

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF093024 SAS No.: BF093024 SDG No.: BF093024

Instrument ID: BNA_F Calibration Date/Time: 9/30/2024 11:03

Lab File ID: BF139570.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	0.940	0.804		-14.468	
Pyridine	1.084	1.183		9.133	
2-Fluorophenol	1.226	1.143		-6.77	
Benzaldehyde	0.930	1.148		23.441	
Aniline	1.214	1.289		6.178	
Phenol-d6	1.609	1.528		-5.034	
Phenol	1.639	1.613		-1.586	20.0
bis(2-Chloroethyl) ether	1.246	1.213		-2.648	
2-Chlorophenol	1.262	1.222		-3.17	
1,2-Dichlorobenzene	1.370	1.286		-6.131	
1,3-Dichlorobenzene	1.435	1.360		-5.226	
1,4-Dichlorobenzene	1.450	1.404		-3.172	20.0
Benzyl Alcohol	1.284	1.162		-9.502	
2-Methylphenol	1.003	1.010		0.698	
2,2-oxybis(1-Chloropropane)	1.920	2.160		12.5	
Acetophenone	0.523	0.477		-8.795	
3+4-Methylphenols	1.368	1.264		-7.602	
n-Nitroso-di-n-propylamine	0.954	0.932	0.050	-2.306	
Nitrobenzene-d5	0.425	0.397		-6.588	
Hexachloroethane	0.552	0.507		-8.152	
Nitrobenzene	0.438	0.406		-7.306	
Isophorone	0.673	0.675		0.297	
2-Nitrophenol	0.171	0.177		3.509	20.0
2,4-Dimethylphenol	0.225	0.223		-0.889	
bis(2-Chloroethoxy) methane	0.383	0.398		3.916	
2,4-Dichlorophenol	0.286	0.283		-1.049	20.0
1,2,4-Trichlorobenzene	0.333	0.318		-4.505	
Benzoic acid	0.211	0.215		1.896	
Naphthalene	1.044	1.013		-2.969	
4-Chloroaniline	0.319	0.338		5.956	
Hexachlorobutadiene	0.226	0.203		-10.177	20.0
Caprolactam	0.088	0.093		5.682	
4-Chloro-3-methylphenol	0.327	0.314		-3.976	20.0
2-Methylnaphthalene	0.663	0.647		-2.413	
Hexachlorocyclopentadiene	0.207	0.170	0.050	-17.874	
2,4,6-Trichlorophenol	0.386	0.364		-5.699	20.0
2-Fluorobiphenyl	1.426	1.285		-9.888	
2,4,5-Trichlorophenol	0.407	0.392		-3.686	
1,1-Biphenyl	1.539	1.472		-4.353	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF093024 SAS No.: BF093024 SDG No.: BF093024

Instrument ID: BNA_F Calibration Date/Time: 9/30/2024 11:03

Lab File ID: BF139570.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	1.150	1.100		-4.348	
2-Nitroaniline	0.428	0.408		-4.673	
Dimethylphthalate	1.313	1.271		-3.199	
Acenaphthylene	1.732	1.677		-3.176	
2,6-Dinitrotoluene	0.291	0.296		1.718	
3-Nitroaniline	0.291	0.288		-1.031	
Acenaphthene	1.209	1.141		-5.624	20.0
2,4-Dinitrophenol	0.162	0.149	0.050	-8.025	
4-Nitrophenol	0.240	0.224	0.050	-6.667	
Dibenzofuran	1.685	1.599		-5.104	
2,4-Dinitrotoluene	0.393	0.384		-2.29	
Diethylphthalate	1.355	1.288		-4.945	
4-Chlorophenyl-phenylether	0.668	0.620		-7.186	
Fluorene	1.375	1.262		-8.218	
4-Nitroaniline	0.317	0.288		-9.148	
4,6-Dinitro-2-methylphenol	0.106	0.113		6.604	
n-Nitrosodiphenylamine	0.585	0.584		-0.171	20.0
Azobenzene	1.332	1.296		-2.703	
2,4,6-Tribromophenol	0.213	0.186		-12.676	
4-Bromophenyl-phenylether	0.198	0.199		0.505	
Hexachlorobenzene	0.233	0.219		-6.009	
Atrazine	0.139	0.154		10.791	
Pentachlorophenol	0.140	0.130		-7.143	20.0
Phenanthrene	0.965	0.928		-3.834	
Anthracene	0.943	0.913		-3.181	
Carbazole	0.903	0.876		-2.99	
Di-n-butylphthalate	1.006	1.048		4.175	
Fluoranthene	1.030	0.956		-7.184	20.0
Benzidine	0.287	0.268		-6.62	
Pyrene	1.717	1.927		12.231	
Terphenyl-d14	1.218	1.279		5.008	
Butylbenzylphthalate	0.585	0.663		13.333	
3,3-Dichlorobenzidine	0.388	0.390		0.515	
Benzo(a)anthracene	1.325	1.313		-0.906	
Chrysene	1.219	1.208		-0.902	
Bis(2-ethylhexyl)phthalate	0.744	0.864		16.129	
Di-n-octyl phthalate	1.095	1.234		12.694	20.0
Benzo(b)fluoranthene	1.233	1.155		-6.326	
Benzo(k)fluoranthene	1.137	1.083		-4.749	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF093024 SAS No.: BF093024 SDG No.: BF093024

Instrument ID: BNA_F Calibration Date/Time: 9/30/2024 11:03

Lab File ID: BF139570.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	1.023	1.004		-1.857	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.276		7.317	
Dibenzo(a,h)anthracene	0.983	1.053		7.121	
Benzo(g,h,i)perylene	0.973	1.089		11.922	
1,2,4,5-Tetrachlorobenzene	0.593	0.555		-6.408	
1,4-Dioxane	0.492	0.488		-0.813	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.303		-9.821	
1-Methylnaphthalene	0.651	0.632		-2.919	

All other compounds must meet a minimum RRF of 0.010.

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:	PB163737BL	SDG No.:	BF093024
Lab Sample ID:	PB163737BL	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
BF139571.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

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:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163737BL	SDG No.:	BF093024
Lab Sample ID:	PB163737BL	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
BF139571.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

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

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PB163737BL	SDG No.:	BF093024
Lab Sample ID:	PB163737BL	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
BF139571.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

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	135.063		18-112		90	SPK: -150
13127-88-3	Phenol-d6	135.116		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	89.651		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	89.236		20-109		89	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:	PB163737BL	SDG No.:	BF093024
Lab Sample ID:	PB163737BL	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
BF139571.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.429		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	92.523		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82770	6.863				
1146-65-2	Naphthalene-d8	311479	8.145				
15067-26-2	Acenaphthene-d10	172182	9.898				
1517-22-2	Phenanthrene-d10	337555	11.38				
1719-03-5	Chrysene-d12	226019	14.015				
1520-96-3	Perylene-d12	171195	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.21	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.104	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	100	J			16.98	

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:	PB163737BS	SDG No.:	BF093024
Lab Sample ID:	PB163737BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139572.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1800		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	400		180	270	330	ug/Kg
62-53-3	Aniline	2000		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1800		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1800		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1700		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1000		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	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:	PB163737BS	SDG No.:	BF093024
Lab Sample ID:	PB163737BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139572.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1800		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81	130	170	ug/Kg
Total PAH	Total PAH	28600		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1800		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2400		91.3	130	170	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:	PB163737BS	SDG No.:	BF093024
Lab Sample ID:	PB163737BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139572.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1800		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	3100	E	160	270	330	ug/Kg
129-00-0	Pyrene	1900		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1800		80.6	130	170	ug/Kg
218-01-9	Chrysene	1800		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	135.699		18-112		90	SPK: -150
13127-88-3	Phenol-d6	135.969		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	90.534		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	90.214		20-109		90	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:	PB163737BS	SDG No.:	BF093024
Lab Sample ID:	PB163737BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139572.D	1	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.736		10-116		88	SPK: -150
1718-51-0	Terphenyl-d14	107.435	*	10-105		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77604	6.869				
1146-65-2	Naphthalene-d8	287808	8.145				
15067-26-2	Acenaphthene-d10	160186	9.898				
1517-22-2	Phenanthrene-d10	313408	11.386				
1719-03-5	Chrysene-d12	166700	14.021				
1520-96-3	Perylene-d12	155284	15.48				

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BL	SDG No.:	BF093024
Lab Sample ID:	PB163743BL	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
BF139573.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BL	SDG No.:	BF093024
Lab Sample ID:	PB163743BL	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
BF139573.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BL	SDG No.:	BF093024
Lab Sample ID:	PB163743BL	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
BF139573.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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	129.802		10-139		87	SPK: -150
13127-88-3	Phenol-d6	128.782		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.483		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	82.611		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BL	SDG No.:	BF093024
Lab Sample ID:	PB163743BL	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
BF139573.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.14		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	90.38		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86253	6.863				
1146-65-2	Naphthalene-d8	322285	8.145				
15067-26-2	Acenaphthene-d10	183027	9.898				
1517-22-2	Phenanthrene-d10	358280	11.38				
1719-03-5	Chrysene-d12	224095	14.015				
1520-96-3	Perylene-d12	180273	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5.5	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.1	A			5.098	

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BS	SDG No.:	BF093024
Lab Sample ID:	PB163743BS	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
BF139574.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.9		1	8	10	ug/L
110-86-1	Pyridine	57.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.5		4	8	10	ug/L
62-53-3	Aniline	63.4		1.6	4	5	ug/L
108-95-2	Phenol	53.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	54.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	50.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	49.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	49.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	54.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	63.6		1.4	4	5	ug/L
98-86-2	Acetophenone	47.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	49.2		1	4	5	ug/L
98-95-3	Nitrobenzene	47.2		1.3	4	5	ug/L
78-59-1	Isophorone	55		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	55.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	65.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	55.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	47		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.7		5.5	8	10	ug/L
91-20-3	Naphthalene	51.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	37.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BS	SDG No.:	BF093024
Lab Sample ID:	PB163743BS	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
BF139574.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	52.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	52.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	52.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	49.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	53		0.93	4	5	ug/L
208-96-8	Acenaphthylene	55.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	52		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	41.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	56.6		0.81	4	5	ug/L
Total PAH	Total PAH	870.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	52		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	53.4		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	50.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	53.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.1		0.98	4	5	ug/L
86-73-7	Fluorene	49.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	53.1		0.89	4	5	ug/L
103-33-3	Azobenzene	54.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	49.9		1.1	4	5	ug/L
1912-24-9	Atrazine	72.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BS	SDG No.:	BF093024
Lab Sample ID:	PB163743BS	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
BF139574.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	52.9		0.89	4	5	ug/L
120-12-7	Anthracene	55.6		1.1	4	5	ug/L
86-74-8	Carbazole	52.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	56.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	51.4		1.3	4	5	ug/L
92-87-5	Benzidine	120	E	4.1	8	10	ug/L
129-00-0	Pyrene	58.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	63.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	44.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	54.8		0.94	4	5	ug/L
218-01-9	Chrysene	54.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	65.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	63.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	57.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	52.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	48.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	49.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.54		10-139		94	SPK: -150
13127-88-3	Phenol-d6	142.064		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	94.361		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	92.119		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163743BS	SDG No.:	BF093024
Lab Sample ID:	PB163743BS	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
BF139574.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.525		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	109.777		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77016	6.869				
1146-65-2	Naphthalene-d8	288772	8.145				
15067-26-2	Acenaphthene-d10	163496	9.898				
1517-22-2	Phenanthrene-d10	317453	11.386				
1719-03-5	Chrysene-d12	166546	14.021				
1520-96-3	Perylene-d12	153390	15.48				

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163688TB	SDG No.:	BF093024
Lab Sample ID:	PB163688TB	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
BF139575.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163688TB	SDG No.:	BF093024
Lab Sample ID:	PB163688TB	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
BF139575.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163688TB	SDG No.:	BF093024
Lab Sample ID:	PB163688TB	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
BF139575.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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	133.956		10-139		89	SPK: -150
13127-88-3	Phenol-d6	133.807		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	88.454		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.432		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163688TB	SDG No.:	BF093024
Lab Sample ID:	PB163688TB	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
BF139575.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.757		44-137		80	SPK: -150
1718-51-0	Terphenyl-d14	96.197		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84791	6.863				
1146-65-2	Naphthalene-d8	318811	8.145				
15067-26-2	Acenaphthene-d10	176538	9.898				
1517-22-2	Phenanthrene-d10	343782	11.38				
1719-03-5	Chrysene-d12	215192	14.015				
1520-96-3	Perylene-d12	169799	15.48				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-02	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
BF139576.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139576.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-02	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
BF139576.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	42.7	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	430		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.184		10-139		83	SPK: -150
13127-88-3	Phenol-d6	115.93		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	90.566		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	86.939		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-02	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
BF139576.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.581		44-137		81	SPK: -150
1718-51-0	Terphenyl-d14	96.81		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62731	6.869				
1146-65-2	Naphthalene-d8	231002	8.145				
15067-26-2	Acenaphthene-d10	125058	9.898				
1517-22-2	Phenanthrene-d10	224316	11.38				
1719-03-5	Chrysene-d12	137273	14.015				
1520-96-3	Perylene-d12	116260	15.474				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-04	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
BF139577.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-04	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
BF139577.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-04	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
BF139577.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	24.4	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	129.53		10-139		86	SPK: -150
13127-88-3	Phenol-d6	121.722		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	93.759		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	89.043		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-04	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
BF139577.D	1	8/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.86		44-137		83	SPK: -150
1718-51-0	Terphenyl-d14	99.371		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61591	6.863				
1146-65-2	Naphthalene-d8	231289	8.145				
15067-26-2	Acenaphthene-d10	126816	9.898				
1517-22-2	Phenanthrene-d10	234185	11.38				
1719-03-5	Chrysene-d12	139781	14.015				
1520-96-3	Perylene-d12	116485	15.474				



Client:				Date Collected:	9/26/2024 12:00:00 AM	
Project:				Date Received:	9/26/2024 12:00:00 AM	
Client Sample ID:	HD-02-092624			SDG No.:	BF093024	
Lab Sample ID:	P4213-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.3	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139578.D	2	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	460	ug/Kg
62-53-3	Aniline	130	U	130	180	240	ug/Kg
108-95-2	Phenol	110	U	110	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.8	U	55.8	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	460	ug/Kg
91-20-3	Naphthalene	110	U	110	180	240	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	HD-02-092624	SDG No.:	BF093024
Lab Sample ID:	P4213-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139578.D	2	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	370	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.8	U	98.8	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	6830	U	1820	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	370	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	HD-02-092624	SDG No.:	BF093024
Lab Sample ID:	P4213-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF139578.D	2	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	460	ug/Kg
85-01-8	Phenanthrene	580		120	180	240	ug/Kg
120-12-7	Anthracene	160	J	120	180	240	ug/Kg
86-74-8	Carbazole	110	U	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	1300		110	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	370	460	ug/Kg
129-00-0	Pyrene	1000		110	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	460	ug/Kg
56-55-3	Benzo(a)anthracene	680		110	180	240	ug/Kg
218-01-9	Chrysene	620		110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		110	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	690		130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.294		18-112		54	SPK: -150
13127-88-3	Phenol-d6	81.912		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	53.024		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	54.988		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	HD-02-092624	SDG No.:	BF093024
Lab Sample ID:	P4213-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF139578.D	2	9/27/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	41.034		10-116		27	SPK: -150
1718-51-0	Terphenyl-d14	44.616		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63487	6.863				
1146-65-2	Naphthalene-d8	238403	8.145				
15067-26-2	Acenaphthene-d10	123083	9.898				
1517-22-2	Phenanthrene-d10	192756	11.38				
1719-03-5	Chrysene-d12	135528	14.016				
1520-96-3	Perylene-d12	112158	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			10.604	
000629-50-5	Tridecane	92.7	J			10.798	
000057-10-3	n-Hexadecanoic acid	690	J			11.904	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			11.992	
000057-11-4	Octadecanoic acid	1600	J			12.692	
033543-31-6	Fluoranthene, 2-methyl-	120	J			13.145	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			13.857	
001560-84-5	Eicosane, 2-methyl-	99.2	J			14.786	
000192-97-2	Benzo[e]pyrene	340	J			15.351	
053584-60-4	28-Nor-17.alpha.(H)-hopane	320	J			16.18	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139579.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.9	U	52.9	86	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	86	110	ug/Kg
108-95-2	Phenol	54.9	U	54.9	86	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.4	U	55.4	86	110	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	86	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56	U	56	86	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9	U	56.9	86	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	86	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	86	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.2	U	60.2	86	110	ug/Kg
98-86-2	Acetophenone	57.5	U	57.5	86	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.8	U	52.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	86	110	ug/Kg
98-95-3	Nitrobenzene	60.1	U	60.1	86	110	ug/Kg
78-59-1	Isophorone	56	U	56	86	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	86	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.7	U	61.7	86	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.8	U	56.8	86	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	86	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.5	U	56.5	86	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	86	110	ug/Kg
106-47-8	4-Chloroaniline	54.7	U	54.7	86	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	86	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139579.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.3	U	51.3	86	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.6	U	54.6	86	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	86	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	86	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	86	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	86	110	ug/Kg
88-74-4	2-Nitroaniline	62.9	U	62.9	86	110	ug/Kg
131-11-3	Dimethylphthalate	54.1	U	54.1	86	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	86	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.1	U	55.1	86	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	86	110	ug/Kg
83-32-9	Acenaphthene	53.7	U	53.7	86	110	ug/Kg
Total PAH	Total PAH	876.9	U	876.9	86	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.8	U	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	86	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.1	U	112.1	86	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	86	110	ug/Kg
84-66-2	Diethylphthalate	53	U	53	86	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	86	110	ug/Kg
86-73-7	Fluorene	56.6	U	56.6	86	110	ug/Kg
100-01-6	4-Nitroaniline	70.8	U	70.8	86	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.4	U	77.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54	U	54	86	110	ug/Kg
103-33-3	Azobenzene	52.7	U	52.7	86	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	86	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	86	110	ug/Kg
1912-24-9	Atrazine	60.5	U	60.5	86	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139579.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.2	U	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	100	J	55.6	86	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	86	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	86	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.8	U	55.8	86	110	ug/Kg
206-44-0	Fluoranthene	88.5	J	54.1	86	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.9	U	54.9	86	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.1	U	64.1	86	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.4	U	53.4	86	110	ug/Kg
218-01-9	Chrysene	52.6	U	52.6	86	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.2	U	60.2	86	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.8	U	72.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.7	U	53.7	86	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.7	U	54.7	86	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.5	U	61.5	86	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.7	U	51.7	86	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	86	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	86	110	ug/Kg
123-91-1	1,4-Dioxane	72.8	U	72.8	86	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	86	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.1	U	55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.027		18-112		52	SPK: -150
13127-88-3	Phenol-d6	80.767		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	52.817		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	56.684		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF093024
Lab Sample ID:	P4192-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139579.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	43.367		10-116		29	SPK: -150
1718-51-0	Terphenyl-d14	44.402		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58569	6.863				
1146-65-2	Naphthalene-d8	213883	8.145				
15067-26-2	Acenaphthene-d10	105336	9.898				
1517-22-2	Phenanthrene-d10	165239	11.38				
1719-03-5	Chrysene-d12	122435	14.016				
1520-96-3	Perylene-d12	107169	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	81.8	J			3.322	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	80.1	A			5.069	
000770-35-4	1-Phenoxypropan-2-ol	52.9	J			8.457	
000057-10-3	n-Hexadecanoic acid	110	J			11.904	
000057-11-4	Octadecanoic acid	320	J			12.686	
000112-88-9	1-Octadecene	73.5	J			13.863	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	68.8	J			14.639	
000638-66-4	Octadecanal	260	J			14.933	
000629-92-5	Nonadecane	70.4	J			15.121	
006971-40-0	17-Pentatriacontene	190	J			15.168	
007390-81-0	Oxirane, hexadecyl-	97.5	J			15.704	
000544-76-3	Hexadecane	130	J			15.933	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139580.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	51.9	U	51.9	84.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63	U	63	84.5	110	ug/Kg
108-95-2	Phenol	53.9	U	53.9	84.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.4	U	54.4	84.5	110	ug/Kg
95-57-8	2-Chlorophenol	54.3	U	54.3	84.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.9	U	55.9	84.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.5	110	ug/Kg
100-51-6	Benzyl Alcohol	53.9	U	53.9	180	210	ug/Kg
95-48-7	2-Methylphenol	52.4	U	52.4	84.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.1	U	59.1	84.5	110	ug/Kg
98-86-2	Acetophenone	56.5	U	56.5	84.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.9	U	51.9	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52	52	ug/Kg
67-72-1	Hexachloroethane	53.9	U	53.9	84.5	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.5	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.5	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.6	U	60.6	84.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.8	U	55.8	84.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.1	U	49.1	84.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.5	U	55.5	84.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.5	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.1	U	54.1	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139580.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.4	U	50.4	84.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.1	U	48.1	84.5	110	ug/Kg
92-52-4	1,1-Biphenyl	56.8	U	56.8	84.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.1	U	54.1	84.5	110	ug/Kg
88-74-4	2-Nitroaniline	61.7	U	61.7	84.5	110	ug/Kg
131-11-3	Dimethylphthalate	53.1	U	53.1	84.5	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.1	U	54.1	84.5	110	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	84.5	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.5	110	ug/Kg
Total PAH	Total PAH	4521.9	U	861.4	84.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.4	U	75.4	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	84.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.1	U	110.1	84.5	220	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.6	U	55.6	84.5	110	ug/Kg
86-73-7	Fluorene	55.6	U	55.6	84.5	110	ug/Kg
100-01-6	4-Nitroaniline	69.5	U	69.5	84.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53	U	53	84.5	110	ug/Kg
103-33-3	Azobenzene	51.7	U	51.7	84.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.3	U	51.3	84.5	110	ug/Kg
118-74-1	Hexachlorobenzene	55.2	U	55.2	84.5	110	ug/Kg
1912-24-9	Atrazine	59.4	U	59.4	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139580.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.2	U	50.2	180	210	ug/Kg
85-01-8	Phenanthrene	270		54.6	84.5	110	ug/Kg
120-12-7	Anthracene	65.9	J	54.9	84.5	110	ug/Kg
86-74-8	Carbazole	52.2	U	52.2	84.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	84.5	110	ug/Kg
206-44-0	Fluoranthene	780		53.1	84.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	540		53.9	84.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.9	U	62.9	84.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.1	U	64.1	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	430		52.5	84.5	110	ug/Kg
218-01-9	Chrysene	480		51.7	84.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130		59.1	84.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.5	U	71.5	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		52.7	84.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		53.7	84.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	420		60.4	84.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		50.8	84.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	J	52.8	84.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		52.1	84.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.5	110	ug/Kg
123-91-1	1,4-Dioxane	71.5	U	71.5	84.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.1	U	54.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.919		18-112		47	SPK: -150
13127-88-3	Phenol-d6	72.462		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	48.881		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	52.394		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355	SDG No.:	BF093024
Lab Sample ID:	P4192-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139580.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	42.052		10-116		28	SPK: -150
1718-51-0	Terphenyl-d14	43.235		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61155	6.863				
1146-65-2	Naphthalene-d8	224586	8.145				
15067-26-2	Acenaphthene-d10	110883	9.898				
1517-22-2	Phenanthrene-d10	168577	11.38				
1719-03-5	Chrysene-d12	124012	14.016				
1520-96-3	Perylene-d12	100901	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.310	65	J			3.31	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	82.8	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	52	J			8.457	
000057-10-3	n-Hexadecanoic acid	320	J			11.904	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			11.992	
005737-13-3	Cyclopenta(def)phenanthrenone	46.6	J			12.516	
000057-11-4	Octadecanoic acid	890	J			12.692	
002381-21-7	Pyrene, 1-methyl-	65.4	J			13.145	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	56.3	J			13.763	
000479-79-8	11H-Benzo[a]fluoren-11-one	73.7	J			13.863	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	540	J			14.639	
000593-45-3	Octadecane	93.2	J			15.121	
000205-99-2	Benzo[b]fluoranthene	190	J			15.163	
000192-97-2	Benzo[e]pyrene	290	J			15.357	
000630-02-4	Octacosane	130	J			15.933	
	unknown16.733	63.9	J			16.733	
	unknown18.545	110	J			18.545	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222RE	SDG No.:	BF093024
Lab Sample ID:	P4192-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139581.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.9	U	52.9	86	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	86	110	ug/Kg
108-95-2	Phenol	54.9	U	54.9	86	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.4	U	55.4	86	110	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	86	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56	U	56	86	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9	U	56.9	86	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	86	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	86	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.2	U	60.2	86	110	ug/Kg
98-86-2	Acetophenone	57.5	U	57.5	86	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.8	U	52.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	86	110	ug/Kg
98-95-3	Nitrobenzene	60.1	U	60.1	86	110	ug/Kg
78-59-1	Isophorone	56	U	56	86	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	86	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.7	U	61.7	86	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.8	U	56.8	86	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	86	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.5	U	56.5	86	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	86	110	ug/Kg
106-47-8	4-Chloroaniline	54.7	U	54.7	86	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	86	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222RE	SDG No.:	BF093024
Lab Sample ID:	P4192-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139581.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.3	U	51.3	86	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.6	U	54.6	86	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	86	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	86	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	86	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	86	110	ug/Kg
88-74-4	2-Nitroaniline	62.9	U	62.9	86	110	ug/Kg
131-11-3	Dimethylphthalate	54.1	U	54.1	86	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	86	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.1	U	55.1	86	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	86	110	ug/Kg
83-32-9	Acenaphthene	53.7	U	53.7	86	110	ug/Kg
Total PAH	Total PAH	876.9	U	876.9	86	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.8	U	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	86	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	86	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.1	U	112.1	86	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	86	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	86	110	ug/Kg
86-73-7	Fluorene	56.6	U	56.6	86	110	ug/Kg
100-01-6	4-Nitroaniline	70.8	U	70.8	86	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.4	U	77.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54	U	54	86	110	ug/Kg
103-33-3	Azobenzene	52.7	U	52.7	86	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	86	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	86	110	ug/Kg
1912-24-9	Atrazine	60.5	U	60.5	86	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222RE	SDG No.:	BF093024
Lab Sample ID:	P4192-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139581.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.2	U	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	110		55.6	86	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	86	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	86	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.8	U	55.8	86	110	ug/Kg
206-44-0	Fluoranthene	87	J	54.1	86	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.5	J	54.9	86	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.1	U	64.1	86	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.4	U	53.4	86	110	ug/Kg
218-01-9	Chrysene	52.6	U	52.6	86	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.2	U	60.2	86	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.8	U	72.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.7	U	53.7	86	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.7	U	54.7	86	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.5	U	61.5	86	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.7	U	51.7	86	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	86	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	86	110	ug/Kg
123-91-1	1,4-Dioxane	72.8	U	72.8	86	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	86	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.1	U	55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.238		18-112		53	SPK: -150
13127-88-3	Phenol-d6	82.168		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	52.826		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	56.15		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	VNJ-222RE	SDG No.:	BF093024
Lab Sample ID:	P4192-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139581.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	49.175		10-116		33	SPK: -150
1718-51-0	Terphenyl-d14	47.104		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56610	6.863				
1146-65-2	Naphthalene-d8	213487	8.145				
15067-26-2	Acenaphthene-d10	108016	9.898				
1517-22-2	Phenanthrene-d10	172298	11.38				
1719-03-5	Chrysene-d12	121964	14.015				
1520-96-3	Perylene-d12	93963	15.474				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355RE	SDG No.:	BF093024
Lab Sample ID:	P4192-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139582.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	51.9	U	51.9	84.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63	U	63	84.5	110	ug/Kg
108-95-2	Phenol	53.9	U	53.9	84.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.4	U	54.4	84.5	110	ug/Kg
95-57-8	2-Chlorophenol	54.3	U	54.3	84.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.9	U	55.9	84.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.5	110	ug/Kg
100-51-6	Benzyl Alcohol	53.9	U	53.9	180	210	ug/Kg
95-48-7	2-Methylphenol	52.4	U	52.4	84.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.1	U	59.1	84.5	110	ug/Kg
98-86-2	Acetophenone	56.5	U	56.5	84.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.9	U	51.9	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52	52	ug/Kg
67-72-1	Hexachloroethane	53.9	U	53.9	84.5	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.5	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.5	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.6	U	60.6	84.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.8	U	55.8	84.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.1	U	49.1	84.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.5	U	55.5	84.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.5	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.1	U	54.1	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355RE	SDG No.:	BF093024
Lab Sample ID:	P4192-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139582.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.4	U	50.4	84.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.1	U	48.1	84.5	110	ug/Kg
92-52-4	1,1-Biphenyl	56.8	U	56.8	84.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.1	U	54.1	84.5	110	ug/Kg
88-74-4	2-Nitroaniline	61.7	U	61.7	84.5	110	ug/Kg
131-11-3	Dimethylphthalate	53.1	U	53.1	84.5	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.1	U	54.1	84.5	110	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	84.5	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.5	110	ug/Kg
Total PAH	Total PAH	4571.9	U	861.4	84.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.4	U	75.4	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.1	U	110.1	84.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	84.5	110	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.6	U	55.6	84.5	110	ug/Kg
86-73-7	Fluorene	55.6	U	55.6	84.5	110	ug/Kg
100-01-6	4-Nitroaniline	69.5	U	69.5	84.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53	U	53	84.5	110	ug/Kg
103-33-3	Azobenzene	51.7	U	51.7	84.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.3	U	51.3	84.5	110	ug/Kg
118-74-1	Hexachlorobenzene	55.2	U	55.2	84.5	110	ug/Kg
1912-24-9	Atrazine	59.4	U	59.4	84.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355RE	SDG No.:	BF093024
Lab Sample ID:	P4192-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	50.06	Units:	g
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
BF139582.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.2	U	50.2	180	210	ug/Kg
85-01-8	Phenanthrene	270		54.6	84.5	110	ug/Kg
120-12-7	Anthracene	75.1	J	54.9	84.5	110	ug/Kg
86-74-8	Carbazole	52.2	U	52.2	84.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	84.5	110	ug/Kg
206-44-0	Fluoranthene	800		53.1	84.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	550		53.9	84.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.9	U	62.9	84.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.1	U	64.1	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	430		52.5	84.5	110	ug/Kg
218-01-9	Chrysene	480		51.7	84.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120		59.1	84.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.5	U	71.5	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	750		52.7	84.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		53.7	84.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	420		60.4	84.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		50.8	84.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66.8	J	52.8	84.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240		52.1	84.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.5	110	ug/Kg
123-91-1	1,4-Dioxane	71.5	U	71.5	84.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.1	U	54.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.757		18-112		48	SPK: -150
13127-88-3	Phenol-d6	73.155		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	49.173		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	54.323		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	ETGI-355RE	SDG No.:	BF093024
Lab Sample ID:	P4192-03RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
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
BF139582.D	1	9/26/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	47.904		10-116		32	SPK: -150
1718-51-0	Terphenyl-d14	44.175		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53808	6.863				
1146-65-2	Naphthalene-d8	196758	8.145				
15067-26-2	Acenaphthene-d10	95761	9.898				
1517-22-2	Phenanthrene-d10	151388	11.38				
1719-03-5	Chrysene-d12	111773	14.015				
1520-96-3	Perylene-d12	85703	15.48				

Hit Summary Sheet SW-846

SDG No.: BF093024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : VNJ-222								
P4192-01	VNJ-222	Solid	(S)-(+)-1,2-Propanediol	*	81.800	J		
P4192-01	VNJ-222	Solid	1,4-Benzenedicarboxylic acid, bis	*	68.800	J		
P4192-01	VNJ-222	Solid	1-Octadecene	*	73.500	J		
P4192-01	VNJ-222	Solid	1-Phenoxypropan-2-ol	*	52.900	J		
P4192-01	VNJ-222	Solid	17-Pentatriacontene	*	190.000	J		
P4192-01	VNJ-222	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	80.100	A		
P4192-01	VNJ-222	Solid	Hexadecane	*	130.000	J		
P4192-01	VNJ-222	Solid	n-Hexadecanoic acid	*	110.000	J		
P4192-01	VNJ-222	Solid	Nonadecane	*	70.400	J		
P4192-01	VNJ-222	Solid	Octadecanal	*	260.000	J		
P4192-01	VNJ-222	Solid	Octadecanoic acid	*	320.000	J		
P4192-01	VNJ-222	Solid	Oxirane, hexadecyl-	*	97.500	J		
			Total Tics :		1,535.00			
P4192-01	VNJ-222	Solid	Fluoranthene		88.500	J	54.1	110 ug/Kg
P4192-01	VNJ-222	Solid	Phenanthrene		100.000	J	55.6	110 ug/Kg
			Total Svoc :		188.50			
			Total Concentration:		1,723.50			
Client ID : VNJ-222RE								
P4192-01RE	VNJ-222RE	Solid	Fluoranthene		87.000	J	54.1	110 ug/Kg
P4192-01RE	VNJ-222RE	Solid	Phenanthrene		110.000		55.6	110 ug/Kg
P4192-01RE	VNJ-222RE	Solid	Pyrene		55.500	J	54.9	110 ug/Kg
			Total Svoc :		252.50			
			Total Concentration:		252.50			
Client ID : VNJ-222								
P4192-02	VNJ-222	water	Benzidine		430.000		40.7	100 ug/L
P4192-02	VNJ-222	water	Pentachlorophenol		42.700	J	18.5	100 ug/L
			Total Svoc :		472.70			
			Total Concentration:		472.70			
Client ID : ETGI-355								
P4192-03	ETGI-355	Solid	1,3-Benzenedicarboxylic acid, bis	*	540.000	J		
P4192-03	ETGI-355	Solid	1-Phenoxypropan-2-ol	*	52.000	J		
P4192-03	ETGI-355	Solid	11H-Benzo[a]fluoren-11-one	*	73.700	J		
P4192-03	ETGI-355	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	82.800	A		
P4192-03	ETGI-355	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
P4192-03	ETGI-355	Solid	Benzo[b]fluoranthene	*	190.000	J		
P4192-03	ETGI-355	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	56.300	J		

Hit Summary Sheet SW-846

SDG No.: BF093024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4192-03	ETGI-355	Solid	Benzo[e]pyrene	*	290.000	J		
P4192-03	ETGI-355	Solid	Cyclopenta(def)phenanthrenone	*	46.600	J		
P4192-03	ETGI-355	Solid	n-Hexadecanoic acid	*	320.000	J		
P4192-03	ETGI-355	Solid	Octacosane	*	130.000	J		
P4192-03	ETGI-355	Solid	Octadecane	*	93.200	J		
P4192-03	ETGI-355	Solid	Octadecanoic acid	*	890.000	J		
P4192-03	ETGI-355	Solid	Pyrene, 1-methyl-	*	65.400	J		
P4192-03	ETGI-355	Solid	unknown16.733	*	63.900	J		
P4192-03	ETGI-355	Solid	unknown18.545	*	110.000	J		
P4192-03	ETGI-355	Solid	unknown3.310	*	65.000	J		
Total Tics :				3,178.90				
P4192-03	ETGI-355	Solid	Anthracene	65.900	J	54.9	110	ug/Kg
P4192-03	ETGI-355	Solid	Benzo(a)anthracene	430.000		52.5	110	ug/Kg
P4192-03	ETGI-355	Solid	Benzo(a)pyrene	420.000		60.4	110	ug/Kg
P4192-03	ETGI-355	Solid	Benzo(b)fluoranthene	740.000		52.7	110	ug/Kg
P4192-03	ETGI-355	Solid	Benzo(g,h,i)perylene	230.000		52.1	110	ug/Kg
P4192-03	ETGI-355	Solid	Benzo(k)fluoranthene	300.000		53.7	110	ug/Kg
P4192-03	ETGI-355	Solid	Bis(2-ethylhexyl)phthalate	130.000		59.1	110	ug/Kg
P4192-03	ETGI-355	Solid	Chrysene	480.000		51.7	110	ug/Kg
P4192-03	ETGI-355	Solid	Dibenzo(a,h)anthracene	66.000	J	52.8	110	ug/Kg
P4192-03	ETGI-355	Solid	Fluoranthene	780.000		53.1	110	ug/Kg
P4192-03	ETGI-355	Solid	Indeno(1,2,3-cd)pyrene	200.000		50.8	110	ug/Kg
P4192-03	ETGI-355	Solid	Phenanthrene	270.000		54.6	110	ug/Kg
P4192-03	ETGI-355	Solid	Pyrene	540.000		53.9	110	ug/Kg
Total Svoc :				4,651.90				
Total Concentration:				7,830.80				
Client ID : ETGI-355RE								
P4192-03RE	ETGI-355RE	Solid	Anthracene	75.100	J	54.9	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Benzo(a)anthracene	430.000		52.5	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Benzo(a)pyrene	420.000		60.4	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Benzo(b)fluoranthene	750.000		52.7	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Benzo(g,h,i)perylene	240.000		52.1	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Benzo(k)fluoranthene	280.000		53.7	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Bis(2-ethylhexyl)phthalate	120.000		59.1	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Chrysene	480.000		51.7	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Dibenzo(a,h)anthracene	66.800	J	52.8	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Fluoranthene	800.000		53.1	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Indeno(1,2,3-cd)pyrene	210.000		50.8	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Phenanthrene	270.000		54.6	110	ug/Kg
P4192-03RE	ETGI-355RE	Solid	Pyrene	550.000		53.9	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF093024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	4,691.90				
			Total Concentration:	4,691.90				
Client ID : ETGI-355								
P4192-04	ETGI-355	water	Pentachlorophenol	24.400	J	18.5	100	ug/L
			Total Svoc :	24.40				
			Total Concentration:	24.40				
Client ID : HD-02-092624								
P4213-01	HD-02-092624	Solid	28-Nor-17.alpha.(H)-hopane	*	320.000	J		
P4213-01	HD-02-092624	Solid	4H-Cyclopenta[def]phenanthrene	*	230.000	J		
P4213-01	HD-02-092624	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P4213-01	HD-02-092624	Solid	Benzo[e]pyrene	*	340.000	J		
P4213-01	HD-02-092624	Solid	Benzophenone	*	270.000	J		
P4213-01	HD-02-092624	Solid	Eicosane, 2-methyl-	*	99.200	J		
P4213-01	HD-02-092624	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P4213-01	HD-02-092624	Solid	n-Hexadecanoic acid	*	690.000	J		
P4213-01	HD-02-092624	Solid	Octadecanoic acid	*	1,600.000	J		
P4213-01	HD-02-092624	Solid	Tridecane	*	92.700	J		
			Total Tics :	3,881.90				
P4213-01	HD-02-092624	Solid	Anthracene		160.000	J	120	ug/Kg
P4213-01	HD-02-092624	Solid	Benzo(a)anthracene		680.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Benzo(a)pyrene		690.000		130	ug/Kg
P4213-01	HD-02-092624	Solid	Benzo(b)fluoranthene		850.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Benzo(g,h,i)perylene		350.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Benzo(k)fluoranthene		320.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Chrysene		620.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Fluoranthene		1,300.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Indeno(1,2,3-cd)pyrene		280.000		110	ug/Kg
P4213-01	HD-02-092624	Solid	Phenanthrene		580.000		120	ug/Kg
P4213-01	HD-02-092624	Solid	Pyrene		1,000.000		110	ug/Kg
			Total Svoc :	6,830.00				
			Total Concentration:	10,711.90				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.936	0.930	0.973	0.941	0.905	0.940	2.7
Pyridine		1.084	1.102	1.180	1.098	1.002	1.084	5.7
2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.226	2.7
Benzaldehyde		1.119	1.053	1.011	0.833	0.761	0.930	16.1
Aniline		1.262	1.232	1.274	1.194	1.101	1.214	5.2
Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.609	3.4
Phenol		1.697	1.708	1.709	1.609	1.524	1.639	4.6
bis(2-Chloroethyl)ether		1.173	1.177	1.190	1.133	1.127	1.246	16.5
2-Chlorophenol		1.262	1.295	1.305	1.242	1.203	1.262	3.1
1,2-Dichlorobenzene		1.429	1.386	1.411	1.344	1.301	1.370	3.6
1,3-Dichlorobenzene		1.500	1.489	1.475	1.414	1.355	1.435	4.0
1,4-Dichlorobenzene		1.477	1.463	1.527	1.432	1.377	1.450	3.5
Benzyl Alcohol		1.277	1.307	1.332	1.282	1.220	1.284	3.5
2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.003	3.9
2,2-oxybis(1-Chloropropane)		2.033	1.971	2.047	1.868	1.791	1.920	5.5
Acetophenone		0.521	0.509	0.535	0.539	0.502	0.523	2.9
3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.368	3.2
n-Nitroso-di-n-propylamine	0.922	0.950	0.952	1.025	0.939	0.912	0.954	3.9
Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.425	3.4
Hexachloroethane		0.563	0.567	0.565	0.543	0.531	0.552	2.9
Nitrobenzene		0.434	0.436	0.442	0.453	0.422	0.438	2.4
Isophorone		0.658	0.670	0.698	0.685	0.647	0.673	2.7
2-Nitrophenol		0.153	0.157	0.169	0.182	0.169	0.171	7.3
2,4-Dimethylphenol		0.216	0.219	0.231	0.235	0.219	0.225	3.8
bis(2-Chloroethoxy)methane		0.394	0.378	0.389	0.387	0.364	0.383	2.7
2,4-Dichlorophenol		0.289	0.283	0.285	0.295	0.272	0.286	2.8
1,2,4-Trichlorobenzene		0.347	0.331	0.336	0.341	0.316	0.333	3.1
Benzoic acid		0.164	0.184	0.219	0.220	0.221	0.211	12.5
Naphthalene		1.043	1.038	1.045	1.070	1.003	1.044	2.3
4-Chloroaniline		0.307	0.327	0.334	0.337	0.305	0.319	5.4
Hexachlorobutadiene		0.228	0.231	0.228	0.232	0.220	0.226	2.4
Caprolactam		0.087	0.086	0.089	0.093	0.083	0.088	3.7
4-Chloro-3-methylphenol		0.315	0.317	0.336	0.341	0.315	0.327	3.3
2-Methylnaphthalene		0.672	0.645	0.684	0.680	0.631	0.663	3.1
Hexachlorocyclopentadiene		0.198	0.196	0.224	0.229	0.207	0.207	7.3
2,4,6-Trichlorophenol		0.378	0.373	0.388	0.421	0.370	0.386	4.4

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.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D		RRF005 = BF139346.D		RRF010 = BF139347.D		
		RRF020 = BF139348.D		RRF040 = BF139349.D		RRF050 = BF139350.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.470	1.399	1.473	1.491	1.357	1.426	3.6
2,4,5-Trichlorophenol		0.378	0.389	0.426	0.434	0.400	0.407	4.9
1,1-Biphenyl		1.615	1.478	1.566	1.613	1.479	1.539	3.8
2-Chloronaphthalene		1.130	1.110	1.181	1.215	1.116	1.150	3.3
2-Nitroaniline		0.387	0.407	0.436	0.456	0.428	0.428	5.5
Dimethylphthalate		1.318	1.284	1.354	1.382	1.253	1.313	3.4
Acenaphthylene		1.696	1.705	1.799	1.814	1.681	1.732	3.0
2,6-Dinitrotoluene		0.261	0.275	0.303	0.313	0.290	0.291	6.0
3-Nitroaniline		0.279	0.276	0.311	0.319	0.284	0.291	6.7
Acenaphthene		1.186	1.141	1.246	1.289	1.169	1.209	4.1
2,4-Dinitrophenol			0.107	0.149	0.178	0.174	0.162	18.2
4-Nitrophenol		0.225	0.228	0.243	0.264	0.244	0.240	5.3
Dibenzofuran		1.687	1.668	1.738	1.780	1.600	1.685	3.6
2,4-Dinitrotoluene		0.364	0.365	0.391	0.434	0.388	0.393	6.2
Diethylphthalate		1.359	1.291	1.405	1.440	1.309	1.355	3.9
4-Chlorophenyl-phenylether		0.671	0.638	0.691	0.705	0.642	0.668	3.6
Fluorene		1.373	1.323	1.424	1.472	1.325	1.375	4.0
4-Nitroaniline		0.303	0.315	0.344	0.348	0.307	0.317	6.8
4,6-Dinitro-2-methylphenol		0.075	0.092	0.105	0.117	0.113	0.106	15.9
n-Nitrosodiphenylamine		0.581	0.564	0.593	0.601	0.560	0.585	2.9
Azobenzene		1.341	1.286	1.375	1.423	1.280	1.332	3.9
2,4,6-Tribromophenol		0.212	0.202	0.220	0.229	0.204	0.213	4.5
4-Bromophenyl-phenylether		0.190	0.186	0.201	0.207	0.191	0.198	4.4
Hexachlorobenzene		0.232	0.229	0.228	0.243	0.223	0.233	2.9
Atrazine		0.175	0.165	0.144	0.121	0.141	0.139	17.3
Pentachlorophenol		0.123	0.130	0.143	0.150	0.137	0.140	7.2
Phenanthrene		0.981	0.928	0.992	1.004	0.938	0.965	3.0
Anthracene		0.945	0.909	0.971	0.987	0.913	0.943	3.2
Carbazole		0.923	0.897	0.958	0.946	0.881	0.903	4.8
Di-n-butylphthalate		0.935	0.972	1.073	1.075	0.991	1.006	5.3
Fluoranthene		1.100	1.092	1.137	1.085	0.957	1.030	9.3
Benzidine		0.174	0.181	0.262	0.384	0.269	0.287	31.6
Pyrene		1.536	1.568	1.791	1.924	1.774	1.717	8.1
Terphenyl-d14		1.100	1.128	1.282	1.349	1.239	1.218	7.7
Butylbenzylphthalate		0.519	0.552	0.630	0.627	0.585	0.585	6.8
3,3-Dichlorobenzidine		0.388	0.384	0.396	0.374	0.367	0.388	3.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.334	1.287	1.404	1.358	1.262	1.325	3.5
Chrysene		1.252	1.206	1.206	1.234	1.185	1.219	2.0
Bis(2-ethylhexyl)phthalate		0.688	0.711	0.816	0.764	0.727	0.744	5.6
Di-n-octyl phthalate		0.969	0.954	1.076	1.129	1.103	1.095	9.7
Benzo(b)fluoranthene		1.284	1.188	1.332	1.226	1.186	1.233	4.4
Benzo(k)fluoranthene		1.221	1.212	1.107	1.191	1.028	1.137	6.4
Benzo(a)pyrene		1.002	0.985	1.031	1.076	0.992	1.023	3.3
Indeno(1,2,3-cd)pyrene		0.947	1.025	1.175	1.363	1.261	1.189	12.8
Dibenzo(a,h)anthracene		0.770	0.847	0.973	1.098	1.044	0.983	13.1
Benzo(g,h,i)perylene		0.805	0.846	0.974	1.106	1.031	0.973	11.4
1,2,4,5-Tetrachlorobenzene		0.600	0.570	0.607	0.619	0.569	0.593	3.1
1,4-Dioxane		0.553	0.504	0.521	0.494	0.447	0.492	7.7
2,3,4,6-Tetrachlorophenol		0.317	0.327	0.364	0.359	0.325	0.336	5.3
1-Methylnaphthalene		0.656	0.647	0.670	0.662	0.616	0.651	2.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF093024 SAS No.: BF093024 SDG NO.: BF093024

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 11:31

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	52723	6.881	182509	8.16	98703	9.92
UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
EPA SAMPLE NO.						
01 PB163737BL	82770	6.86	311479	8.15	172182	9.90
02 PB163737BS	77604	6.87	287808	8.15	160186	9.90
03 PB163743BL	86253	6.86	322285	8.15	183027	9.90
04 PB163743BS	77016	6.87	288772	8.15	163496	9.90
05 PB163688TB	84791	6.86	318811	8.15	176538	9.90
06 VNJ-222	62731	6.87	231002	8.15	125058	9.90
07 ETGI-355	61591	6.86	231289	8.15	126816	9.90
08 HD-02-092624	63487	6.86	238403	8.15	123083	9.90
09 VNJ-222	58569	6.86	213883	8.15	105336	9.90
10 ETGI-355	61155	6.86	224586	8.15	110883	9.90
11 VNJ-222RE	56610	6.86	213487	8.15	108016	9.90
12 ETGI-355RE	53808	6.86	196758	8.15	95761	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.: BF093024 SAS No.: BF093024 SDG NO.: BF093024

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BF139570.D Time Analyzed: 11:31

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	97466	6.869	357871	8.15	201742	9.90
UPPER LIMIT	194932	7.369	715742	8.651	403484	10.404
LOWER LIMIT	48733	6.369	178935.5	7.651	100871	9.404
EPA SAMPLE NO.						
01 PB163737BL	82770	6.86	311479	8.15	172182	9.90
02 PB163737BS	77604	6.87	287808	8.15	160186	9.90
03 PB163743BL	86253	6.86	322285	8.15	183027	9.90
04 PB163743BS	77016	6.87	288772	8.15	163496	9.90
05 PB163688TB	84791	6.86	318811	8.15	176538	9.90
06 VNJ-222	62731	6.87	231002	8.15	125058	9.90
07 ETGI-355	61591	6.86	231289	8.15	126816	9.90
08 HD-02-092624	63487	6.86	238403	8.15	123083	9.90
09 VNJ-222	58569	6.86	213883	8.15	105336	9.90
10 ETGI-355	61155	6.86	224586	8.15	110883	9.90
11 VNJ-222RE	56610	6.86	213487	8.15	108016	9.90
12 ETGI-355RE	53808	6.86	196758	8.15	95761 *	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF093024 SAS No.: BF093024 SDG NO.: BF093024

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 11:31

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	194097	11.398	109489	14.033	106513	15.498
UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
EPA SAMPLE NO.						
01 PB163737BL	337555	11.38	226019 *	14.02	171195	15.48
02 PB163737BS	313408	11.39	166700	14.02	155284	15.48
03 PB163743BL	358280	11.38	224095 *	14.02	180273	15.48
04 PB163743BS	317453	11.39	166546	14.02	153390	15.48
05 PB163688TB	343782	11.38	215192	14.02	169799	15.48
06 VNJ-222	224316	11.38	137273	14.02	116260	15.47
07 ETGI-355	234185	11.38	139781	14.02	116485	15.47
08 HD-02-092624	192756	11.38	135528	14.02	112158	15.48
09 VNJ-222	165239	11.38	122435	14.02	107169	15.48
10 ETGI-355	168577	11.38	124012	14.02	100901	15.48
11 VNJ-222RE	172298	11.38	121964	14.02	93963	15.47
12 ETGI-355RE	151388	11.38	111773	14.02	85703	15.48

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.: BF093024 SAS No.: BF093024 SDG NO.: BF093024

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BF139570.D Time Analyzed: 11:31

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	373067	11.386	184853	14.021	184909	15.48
	UPPER LIMIT	746134	11.886	369706	14.521	369818	15.98
	LOWER LIMIT	186533.5	10.886	92426.5	13.521	92454.5	14.98
	EPA SAMPLE NO.						
01	PB163737BL	337555	11.38	226019	14.02	171195	15.48
02	PB163737BS	313408	11.39	166700	14.02	155284	15.48
03	PB163743BL	358280	11.38	224095	14.02	180273	15.48
04	PB163743BS	317453	11.39	166546	14.02	153390	15.48
05	PB163688TB	343782	11.38	215192	14.02	169799	15.48
06	VNJ-222	224316	11.38	137273	14.02	116260	15.47
07	ETGI-355	234185	11.38	139781	14.02	116485	15.47
08	HD-02-092624	192756	11.38	135528	14.02	112158	15.48
09	VNJ-222	165239 *	11.38	122435	14.02	107169	15.48
10	ETGI-355	168577 *	11.38	124012	14.02	100901	15.48
11	VNJ-222RE	172298 *	11.38	121964	14.02	93963	15.47
12	ETGI-355RE	151388 *	11.38	111773	14.02	85703 *	15.48

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.: **BF093024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163737BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1800	ug/Kg	106		*		28	98	
	Benzaldehyde	1700	400	ug/Kg	24				10	133	
	Aniline	1700	2000	ug/Kg	118		*		38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1700	ug/Kg	100				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1800	ug/Kg	106				61	108	
	2,2-oxybis(1-Chloropropane)	1700	2000	ug/Kg	118		*		51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1700	ug/Kg	100		*		63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1800	ug/Kg	106		*		59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	2100	ug/Kg	124				46	141	
	bis(2-Chloroethoxy)methane	1700	1800	ug/Kg	106		*		66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1700	ug/Kg	100				62	100	
	4-Chloroaniline	1700	1000	ug/Kg	59				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1900	ug/Kg	112		*		67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	5500	ug/Kg	167		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1800	ug/Kg	106		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	Total PAH	27200	28600	ug/Kg	105		*		57	104	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF093024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163737BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3400	ug/Kg	100				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1800	ug/Kg	106		*		54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	2400	ug/Kg	141				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	3100	ug/Kg	94				10	98	
	Pyrene	1700	1900	ug/Kg	112		*		59	103	
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1800	ug/Kg	106		*		60	102	
	Chrysene	1700	1800	ug/Kg	106		*		59	101	
	bis(2-Ethylhexyl)phthalate	1700	2100	ug/Kg	124				54	135	
	Di-n-octyl phthalate	1700	2100	ug/Kg	124				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1900	ug/Kg	112				61	112	
	Benzo(g,h,i)perylene	1700	1800	ug/Kg	106				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1500	ug/Kg	88				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF093024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163743BS	n-Nitrosodimethylamine	50	45.9	ug/L	92				55	108	
	Pyridine	50	57.9	ug/L	116		*		29	97	
	Benzaldehyde	50	12.5	ug/L	25				10	162	
	Aniline	50	63.4	ug/L	127				10	130	
	Phenol	50	53.8	ug/L	108				66	118	
	bis(2-Chloroethyl)ether	50	53.9	ug/L	108		*		62	103	
	2-Chlorophenol	50	54.4	ug/L	109				70	117	
	1,2-Dichlorobenzene	50	50.4	ug/L	101				72	102	
	1,3-Dichlorobenzene	50	49.8	ug/L	100				71	103	
	1,4-Dichlorobenzene	50	49.8	ug/L	100				76	103	
	Benzyl Alcohol	50	50.6	ug/L	101		*		36	93	
	2-Methylphenol	50	54.9	ug/L	110		*		69	109	
	2,2-oxybis(1-Chloropropane)	50	63.6	ug/L	127		*		65	100	
	Acetophenone	50	47.3	ug/L	95				60	104	
	3+4-Methylphenols	50	50.7	ug/L	101				67	106	
	N-Nitroso-di-n-propylamine	50	53.2	ug/L	106				57	107	
	Hexachloroethane	50	49.2	ug/L	98				76	118	
	Nitrobenzene	50	47.2	ug/L	94				58	106	
	Isophorone	50	55	ug/L	110		*		61	102	
	2-Nitrophenol	50	55.5	ug/L	111				70	115	
	2,4-Dimethylphenol	50	65.4	ug/L	131				42	142	
	bis(2-Chloroethoxy)methane	50	55.5	ug/L	111		*		58	109	
	2,4-Dichlorophenol	50	52.9	ug/L	106				66	115	
	1,2,4-Trichlorobenzene	50	47	ug/L	94				41	115	
	Benzoic acid	50	51.7	ug/L	103				10	125	
	Naphthalene	50	51.1	ug/L	102				64	107	
	4-Chloroaniline	50	37.1	ug/L	74				10	85	
	Hexachlorobutadiene	50	46.1	ug/L	92				69	101	
	Caprolactam	50	57.1	ug/L	114				58	128	
	4-Chloro-3-methylphenol	50	52.1	ug/L	104				65	114	
	2-Methylnaphthalene	50	52.4	ug/L	105				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	50.8	ug/L	102				61	110	
	2,4,5-Trichlorophenol	50	52.5	ug/L	105				70	106	
	1,1-Biphenyl	50	49.9	ug/L	100		*		72	98	
	2-Chloronaphthalene	50	49.8	ug/L	100				59	106	
	2-Nitroaniline	50	52.7	ug/L	105				73	114	
	Dimethylphthalate	50	53	ug/L	106		*		64	103	
	Acenaphthylene	50	55.4	ug/L	111		*		79	103	
	2,6-Dinitrotoluene	50	52	ug/L	104				64	110	
	3-Nitroaniline	50	41.1	ug/L	82				28	100	
	Acenaphthene	50	56.6	ug/L	113				59	113	
	Total PAH	800	870.4	ug/L	109				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF093024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163743BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	52	ug/L	104				65	106	
	2,4-Dinitrotoluene	50	53.4	ug/L	107				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	105.4	ug/L	105				60	115	
	Diethylphthalate	50	53.1	ug/L	106		*		63	105	
	4-Chlorophenyl-phenylether	50	49.1	ug/L	98				61	104	
	Fluorene	50	49.5	ug/L	99				64	107	
	4-Nitroaniline	50	50.8	ug/L	102				55	125	
	4,6-Dinitro-2-methylphenol	50	55.1	ug/L	110				62	132	
	N-Nitrosodiphenylamine	50	53.1	ug/L	106				61	109	
	Azobenzene	50	54.3	ug/L	109		*		59	106	
	4-Bromophenyl-phenylether	50	51.6	ug/L	103				73	103	
	Hexachlorobenzene	50	49.9	ug/L	100				73	106	
	Atrazine	50	72.9	ug/L	146		*		76	120	
	Pentachlorophenol	100	92.8	ug/L	93				47	114	
	Phenanthrene	50	52.9	ug/L	106				62	109	
	Anthracene	50	55.6	ug/L	111		*		65	110	
	Carbazole	50	52.2	ug/L	104				62	106	
	Di-n-butylphthalate	50	56.4	ug/L	113		*		64	106	
	Fluoranthene	50	51.4	ug/L	103				64	110	
	Benzidine	100	120	ug/L	120		*		10	94	
	Pyrene	50	58.8	ug/L	118		*		71	103	
	Butylbenzylphthalate	50	63.8	ug/L	128		*		61	105	
	3,3-Dichlorobenzidine	50	44.9	ug/L	90				43	108	
	Benzo(a)anthracene	50	54.8	ug/L	110		*		62	107	
	Chrysene	50	54.9	ug/L	110		*		61	108	
	bis(2-Ethylhexyl)phthalate	50	65.5	ug/L	131		*		59	110	
	Di-n-octyl phthalate	50	63.9	ug/L	128				52	139	
	Benzo(b)fluoranthene	50	52.7	ug/L	105				77	113	
	Benzo(k)fluoranthene	50	53.9	ug/L	108		*		77	105	
	Benzo(a)pyrene	50	57.3	ug/L	115				72	131	
	Indeno(1,2,3-cd)pyrene	50	56.7	ug/L	113		*		72	105	
	Dibenz(a,h)anthracene	50	55.9	ug/L	112				78	115	
	Benzo(g,h,i)perylene	50	52.9	ug/L	106				75	118	
	1,2,4,5-Tetrachlorobenzene	50	47.8	ug/L	96				72	101	
	1,4-Dioxane	50	48.9	ug/L	98				38	125	
	2,3,4,6-Tetrachlorophenol	50	53.3	ug/L	107				63	116	
	1-Methylnaphthalene	50	49.4	ug/L	99				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-222

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF093024

SAS No.: BF093024 SDG NO.: BF093024

Lab File ID: BF139579.D

Lab Sample ID: P4192-01

Instrument ID: BNA_F

Date Extracted: 09/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/30/2024

Level: (low/med) LOW

Time Analyzed: 15:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-222	P4192-01	BF139579.D	09/30/2024
ETGI-355	P4192-03	BF139580.D	09/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163737BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF093024

SAS No.: BF093024 SDG NO.: BF093024

Lab File ID: BF139571.D

Lab Sample ID: PB163737BL

Instrument ID: BNA_F

Date Extracted: 09/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/30/2024

Level: (low/med) LOW

Time Analyzed: 11:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163737BS	PB163737BS	BF139572.D	09/30/2024
HD-02-092624	P4213-01	BF139578.D	09/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163743BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF093024

SAS No.: BF093024 SDG NO.: BF093024

Lab File ID: BF139573.D

Lab Sample ID: PB163743BL

Instrument ID: BNA_F

Date Extracted: 08/27/2024

Matrix: (soil/water) water

Date Analyzed: 09/30/2024

Level: (low/med) LOW

Time Analyzed: 12:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163743BS	PB163743BS	BF139574.D	09/30/2024
PB163688TB	PB163688TB	BF139575.D	09/30/2024
VNJ-222	P4192-02	BF139576.D	09/30/2024
ETGI-355	P4192-04	BF139577.D	09/30/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF093024**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4192-01	VNJ-222	BF139579.D	2-Fluorophenol	150	78.03	52		18	112
			Phenol-d6	150	80.77	54		15	107
			Nitrobenzene-d5	100	52.82	53		18	107
			2-Fluorobiphenyl	100	56.68	57		20	109
			2,4,6-Tribromophenol	150	43.37	29		10	116
			Terphenyl-d14	100	44.40	44		10	105
P4192-01RE	VNJ-222RE	BF139581.D	2-Fluorophenol	150	80.24	53		18	112
			Phenol-d6	150	82.17	55		15	107
			Nitrobenzene-d5	100	52.83	53		18	107
			2-Fluorobiphenyl	100	56.15	56		20	109
			2,4,6-Tribromophenol	150	49.18	33		10	116
			Terphenyl-d14	100	47.10	47		10	105
P4192-03	ETGI-355	BF139580.D	2-Fluorophenol	150	70.92	47		18	112
			Phenol-d6	150	72.46	48		15	107
			Nitrobenzene-d5	100	48.88	49		18	107
			2-Fluorobiphenyl	100	52.39	52		20	109
			2,4,6-Tribromophenol	150	42.05	28		10	116
			Terphenyl-d14	100	43.24	43		10	105
P4192-03RE	ETGI-355RE	BF139582.D	2-Fluorophenol	150	71.76	48		18	112
			Phenol-d6	150	73.16	49		15	107
			Nitrobenzene-d5	100	49.17	49		18	107
			2-Fluorobiphenyl	100	54.32	54		20	109
			2,4,6-Tribromophenol	150	47.90	32		10	116
			Terphenyl-d14	100	44.18	44		10	105

Surrogate Summary

SW-846

SDG No.: **BF093024**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4213-01	HD-02-092624	BF139578.D	2-Fluorophenol	150	80.29	54		18	112
			Phenol-d6	150	81.91	55		15	107
			Nitrobenzene-d5	100	53.02	53		18	107
			2-Fluorobiphenyl	100	54.99	55		20	109
			2,4,6-Tribromophenol	150	41.03	27		10	116
			Terphenyl-d14	100	44.62	45		10	105
PB163737BL	PB163737BL	BF139571.D	2-Fluorophenol	150	135.06	90		18	112
			Phenol-d6	150	135.12	90		15	107
			Nitrobenzene-d5	100	89.65	90		18	107
			2-Fluorobiphenyl	100	89.24	89		20	109
			2,4,6-Tribromophenol	150	123.43	82		10	116
			Terphenyl-d14	100	92.52	93		10	105
PB163737BS	PB163737BS	BF139572.D	2-Fluorophenol	150	135.70	90		18	112
			Phenol-d6	150	135.97	91		15	107
			Nitrobenzene-d5	100	90.53	91		18	107
			2-Fluorobiphenyl	100	90.21	90		20	109
			2,4,6-Tribromophenol	150	132.74	88		10	116
			Terphenyl-d14	100	107.44	107	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF093024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4192-02	VNJ-222	BF139576.D	2-Fluorophenol	150	125.18	83		10	139
			Phenol-d6	150	115.93	77		10	134
			Nitrobenzene-d5	100	90.57	91		49	133
			2-Fluorobiphenyl	100	86.94	87		52	132
			2,4,6-Tribromophenol	150	121.58	81		44	137
			Terphenyl-d14	100	96.81	97		48	125
P4192-04	ETGI-355	BF139577.D	2-Fluorophenol	150	129.53	86		10	139
			Phenol-d6	150	121.72	81		10	134
			Nitrobenzene-d5	100	93.76	94		49	133
			2-Fluorobiphenyl	100	89.04	89		52	132
			2,4,6-Tribromophenol	150	124.86	83		44	137
			Terphenyl-d14	100	99.37	99		48	125
PB163688TB	PB163688TB	BF139575.D	2-Fluorophenol	150	133.96	89		10	139
			Phenol-d6	150	133.81	89		10	134
			Nitrobenzene-d5	100	88.45	88		49	133
			2-Fluorobiphenyl	100	87.43	87		52	132
			2,4,6-Tribromophenol	150	119.76	80		44	137
			Terphenyl-d14	100	96.20	96		48	125
PB163743BL	PB163743BL	BF139573.D	2-Fluorophenol	150	129.80	87		10	139
			Phenol-d6	150	128.78	86		10	134
			Nitrobenzene-d5	100	86.48	86		49	133
			2-Fluorobiphenyl	100	82.61	83		52	132
			2,4,6-Tribromophenol	150	115.14	77		44	137
			Terphenyl-d14	100	90.38	90		48	125
PB163743BS	PB163743BS	BF139574.D	2-Fluorophenol	150	140.54	94		10	139
			Phenol-d6	150	142.06	95		10	134
			Nitrobenzene-d5	100	94.36	94		49	133
			2-Fluorobiphenyl	100	92.12	92		52	132
			2,4,6-Tribromophenol	150	133.53	89		44	137
			Terphenyl-d14	100	109.78	110		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF093024

Lab Code: CHEM

SAS No.: BF093024 SDG NO.: BF093024

Lab File ID: BF139569.D

DFTPP Injection Date: 09/30/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.8
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	42.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	50.3
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	6.8
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.7 (19.7) 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	BF139570.D	09/30/2024	11:03
PB163737BL	PB163737BL	BF139571.D	09/30/2024	11:31
PB163737BS	PB163737BS	BF139572.D	09/30/2024	11:59
PB163743BL	PB163743BL	BF139573.D	09/30/2024	12:28
PB163743BS	PB163743BS	BF139574.D	09/30/2024	12:56
PB163688TB	PB163688TB	BF139575.D	09/30/2024	13:24
VNJ-222	P4192-02	BF139576.D	09/30/2024	14:03
ETGI-355	P4192-04	BF139577.D	09/30/2024	14:32
HD-02-092624	P4213-01	BF139578.D	09/30/2024	15:00
VNJ-222	P4192-01	BF139579.D	09/30/2024	15:28
ETGI-355	P4192-03	BF139580.D	09/30/2024	15:57
VNJ-222RE	P4192-01RE	BF139581.D	09/30/2024	17:02
ETGI-355RE	P4192-03RE	BF139582.D	09/30/2024	17:30