophenone	1000		1000	ug/Kg	100				75	111	
3+4-Methylphenols	1000		980	ug/Kg	98				66	104	
N-Nitroso-di-n-propylamine	1000		960	ug/Kg	96				59	119	
Hexachloroethane	1000		920	ug/Kg	92				65	117	
Nitrobenzene	1000		980	ug/Kg	98				70	119	
Isophorone	1000		1000	ug/Kg	100				76	122	
2-Nitrophenol	1000		1000	ug/Kg	100				54	145	
2,4-Dimethylphenol	1000		1200	ug/Kg	120				44	135	
bis(2-Chloroethoxy)methane	1000		1000	ug/Kg	100				68	112	
2,4-Dichlorophenol	1000		990	ug/Kg	99				72	118	
1,2,4-Trichlorobenzene	1000		960	ug/Kg	96				57	103	
Benzoic acid	1000		840	ug/Kg	84				50	104	
Naphthalene	1000		980	ug/Kg	98				72	110	
4-Chloroaniline	1000		160	ug/Kg	16				10	91	
Hexachlorobutadiene	1000		960	ug/Kg	96				66	114	
Caprolactam	1000		940	ug/Kg	94				51	134	
4-Chloro-3-methylphenol	1000		910	ug/Kg	91				57	132	
2-Methylnaphthalene	1000		940	ug/Kg	94				59	123	
Hexachlorocyclopentadiene	2100		1800	ug/Kg	86				10	175	
2,4,6-Trichlorophenol	1000		1000	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1000		990	ug/Kg	99				72	117	
1,1-Biphenyl	1000		1000	ug/Kg	100				75	113	
2-Chloronaphthalene	1000		1000	ug/Kg	100				67	118	
2-Nitroaniline	1000		1000	ug/Kg	100				69	127	
Dimethylphthalate	1000		1100	ug/Kg	110				70	113	
Acenaphthylene	1000		1100	ug/Kg	110				79	118	
2,6-Dinitrotoluene	1000		960	ug/Kg	96				70	125	
3-Nitroaniline	1000		620	ug/Kg	62				30	99	
Acenaphthene	1000		990	ug/Kg	99				70	121	
Total PAH	16000		15840	ug/Kg	99				70	121	
2,4-Dinitrophenol	2100		900	ug/Kg	43				10	155	
4-Nitrophenol	2100		1700	ug/Kg	81				45	133	
Dibenzofuran	1000		980	ug/Kg	98				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

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	2000		1890	ug/Kg	95				55	128	
2,4-Dinitrotoluene	1000		930	ug/Kg	93				55	128	
Diethylphthalate	1000		980	ug/Kg	98				70	112	
4-Chlorophenyl-phenylether	1000		940	ug/Kg	94				71	108	
Fluorene	1000		930	ug/Kg	93				68	116	
4-Nitroaniline	1000		750	ug/Kg	75				55	120	
4,6-Dinitro-2-methylphenol	1000		550	ug/Kg	55				10	160	
N-Nitrosodiphenylamine	1000		1100	ug/Kg	110				73	118	
Azobenzene	1000		940	ug/Kg	94				73	110	
4-Bromophenyl-phenylether	1000		1100	ug/Kg	110				65	121	
Hexachlorobenzene	1000		1000	ug/Kg	100				67	118	
Atrazine	1000		1300	ug/Kg	130	*			79	127	
Pentachlorophenol	2100		1800	ug/Kg	86				47	128	
Phenanthrene	1000		1000	ug/Kg	100				52	128	
Anthracene	1000		1100	ug/Kg	110				62	124	
Carbazole	1000		1000	ug/Kg	100				59	119	
Di-n-butylphthalate	1000		1100	ug/Kg	110				69	118	
Fluoranthene	1000		1000	ug/Kg	100				44	125	
Benzydine	2100		1900	ug/Kg	90				10	119	
Pyrene	1000		860	ug/Kg	86				26	142	
Butylbenzylphthalate	1000		1000	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1000		1100	ug/Kg	110				33	116	
Benzo(a)anthracene	1000		1000	ug/Kg	100				71	114	
Chrysene	1000		1000	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1000		1100	ug/Kg	110				42	169	
Di-n-octyl phthalate	1000		1300	ug/Kg	130				23	175	
Benzo(b)fluoranthene	1000		980	ug/Kg	98				67	121	
Benzo(k)fluoranthene	1000		1100	ug/Kg	110				57	134	
Benzo(a)pyrene	1000		1100	ug/Kg	110				70	142	
Indeno(1,2,3-cd)pyrene	1000		940	ug/Kg	94				40	129	
Dibenz(a,h)anthracene	1000		930	ug/Kg	93				43	123	
Benzo(g,h,i)perylene	1000		830	ug/Kg	83				24	125	
1,2,4,5-Tetrachlorobenzene	1000		1100	ug/Kg	110				69	124	
1,4-Dioxane	1000		1000	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1000		930	ug/Kg	93				69	112	
1-Methylnaphthalene	1000		900	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4236-01MSD	Client Sample ID:	TP4MSD					DataFile:	BF139672.D		
n-Nitrosodimethylamine	1000		1100	ug/Kg	110		10		66	124	20
Pyridine	1000		990	ug/Kg	99		1		45	119	20
Benzaldehyde	1000		570	ug/Kg	57		0		10	86	20
Aniline	1000		660	ug/Kg	66		5		10	88	20
Phenol	1000		1000	ug/Kg	100		2		67	126	20
bis(2-Chloroethyl)ether	1000		1000	ug/Kg	100		2		54	125	20
2-Chlorophenol	1000		1000	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	1000		1000	ug/Kg	100		2		61	105	20
1,3-Dichlorobenzene	1000		990	ug/Kg	99		2		62	101	20
1,4-Dichlorobenzene	1000		990	ug/Kg	99		0		63	104	20
Benzyl Alcohol	1000		990	ug/Kg	99		2		47	126	20
2-Methylphenol	1000		1000	ug/Kg	100		4		66	122	20
2,2-oxybis(1-Chloropropane)	1000		1000	ug/Kg	100		0		65	110	20
Acetophenone	1000		1000	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1000		990	ug/Kg	99		1		66	104	20
N-Nitroso-di-n-propylamine	1000		970	ug/Kg	97		1		59	119	20
Hexachloroethane	1000		930	ug/Kg	93		1		65	117	20
Nitrobenzene	1000		990	ug/Kg	99		1		70	119	20
Isophorone	1000		1000	ug/Kg	100		0		76	122	20
2-Nitrophenol	1000		1000	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1000		1200	ug/Kg	120		0		44	135	20
bis(2-Chloroethoxy)methane	1000		1000	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1000		990	ug/Kg	99		0		72	118	20
1,2,4-Trichlorobenzene	1000		960	ug/Kg	96		0		57	103	20
Benzoic acid	1000		860	ug/Kg	86		2		50	104	20
Naphthalene	1000		970	ug/Kg	97		1		72	110	20
4-Chloroaniline	1000		160	ug/Kg	16		0		10	91	20
Hexachlorobutadiene	1000		970	ug/Kg	97		1		66	114	20
Caprolactam	1000		950	ug/Kg	95		1		51	134	20
4-Chloro-3-methylphenol	1000		920	ug/Kg	92		1		57	132	20
2-Methylnaphthalene	1000		950	ug/Kg	95		1		59	123	20
Hexachlorocyclopentadiene	2100		1900	ug/Kg	90		5		10	175	20
2,4,6-Trichlorophenol	1000		1000	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1000		990	ug/Kg	99		0		72	117	20
1,1-Biphenyl	1000		1000	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1000		1000	ug/Kg	100		0		67	118	20
2-Nitroaniline	1000		1100	ug/Kg	110		10		69	127	20
Dimethylphthalate	1000		1100	ug/Kg	110		0		70	113	20
Acenaphthylene	1000		1100	ug/Kg	110		0		79	118	20
2,6-Dinitrotoluene	1000		970	ug/Kg	97		1		70	125	20
3-Nitroaniline	1000		620	ug/Kg	62		0		30	99	20
Acenaphthene	1000		1000	ug/Kg	100		1		70	121	20
Total PAH	16000		15970	ug/Kg	100		1		70	121	20
2,4-Dinitrophenol	2100		1000	ug/Kg	48		11		10	155	20
4-Nitrophenol	2100		1800	ug/Kg	86		6		45	133	20
Dibenzofuran	1000		990	ug/Kg	99		1		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

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	2000		1900	ug/Kg	95		0		55	128	20
2,4-Dinitrotoluene	1000		930	ug/Kg	93		0		55	128	20
Diethylphthalate	1000		1000	ug/Kg	100		2		70	112	20
4-Chlorophenyl-phenylether	1000		940	ug/Kg	94		0		71	108	20
Fluorene	1000		920	ug/Kg	92		1		68	116	20
4-Nitroaniline	1000		770	ug/Kg	77		3		55	120	20
4,6-Dinitro-2-methylphenol	1000		610	ug/Kg	61		10		10	160	20
N-Nitrosodiphenylamine	1000		1100	ug/Kg	110		0		73	118	20
Azobenzene	1000		960	ug/Kg	96		2		73	110	20
4-Bromophenyl-phenylether	1000		1100	ug/Kg	110		0		65	121	20
Hexachlorobenzene	1000		990	ug/Kg	99		1		67	118	20
Atrazine	1000		1300	ug/Kg	130	*	0		79	127	20
Pentachlorophenol	2100		1800	ug/Kg	86		0		47	128	20
Phenanthrene	1000		1000	ug/Kg	100		0		52	128	20
Anthracene	1000		1100	ug/Kg	110		0		62	124	20
Carbazole	1000		1000	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1000		1100	ug/Kg	110		0		69	118	20
Fluoranthene	1000		1000	ug/Kg	100		0		44	125	20
Benzydine	2100		1900	ug/Kg	90		0		10	119	20
Pyrene	1000		890	ug/Kg	89		3		26	142	20
Butylbenzylphthalate	1000		1100	ug/Kg	110		10		64	126	20
3,3-Dichlorobenzidine	1000		1100	ug/Kg	110		0		33	116	20
Benzo(a)anthracene	1000		1100	ug/Kg	110		10		71	114	20
Chrysene	1000		1000	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1000		1200	ug/Kg	120		9		42	169	20
Di-n-octyl phthalate	1000		1300	ug/Kg	130		0		23	175	20
Benzo(b)fluoranthene	1000		1000	ug/Kg	100		2		67	121	20
Benzo(k)fluoranthene	1000		1100	ug/Kg	110		0		57	134	20
Benzo(a)pyrene	1000		1100	ug/Kg	110		0		70	142	20
Indeno(1,2,3-cd)pyrene	1000		930	ug/Kg	93		1		40	129	20
Dibenz(a,h)anthracene	1000		930	ug/Kg	93		0		43	123	20
Benzo(g,h,i)perylene	1000		830	ug/Kg	83		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1000		1100	ug/Kg	110		0		69	124	20
1,4-Dioxane	1000		1000	ug/Kg	100		0		46	112	20
2,3,4,6-Tetrachlorophenol	1000		950	ug/Kg	95		2		69	112	20
1-Methylnaphthalene	1000		880	ug/Kg	88		2		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4242-01MS		Client Sample ID: TP-QMS		DataFile: BF139669.D							
n-Nitrosodimethylamine	1100		980	ug/Kg	89				66	124	
Pyridine	1100		910	ug/Kg	83				45	119	
Benzaldehyde	1100		520	ug/Kg	47				10	86	
Aniline	1100		790	ug/Kg	72				10	88	
Phenol	1100		960	ug/Kg	87				67	126	
bis(2-Chloroethyl)ether	1100		950	ug/Kg	86				54	125	
2-Chlorophenol	1100		970	ug/Kg	88				79	107	
1,2-Dichlorobenzene	1100		930	ug/Kg	85				61	105	
1,3-Dichlorobenzene	1100		930	ug/Kg	85				62	101	
1,4-Dichlorobenzene	1100		930	ug/Kg	85				63	104	
Benzyl Alcohol	1100		890	ug/Kg	81				47	126	
2-Methylphenol	1100		920	ug/Kg	84				66	122	
2,2-oxybis(1-Chloropropane)	1100		940	ug/Kg	85				65	110	
Acetophenone	1100		980	ug/Kg	89				75	111	
3+4-Methylphenols	1100		900	ug/Kg	82				66	104	
N-Nitroso-di-n-propylamine	1100		900	ug/Kg	82				59	119	
Hexachloroethane	1100		850	ug/Kg	77				65	117	
Nitrobenzene	1100		940	ug/Kg	85				70	119	
Isophorone	1100		940	ug/Kg	85				76	122	
2-Nitrophenol	1100		970	ug/Kg	88				54	145	
2,4-Dimethylphenol	1100		1100	ug/Kg	100				44	135	
bis(2-Chloroethoxy)methane	1100		950	ug/Kg	86				68	112	
2,4-Dichlorophenol	1100		950	ug/Kg	86				72	118	
1,2,4-Trichlorobenzene	1100		910	ug/Kg	83				57	103	
Benzoic acid	1100		770	ug/Kg	70				50	104	
Naphthalene	1100		930	ug/Kg	85				72	110	
4-Chloroaniline	1100		200	ug/Kg	18				10	91	
Hexachlorobutadiene	1100		910	ug/Kg	83				66	114	
Caprolactam	1100		870	ug/Kg	79				51	134	
4-Chloro-3-methylphenol	1100		850	ug/Kg	77				57	132	
2-Methylnaphthalene	1100		880	ug/Kg	80				59	123	
Hexachlorocyclopentadiene	2100		1400	ug/Kg	67				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		950	ug/Kg	86				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		990	ug/Kg	90				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		910	ug/Kg	83				70	125	
3-Nitroaniline	1100		670	ug/Kg	61				30	99	
Acenaphthene	1100		940	ug/Kg	85				70	121	
Total PAH	17600		15230	ug/Kg	87				70	121	
2,4-Dinitrophenol	2100		750	ug/Kg	36				10	155	
4-Nitrophenol	2100		1700	ug/Kg	81				45	133	
Dibenzofuran	1100		950	ug/Kg	86				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1800	ug/Kg	82				55	128	
2,4-Dinitrotoluene	1100		890	ug/Kg	81				55	128	
Diethylphthalate	1100		960	ug/Kg	87				70	112	
4-Chlorophenyl-phenylether	1100		900	ug/Kg	82				71	108	
Fluorene	1100		900	ug/Kg	82				68	116	
4-Nitroaniline	1100		730	ug/Kg	66				55	120	
4,6-Dinitro-2-methylphenol	1100		460	ug/Kg	42				10	160	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		990	ug/Kg	90				73	110	
4-Bromophenyl-phenylether	1100		980	ug/Kg	89				65	121	
Hexachlorobenzene	1100		940	ug/Kg	85				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2100	70.3	1800	ug/Kg	82				47	128	
Phenanthrene	1100		1000	ug/Kg	91				52	128	
Anthracene	1100		1000	ug/Kg	91				62	124	
Carbazole	1100		1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100		1000	ug/Kg	91				44	125	
Benzydine	2100		2200	ug/Kg	105				10	119	
Pyrene	1100		840	ug/Kg	76				26	142	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100				33	116	
Benzo(a)anthracene	1100		1000	ug/Kg	91				71	114	
Chrysene	1100		990	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				42	169	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				23	175	
Benzo(b)fluoranthene	1100		930	ug/Kg	85				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100		1000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	1100		900	ug/Kg	82				40	129	
Dibenz(a,h)anthracene	1100		900	ug/Kg	82				43	123	
Benzo(g,h,i)perylene	1100		800	ug/Kg	73				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		940	ug/Kg	85				46	112	
2,3,4,6-Tetrachlorophenol	1100		910	ug/Kg	83				69	112	
1-Methylnaphthalene	1100		830	ug/Kg	75				70	130	
n-Nitrosodimethylamine	500		490	ug/L	98				10	130	
Pyridine	500		420	ug/L	84				10	109	
Benzaldehyde	500		120	ug/L	24				10	137	
Aniline	500		230	ug/L	46				10	130	
Phenol	500		450	ug/L	90				10	130	
bis(2-Chloroethyl)ether	500		470	ug/L	94				29	141	
2-Chlorophenol	500		510	ug/L	102				23	127	
1,2-Dichlorobenzene	500		480	ug/L	96				61	114	
1,3-Dichlorobenzene	500		460	ug/L	92				65	106	
1,4-Dichlorobenzene	500		470	ug/L	94				55	125	
Benzyl Alcohol	500		500	ug/L	100	*			31	94	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2-Methylphenol	500		490	ug/L	98				37	126	
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98				36	141	
Acetophenone	500		480	ug/L	96				31	164	
3+4-Methylphenols	500		480	ug/L	96				31	127	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		460	ug/L	92				49	110	
Nitrobenzene	500		460	ug/L	92				62	112	
Isophorone	500		490	ug/L	98				39	146	
2-Nitrophenol	500		500	ug/L	100				30	148	
2,4-Dimethylphenol	500		600	ug/L	120				17	143	
bis(2-Chloroethoxy)methane	500		480	ug/L	96				39	143	
2,4-Dichlorophenol	500		500	ug/L	100				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		470	ug/L	94				10	101	
Naphthalene	500		480	ug/L	96				17	157	
4-Chloroaniline	500		77.4	ug/L	15				10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500		440	ug/L	88				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
2-Methylnaphthalene	500		480	ug/L	96				38	146	
Hexachlorocyclopentadiene	1000		1800	ug/L	180	*			20	153	
2,4,6-Trichlorophenol	500		500	ug/L	100				78	112	
2,4,5-Trichlorophenol	500		490	ug/L	98				71	111	
1,1-Biphenyl	500		480	ug/L	96				38	154	
2-Chloronaphthalene	500		480	ug/L	96				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		500	ug/L	100				42	147	
Acenaphthylene	500		520	ug/L	104				40	141	
2,6-Dinitrotoluene	500		490	ug/L	98				43	148	
3-Nitroaniline	500		190	ug/L	38				10	111	
Acenaphthene	500		550	ug/L	110				37	146	
Total PAH	8000		8140	ug/L	102				37	146	
2,4-Dinitrophenol	1000		1100	ug/L	110				14	167	
4-Nitrophenol	1000		940	ug/L	94				10	130	
Dibenzofuran	500		490	ug/L	98				41	145	
2,4-Dinitrotoluene	500		500	ug/L	100				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		990	ug/L	99				50	142	
Diethylphthalate	500		490	ug/L	98				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500		490	ug/L	98				39	144	
4-Nitroaniline	500		460	ug/L	92				27	138	
4,6-Dinitro-2-methylphenol	500		530	ug/L	106				32	175	
N-Nitrosodiphenylamine	500		510	ug/L	102				40	150	
Azobenzene	500		490	ug/L	98				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		480	ug/L	96				72	115	
Atrazine	500		560	ug/L	112				20	162	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	1000	70.3	1000	ug/L	93				25	139	
Phenanthrene	500		510	ug/L	102				40	147	
Anthracene	500		520	ug/L	104				41	146	
Carbazole	500		500	ug/L	100				37	154	
Di-n-butylphthalate	500		500	ug/L	100				40	151	
Fluoranthene	500		470	ug/L	94				42	146	
Benzidine	1000		140	ug/L	14				10	130	
Pyrene	500		500	ug/L	100				41	149	
Butylbenzylphthalate	500		560	ug/L	112				39	155	
3,3-Dichlorobenzidine	500		340	ug/L	68				10	114	
Benzo(a)anthracene	500		520	ug/L	104				41	147	
Chrysene	500		490	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	500		600	ug/L	120				33	160	
Di-n-octyl phthalate	500		620	ug/L	124				36	158	
Benzo(b)fluoranthene	500		490	ug/L	98				40	150	
Benzo(k)fluoranthene	500		460	ug/L	92				40	147	
Benzo(a)pyrene	500		530	ug/L	106				42	147	
Indeno(1,2,3-cd)pyrene	500		560	ug/L	112				30	166	
Dibenz(a,h)anthracene	500		550	ug/L	110				23	172	
Benzo(g,h,i)perylene	500		500	ug/L	100				27	167	
1,2,4,5-Tetrachlorobenzene	500		480	ug/L	96				89	102	
1,4-Dioxane	500		470	ug/L	94				38	130	
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104				91	111	
1-Methylnaphthalene	500		450	ug/L	90				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4242-01MSD	Client Sample ID:	TP-QMSD					DataFile:	BF139667.D		
n-Nitrosodimethylamine	1100		1100	ug/Kg	100	2			66	124	20
Pyridine	1100		940	ug/Kg	85	1			45	119	20
Benzaldehyde	1100		550	ug/Kg	50	70	*		10	86	20
Aniline	1100		740	ug/Kg	67	37	*		10	88	20
Phenol	1100		1000	ug/Kg	91	1			67	126	20
bis(2-Chloroethyl)ether	1100		980	ug/Kg	89	5			54	125	20
2-Chlorophenol	1100		1000	ug/Kg	91	11			79	107	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91	5			61	105	20
1,3-Dichlorobenzene	1100		980	ug/Kg	89	3			62	101	20
1,4-Dichlorobenzene	1100		980	ug/Kg	89	5			63	104	20
Benzyl Alcohol	1100		960	ug/Kg	87	14			47	126	20
2-Methylphenol	1100		970	ug/Kg	88	11			66	122	20
2,2-oxybis(1-Chloropropane)	1100		990	ug/Kg	90	9			65	110	20
Acetophenone	1100		1100	ug/Kg	100	4			75	111	20
3+4-Methylphenols	1100		970	ug/Kg	88	9			66	104	20
N-Nitroso-di-n-propylamine	1100		950	ug/Kg	86	11			59	119	20
Hexachloroethane	1100		910	ug/Kg	83	10			65	117	20
Nitrobenzene	1100		1000	ug/Kg	91	1			70	119	20
Isophorone	1100		1000	ug/Kg	91	7			76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91	9			54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109	10			44	135	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91	5			68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91	9			72	118	20
1,2,4-Trichlorobenzene	1100		950	ug/Kg	86	5			57	103	20
Benzoic acid	1100		870	ug/Kg	79	17			50	104	20
Naphthalene	1100		990	ug/Kg	90	6			72	110	20
4-Chloroaniline	1100		190	ug/Kg	17	13			10	91	20
Hexachlorobutadiene	1100		980	ug/Kg	89	1			66	114	20
Caprolactam	1100		940	ug/Kg	85	3			51	134	20
4-Chloro-3-methylphenol	1100		910	ug/Kg	83	15			57	132	20
2-Methylnaphthalene	1100		930	ug/Kg	85	12			59	123	20
Hexachlorocyclopentadiene	2100		1500	ug/Kg	71	87	*		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100	0			72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91	7			72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100	4			75	113	20
2-Chloronaphthalene	1100		1000	ug/Kg	91	5			67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100	0			69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100	0			70	113	20
Acenaphthylene	1100		1100	ug/Kg	100	4			79	118	20
2,6-Dinitrotoluene	1100		950	ug/Kg	86	13			70	125	20
3-Nitroaniline	1100		680	ug/Kg	62	48	*		30	99	20
Acenaphthene	1100		1000	ug/Kg	91	19			70	121	20
Total PAH	17600		16090	ug/Kg	91	11			70	121	20
2,4-Dinitrophenol	2100		930	ug/Kg	44	86	*		10	155	20
4-Nitrophenol	2100		1800	ug/Kg	86	9			45	133	20
Dibenzofuran	1100		1000	ug/Kg	91	7			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1890	ug/Kg	86		14		55	128	20
2,4-Dinitrotoluene	1100		940	ug/Kg	85		16		55	128	20
Diethylphthalate	1100		1000	ug/Kg	91		7		70	112	20
4-Chlorophenyl-phenylether	1100		950	ug/Kg	86		9		71	108	20
Fluorene	1100		940	ug/Kg	85		14		68	116	20
4-Nitroaniline	1100		780	ug/Kg	71		26	*	55	120	20
4,6-Dinitro-2-methylphenol	1100		550	ug/Kg	50		72	*	10	160	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		2		73	118	20
Azobenzene	1100		1100	ug/Kg	100		2		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		7		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		5		67	118	20
Atrazine	1100		1200	ug/Kg	109		3		79	127	20
Pentachlorophenol	2100	70.3	1800	ug/Kg	82		13		47	128	20
Phenanthrene	1100		1000	ug/Kg	91		11		52	128	20
Anthracene	1100		1100	ug/Kg	100		4		62	124	20
Carbazole	1100		1000	ug/Kg	91		9		59	119	20
Di-n-butylphthalate	1100		1100	ug/Kg	100		0		69	118	20
Fluoranthene	1100		1000	ug/Kg	91		3		44	125	20
Benzidine	2100		1900	ug/Kg	90		146	*	10	119	20
Pyrene	1100		880	ug/Kg	80		22	*	26	142	20
Butylbenzylphthalate	1100		1000	ug/Kg	91		21	*	64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		38	*	33	116	20
Benzo(a)anthracene	1100		1000	ug/Kg	91		13		71	114	20
Chrysene	1100		1000	ug/Kg	91		7		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		10		42	169	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		5		23	175	20
Benzo(b)fluoranthene	1100		970	ug/Kg	88		11		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		17		57	134	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		6		70	142	20
Indeno(1,2,3-cd)pyrene	1100		980	ug/Kg	89		23	*	40	129	20
Dibenz(a,h)anthracene	1100		960	ug/Kg	87		23	*	43	123	20
Benzo(g,h,i)perylene	1100		870	ug/Kg	79		23	*	24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		4		69	124	20
1,4-Dioxane	1100		980	ug/Kg	89		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		970	ug/Kg	88		17		69	112	20
1-Methylnaphthalene	1100		890	ug/Kg	81		11		70	130	20
n-Nitrosodimethylamine	500		480	ug/L	96		2		10	130	20
Pyridine	500		410	ug/L	82		2		10	109	20
Benzaldehyde	500		120	ug/L	24		0		10	137	20
Aniline	500		230	ug/L	46		0		10	130	20
Phenol	500		440	ug/L	88		2		10	130	20
bis(2-Chloroethyl)ether	500		460	ug/L	92		2		29	141	20
2-Chlorophenol	500		490	ug/L	98		4		23	127	20
1,2-Dichlorobenzene	500		460	ug/L	92		4		61	114	20
1,3-Dichlorobenzene	500		440	ug/L	88		4		65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		4		55	125	20
Benzyl Alcohol	500		490	ug/L	98	*	2		31	94	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2-Methylphenol	500		480	ug/L	96		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96		2		36	141	20
Acetophenone	500		480	ug/L	96		0		31	164	20
3+4-Methylphenols	500		470	ug/L	94		2		31	127	20
N-Nitroso-di-n-propylamine	500		470	ug/L	94		2		36	147	20
Hexachloroethane	500		460	ug/L	92		0		49	110	20
Nitrobenzene	500		470	ug/L	94		2		62	112	20
Isophorone	500		490	ug/L	98		0		39	146	20
2-Nitrophenol	500		500	ug/L	100		0		30	148	20
2,4-Dimethylphenol	500		600	ug/L	120		0		17	143	20
bis(2-Chloroethoxy)methane	500		480	ug/L	96		0		39	143	20
2,4-Dichlorophenol	500		500	ug/L	100		0		22	146	20
1,2,4-Trichlorobenzene	500		450	ug/L	90		0		66	110	20
Benzoic acid	500		480	ug/L	96		2		10	101	20
Naphthalene	500		470	ug/L	94		2		17	157	20
4-Chloroaniline	500		86.2	ug/L	17		13		10	95	20
Hexachlorobutadiene	500		450	ug/L	90		0		52	125	20
Caprolactam	500		440	ug/L	88		0		10	130	20
4-Chloro-3-methylphenol	500		480	ug/L	96		0		17	148	20
2-Methylnaphthalene	500		480	ug/L	96		0		38	146	20
Hexachlorocyclopentadiene	1000		1700	ug/L	170	*	6		20	153	20
2,4,6-Trichlorophenol	500		490	ug/L	98		2		78	112	20
2,4,5-Trichlorophenol	500		480	ug/L	96		2		71	111	20
1,1-Biphenyl	500		470	ug/L	94		2		38	154	20
2-Chloronaphthalene	500		470	ug/L	94		2		41	145	20
2-Nitroaniline	500		500	ug/L	100		0		39	151	20
Dimethylphthalate	500		490	ug/L	98		2		42	147	20
Acenaphthylene	500		510	ug/L	102		2		40	141	20
2,6-Dinitrotoluene	500		470	ug/L	94		4		43	148	20
3-Nitroaniline	500		190	ug/L	38		0		10	111	20
Acenaphthene	500		540	ug/L	108		2		37	146	20
Total PAH	8000		7970	ug/L	100		2		37	146	20
2,4-Dinitrophenol	1000		1100	ug/L	110		0		14	167	20
4-Nitrophenol	1000		910	ug/L	91		3		10	130	20
Dibenzofuran	500		480	ug/L	96		2		41	145	20
2,4-Dinitrotoluene	500		490	ug/L	98		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		960	ug/L	96		3		50	142	20
Diethylphthalate	500		480	ug/L	96		2		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		2		38	149	20
Fluorene	500		470	ug/L	94		4		39	144	20
4-Nitroaniline	500		450	ug/L	90		2		27	138	20
4,6-Dinitro-2-methylphenol	500		530	ug/L	106		0		32	175	20
N-Nitrosodiphenylamine	500		510	ug/L	102		0		40	150	20
Azobenzene	500		480	ug/L	96		2		72	112	20
4-Bromophenyl-phenylether	500		480	ug/L	96		2		42	151	20
Hexachlorobenzene	500		480	ug/L	96		0		72	115	20
Atrazine	500		560	ug/L	112		0		20	162	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	1000	70.3	1000	ug/L	93	0			25	139	20
Phenanthrene	500		500	ug/L	100	2			40	147	20
Anthracene	500		510	ug/L	102	2			41	146	20
Carbazole	500		490	ug/L	98	2			37	154	20
Di-n-butylphthalate	500		500	ug/L	100	0			40	151	20
Fluoranthene	500		460	ug/L	92	2			42	146	20
Benzidine	1000		150	ug/L	15	7			10	130	20
Pyrene	500		490	ug/L	98	2			41	149	20
Butylbenzylphthalate	500		550	ug/L	110	2			39	155	20
3,3-Dichlorobenzidine	500		340	ug/L	68	0			10	114	20
Benzo(a)anthracene	500		510	ug/L	102	2			41	147	20
Chrysene	500		490	ug/L	98	0			44	144	20
bis(2-Ethylhexyl)phthalate	500		580	ug/L	116	3			33	160	20
Di-n-octyl phthalate	500		600	ug/L	120	3			36	158	20
Benzo(b)fluoranthene	500		480	ug/L	96	2			40	150	20
Benzo(k)fluoranthene	500		440	ug/L	88	4			40	147	20
Benzo(a)pyrene	500		520	ug/L	104	2			42	147	20
Indeno(1,2,3-cd)pyrene	500		550	ug/L	110	2			30	166	20
Dibenz(a,h)anthracene	500		540	ug/L	108	2			23	172	20
Benzo(g,h,i)perylene	500		490	ug/L	98	2			27	167	20
1,2,4,5-Tetrachlorobenzene	500		470	ug/L	94	2			89	102	20
1,4-Dioxane	500		450	ug/L	90	4			38	130	20
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104	0			91	111	20
1-Methylnaphthalene	500		450	ug/L	90	0			25	151	20

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4222-01	TP-5	BF139662.D	2-Fluorophenol	150	128.38	86		18	112
			Phenol-d6	150	126.10	84		15	107
			Nitrobenzene-d5	100	85.26	85		18	107
			2-Fluorobiphenyl	100	85.02	85		20	109
			2,4,6-Tribromophenol	150	120.45	80		10	116
			Terphenyl-d14	100	83.64	84		10	105

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4236-01	TP4	BF139670.D	2-Fluorophenol	150	111.13	74		18	112
			Phenol-d6	150	105.89	71		15	107
			Nitrobenzene-d5	100	75.49	75		18	107
			2-Fluorobiphenyl	100	80.98	81		20	109
			2,4,6-Tribromophenol	150	96.76	65		10	116
			Terphenyl-d14	100	65.27	65		10	105
P4236-01MS	TP4MS	BF139671.D	2-Fluorophenol	150	89.46	60		18	112
			Phenol-d6	150	85.85	57		15	107
			Nitrobenzene-d5	100	61.53	62		18	107
			2-Fluorobiphenyl	100	66.33	66		20	109
			2,4,6-Tribromophenol	150	77.16	51		10	116
			Terphenyl-d14	100	55.45	55		10	105
P4236-01MSD	TP4MSD	BF139672.D	2-Fluorophenol	150	91.36	61		18	112
			Phenol-d6	150	88.52	59		15	107
			Nitrobenzene-d5	100	61.70	62		18	107
			2-Fluorobiphenyl	100	67.04	67		20	109
			2,4,6-Tribromophenol	150	79.08	53		10	116
			Terphenyl-d14	100	57.34	57		10	105

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4236-08	TP3	BF139658.D	2-Fluorophenol	150	152.44	102		10	139
			Phenol-d6	150	136.61	91		10	134
			Nitrobenzene-d5	100	113.15	113		49	133
			2-Fluorobiphenyl	100	109.74	110		52	132
			2,4,6-Tribromophenol	150	159.55	106		44	137
			Terphenyl-d14	100	110.38	110		48	125
P4236-12	TP1	BF139659.D	2-Fluorophenol	150	159.96	107		10	139
			Phenol-d6	150	148.78	99		10	134
			Nitrobenzene-d5	100	108.15	108		49	133
			2-Fluorobiphenyl	100	105.78	106		52	132
			2,4,6-Tribromophenol	150	157.16	105		44	137
			Terphenyl-d14	100	114.67	115		48	125
P4236-16	TP2	BF139660.D	2-Fluorophenol	150	155.52	104		10	139
			Phenol-d6	150	144.18	96		10	134
			Nitrobenzene-d5	100	104.64	105		49	133
			2-Fluorobiphenyl	100	102.12	102		52	132
			2,4,6-Tribromophenol	150	150.99	101		44	137
			Terphenyl-d14	100	112.44	112		48	125

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4242-01	TP-Q	BF139668.D	2-Fluorophenol	150	101.09	67		18	112
			Phenol-d6	150	94.54	63		15	107
			Nitrobenzene-d5	100	67.97	68		18	107
			2-Fluorobiphenyl	100	74.72	75		20	109
			2,4,6-Tribromophenol	150	86.39	58		10	116
			Terphenyl-d14	100	56.34	56		10	105
P4242-01MS	TP-QMS	BF139669.D	2-Fluorophenol	150	103.59	69		18	112
			Phenol-d6	150	99.09	66		15	107
			Nitrobenzene-d5	100	71.71	72		18	107
			2-Fluorobiphenyl	100	77.01	77		20	109
			2,4,6-Tribromophenol	150	92.75	62		10	116
			Terphenyl-d14	100	61.32	61		10	105
P4242-01MSD	TP-QMSD	BF139667.D	2-Fluorophenol	150	109.47	73		18	112
			Phenol-d6	150	105.58	70		15	107
			Nitrobenzene-d5	100	76.14	76		18	107
			2-Fluorobiphenyl	100	81.53	82		20	109
			2,4,6-Tribromophenol	150	97.09	65		10	116
			Terphenyl-d14	100	63.63	64		10	105
P4254-01	MH-147-SLUDGE	BF139673.D	2-Fluorophenol	150	53.55	36		18	112
			Phenol-d6	150	51.71	34		15	107
			Nitrobenzene-d5	100	34.52	35		18	107
			2-Fluorobiphenyl	100	34.45	34		20	109
			2,4,6-Tribromophenol	150	44.01	29		10	116
			Terphenyl-d14	100	21.54	22		10	105
P4255-01	OR-03-100124	BF139665.D	2-Fluorophenol	150	79.24	53		18	112
			Phenol-d6	150	75.00	50		15	107
			Nitrobenzene-d5	100	52.45	52		18	107
			2-Fluorobiphenyl	100	53.03	53		20	109
			2,4,6-Tribromophenol	150	62.42	42		10	116
			Terphenyl-d14	100	38.31	38		10	105
P4257-01	VNJ-240	BF139664.D	2-Fluorophenol	150	81.26	54		18	112
			Phenol-d6	150	79.66	53		15	107
			Nitrobenzene-d5	100	54.19	54		18	107
			2-Fluorobiphenyl	100	57.66	58		20	109
			2,4,6-Tribromophenol	150	66.93	45		10	116
			Terphenyl-d14	100	45.74	46		10	105
PB163834BL	PB163834BL	BF139653.D	2-Fluorophenol	150	132.09	88		18	112
			Phenol-d6	150	127.10	85		15	107
			Nitrobenzene-d5	100	87.37	87		18	107
			2-Fluorobiphenyl	100	88.24	88		20	109
			2,4,6-Tribromophenol	150	123.49	82		10	116
			Terphenyl-d14	100	95.92	96		10	105
PB163834BS	PB163834BS	BF139654.D	2-Fluorophenol	150	116.90	78		18	112
			Phenol-d6	150	114.16	76		15	107
			Nitrobenzene-d5	100	78.89	79		18	107
			2-Fluorobiphenyl	100	77.27	77		20	109
			2,4,6-Tribromophenol	150	111.68	74		10	116
			Terphenyl-d14	100	86.05	86		10	105

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4254-05	MH-147	BF139663.D	2-Fluorophenol	150	60.53	40		10	139
			Phenol-d6	150	39.68	26		10	134
			Nitrobenzene-d5	100	74.99	75		49	133
			2-Fluorobiphenyl	100	76.05	76		52	132
			2,4,6-Tribromophenol	150	115.09	77		44	137
			Terphenyl-d14	100	79.25	79		48	125

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4273-01	AU-05-100224	BF139666.D	2-Fluorophenol	150	83.05	55		18	112
			Phenol-d6	150	77.92	52		15	107
			Nitrobenzene-d5	100	56.88	57		18	107
			2-Fluorobiphenyl	100	63.17	63		20	109
			2,4,6-Tribromophenol	150	71.34	48		10	116
			Terphenyl-d14	100	50.56	51		10	105
P4276-01	VNJ-208	BF139674.D	2-Fluorophenol	150	78.06	52		18	112
			Phenol-d6	150	75.16	50		15	107
			Nitrobenzene-d5	100	55.45	55		18	107
			2-Fluorobiphenyl	100	59.79	60		20	109
			2,4,6-Tribromophenol	150	63.99	43		10	116
			Terphenyl-d14	100	49.20	49		10	105
P4277-01	BU-03-10022024	BF139675.D	2-Fluorophenol	150	70.61	47		18	112
			Phenol-d6	150	65.86	44		15	107
			Nitrobenzene-d5	100	47.58	48		18	107
			2-Fluorobiphenyl	100	50.38	50		20	109
			2,4,6-Tribromophenol	150	60.19	40		10	116
			Terphenyl-d14	100	41.49	41		10	105

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4242-04	TP-Q	BF139648.D	2-Fluorophenol	150	131.74	88		10	139
			Phenol-d6	150	118.35	79		10	134
			Nitrobenzene-d5	100	98.06	98		49	133
			2-Fluorobiphenyl	100	93.10	93		52	132
			2,4,6-Tribromophenol	150	140.40	94		44	137
			Terphenyl-d14	100	84.40	84		48	125
P4242-04MS	TP-QMS	BF139649.D	2-Fluorophenol	150	134.63	90		10	139
			Phenol-d6	150	125.09	83		10	134
			Nitrobenzene-d5	100	94.36	94		49	133
			2-Fluorobiphenyl	100	92.73	93		52	132
			2,4,6-Tribromophenol	150	136.24	91		44	137
			Terphenyl-d14	100	92.29	92		48	125
P4242-04MSD	TP-QMSD	BF139650.D	2-Fluorophenol	150	130.81	87		10	139
			Phenol-d6	150	122.56	82		10	134
			Nitrobenzene-d5	100	95.26	95		49	133
			2-Fluorobiphenyl	100	90.75	91		52	132
			2,4,6-Tribromophenol	150	134.27	90		44	137
			Terphenyl-d14	100	92.50	92		48	125
P4254-04	MH-147-SLUDGE	BF139661.D	2-Fluorophenol	150	136.78	91		10	139
			Phenol-d6	150	123.89	83		10	134
			Nitrobenzene-d5	100	98.58	99		49	133
			2-Fluorobiphenyl	100	98.46	98		52	132
			2,4,6-Tribromophenol	150	138.66	92		44	137
			Terphenyl-d14	100	101.25	101		48	125
P4258-04	Chamberlain Ave	BF139655.D	2-Fluorophenol	150	137.72	92		10	139
			Phenol-d6	150	126.58	84		10	134
			Nitrobenzene-d5	100	102.47	102		49	133
			2-Fluorobiphenyl	100	99.72	100		52	132
			2,4,6-Tribromophenol	150	143.48	96		44	137
			Terphenyl-d14	100	95.80	96		48	125
P4270-04	IB-2	BF139656.D	2-Fluorophenol	150	137.22	91		10	139
			Phenol-d6	150	123.25	82		10	134
			Nitrobenzene-d5	100	101.06	101		49	133
			2-Fluorobiphenyl	100	97.53	98		52	132
			2,4,6-Tribromophenol	150	142.54	95		44	137
			Terphenyl-d14	100	108.77	109		48	125
P4276-02	VNJ-208	BF139657.D	2-Fluorophenol	150	134.39	90		10	139
			Phenol-d6	150	58.67	39		10	134
			Nitrobenzene-d5	100	109.86	110		49	133
			2-Fluorobiphenyl	100	275.68	276	*	52	132
			2,4,6-Tribromophenol	150	397.38	265	*	44	137
			Terphenyl-d14	100	221.37	221	*	48	125
PB163851TB	PB163851TB	BF139646.D	2-Fluorophenol	150	140.82	94		10	139
			Phenol-d6	150	137.04	91		10	134
			Nitrobenzene-d5	100	92.14	92		49	133
			2-Fluorobiphenyl	100	94.83	95		52	132
			2,4,6-Tribromophenol	150	133.83	89		44	137
			Terphenyl-d14	100	98.33	98		48	125
PB163883BL	PB163883BL	BF139645.D	2-Fluorophenol	150	136.51	91		10	139

Surrogate Summary

SW-846

SDG No.: **BF100424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163883BL	PB163883BL	BF139645.D	Phenol-d6	150	133.95	89		10	134
			Nitrobenzene-d5	100	90.30	90		49	133
			2-Fluorobiphenyl	100	90.18	90		52	132
			2,4,6-Tribromophenol	150	129.57	86		44	137
			Terphenyl-d14	100	99.15	99		48	125
PB163883BS	PB163883BS	BF139647.D	2-Fluorophenol	150	136.67	91		10	139
			Phenol-d6	150	133.90	89		10	134
			Nitrobenzene-d5	100	90.91	91		49	133
			2-Fluorobiphenyl	100	90.39	90		52	132
			2,4,6-Tribromophenol	150	135.12	90		44	137
			Terphenyl-d14	100	98.60	99		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100424

Lab Code: CHEM

SAS No.: BF100424

SDG NO.: BF100424

Lab File ID: BF139643.D

DFTPP Injection Date: 10/04/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	41
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	48.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	94.9
443	15.0 - 24.0% of mass 442	18.5 (19.5) 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	BF139644.D	10/04/2024	09:01
PB163883BL	PB163883BL	BF139645.D	10/04/2024	09:29
PB163851TB	PB163851TB	BF139646.D	10/04/2024	09:56
PB163883BS	PB163883BS	BF139647.D	10/04/2024	10:24
TP-Q	P4242-04	BF139648.D	10/04/2024	10:52
TP-QMS	P4242-04MS	BF139649.D	10/04/2024	11:19
TP-QMSD	P4242-04MSD	BF139650.D	10/04/2024	11:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100424

Lab Code: CHEM

SAS No.: BF100424 SDG NO.: BF100424

Lab File ID: BF139651.D

DFTPP Injection Date: 10/04/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	41.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	95
443	15.0 - 24.0% of mass 442	18.3 (19.3) 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	BF139652.D	10/04/2024	12:43
PB163834BL	PB163834BL	BF139653.D	10/04/2024	13:11
PB163834BS	PB163834BS	BF139654.D	10/04/2024	13:39
Chamberlain Ave	P4258-04	BF139655.D	10/04/2024	14:07
IB-2	P4270-04	BF139656.D	10/04/2024	14:34
VNJ-208	P4276-02	BF139657.D	10/04/2024	15:03
TP3	P4236-08	BF139658.D	10/04/2024	15:32
TP1	P4236-12	BF139659.D	10/04/2024	16:00
TP2	P4236-16	BF139660.D	10/04/2024	16:29
MH-147-SLUDGE	P4254-04	BF139661.D	10/04/2024	16:58
TP-5	P4222-01	BF139662.D	10/04/2024	17:26
MH-147	P4254-05	BF139663.D	10/04/2024	17:55
VNJ-240	P4257-01	BF139664.D	10/04/2024	18:23
OR-03-100124	P4255-01	BF139665.D	10/04/2024	18:51
AU-05-100224	P4273-01	BF139666.D	10/04/2024	19:19
TP-QMSD	P4242-01MSD	BF139667.D	10/04/2024	19:48
TP-Q	P4242-01	BF139668.D	10/04/2024	20:16
TP-QMS	P4242-01MS	BF139669.D	10/04/2024	20:44

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100424

Lab Code: CHEM

SAS No.: BF100424

SDG NO.: BF100424

Lab File ID: BF139651.D

DFTPP Injection Date: 10/04/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	41.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	95
443	15.0 - 24.0% of mass 442	18.3 (19.3) 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
TP4	P4236-01	BF139670.D	10/04/2024	21:12
TP4MS	P4236-01MS	BF139671.D	10/04/2024	21:41
TP4MSD	P4236-01MSD	BF139672.D	10/04/2024	22:09
MH-147-SLUDGE	P4254-01	BF139673.D	10/04/2024	22:38
VNJ-208	P4276-01	BF139674.D	10/04/2024	23:07
BU-03-10022024	P4277-01	BF139675.D	10/04/2024	23:36