

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF050824 SAS No.: BF050824 SDG No.: BF050824

Instrument ID: BNA_F Calibration Date/Time: 5/8/2024 12:12:00

Lab File ID: BF137850.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	0.586	0.561		-4.266	
Pyridine	1.302	1.146		-11.982	
2-Fluorophenol	1.195	1.495		25.105	
Benzaldehyde	0.816	0.792		-2.941	
Aniline	1.502	1.424		-5.193	
Phenol-d6	1.515	1.917		26.535	
Phenol	1.553	1.417		-8.757	20.0
bis(2-Chloroethyl) ether	1.216	1.155		-5.016	
2-Chlorophenol	1.302	1.227		-5.76	
1,2-Dichlorobenzene	1.387	1.326		-4.398	
1,3-Dichlorobenzene	1.468	1.419		-3.338	
1,4-Dichlorobenzene	1.473	1.442		-2.105	20.0
Benzyl Alcohol	1.048	1.066		1.718	
2-Methylphenol	1.050	1.041		-0.857	
2,2-oxybis(1-Chloropropane)	1.709	1.459		-14.628	
Acetophenone	0.450	0.431		-4.222	
3+4-Methylphenols	1.382	1.310		-5.21	
n-Nitroso-di-n-propylamine	0.905	0.847	0.050	-6.409	
Nitrobenzene-d5	0.344	0.338		-1.744	
Hexachloroethane	0.498	0.512		2.811	
Nitrobenzene	0.355	0.345		-2.817	
Isophorone	0.621	0.618		-0.483	
2-Nitrophenol	0.161	0.180		11.801	20.0
2,4-Dimethylphenol	0.231	0.224		-3.03	
bis(2-Chloroethoxy) methane	0.376	0.362		-3.723	
2,4-Dichlorophenol	0.280	0.281		0.357	20.0
1,2,4-Trichlorobenzene	0.305	0.304		-0.328	
Benzoic acid	0.200	0.213		6.5	
Naphthalene	0.994	0.955		-3.924	
4-Chloroaniline	0.369	0.347		-5.962	
Hexachlorobutadiene	0.187	0.196		4.813	20.0
Caprolactam	0.089	0.086		-3.371	
4-Chloro-3-methylphenol	0.292	0.292		0.0	20.0
2-Methylnaphthalene	0.643	0.626		-2.644	
Hexachlorocyclopentadiene	0.215	0.235	0.050	9.302	
2,4,6-Trichlorophenol	0.361	0.354		-1.939	20.0
2-Fluorobiphenyl	1.233	1.189		-3.569	
2,4,5-Trichlorophenol	0.398	0.391		-1.759	
1,1-Biphenyl	1.373	1.339		-2.476	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.108	1.084		-2.166	
2-Nitroaniline	0.301	0.297		-1.329	
Dimethylphthalate	1.263	1.267		0.317	
Acenaphthylene	1.603	1.543		-3.743	
2,6-Dinitrotoluene	0.289	0.298		3.114	
3-Nitroaniline	0.302	0.283		-6.291	
Acenaphthene	1.063	1.043		-1.881	20.0
2,4-Dinitrophenol	0.142	0.159	0.050	11.972	
4-Nitrophenol	0.250	0.228	0.050	-8.8	
Dibenzofuran	1.546	1.476		-4.528	
2,4-Dinitrotoluene	0.377	0.393		4.244	
Diethylphthalate	1.199	1.214		1.251	
4-Chlorophenyl-phenylether	0.606	0.592		-2.31	
Fluorene	1.231	1.166		-5.28	
4-Nitroaniline	0.306	0.286		-6.536	
4,6-Dinitro-2-methylphenol	0.115	0.128		11.304	
n-Nitrosodiphenylamine	0.599	0.591		-1.336	20.0
Azobenzene	1.159	1.091		-5.867	
2,4,6-Tribromophenol	0.204	0.293		43.627	
4-Bromophenyl-phenylether	0.214	0.222		3.738	
Hexachlorobenzene	0.234	0.238		1.709	
Atrazine	0.183	0.162		-11.475	
Pentachlorophenol	0.161	0.153		-4.969	20.0
Phenanthrene	0.975	0.929		-4.718	
Anthracene	0.970	0.926		-4.536	
Carbazole	0.935	0.861		-7.914	
Di-n-butylphthalate	1.020	1.051		3.039	
Fluoranthene	1.066	0.963		-9.662	20.0
Benzidine	0.463	0.267		-42.333	
Pyrene	1.586	1.747		10.151	
Terphenyl-d14	1.193	1.368		14.669	
Butylbenzylphthalate	0.503	0.635		26.243	
3,3-Dichlorobenzidine	0.383	0.370		-3.394	
Benzo(a)anthracene	1.279	1.271		-0.625	
Chrysene	1.198	1.190		-0.668	
Bis(2-ethylhexyl)phthalate	0.634	0.823		29.811	
Di-n-octyl phthalate	0.853	1.144		34.115	20.0
Benzo(b)fluoranthene	1.244	1.195		-3.939	
Benzo(k)fluoranthene	1.203	1.112		-7.564	

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Instrument ID: BNA_F Calibration Date/Time: 5/8/2024 12:12:00

Lab File ID: BF137850.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	1.015	1.008		-0.69	20.0
Indeno(1,2,3-cd)pyrene	1.137	1.277		12.313	
Dibenzo(a,h)anthracene	0.926	1.053		13.715	
Benzo(g,h,i)perylene	0.970	1.055		8.763	
1,2,4,5-Tetrachlorobenzene	0.530	0.527		-0.566	
1,4-Dioxane	0.538	0.549		2.045	20.0
2,3,4,6-Tetrachlorophenol	0.323	0.310		-4.025	
1-Methylnaphthalene	0.633	0.614		-3.002	

All other compounds must meet a minimum RRF of 0.010.



Client:			Date Collected:	5/7/2024 12:00:00 AM	
Project:			Date Received:	5/7/2024 12:00:00 AM	
Client Sample ID:	PB160756BL		SDG No.:	BF050824	
Lab Sample ID:	PB160756BL		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :		Decanted :		Level :	LOW
Injection Volume :		GPC Factor :		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137851.D	1	5/7/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160756

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



Client:			Date Collected:	5/7/2024 12:00:00 AM	
Project:			Date Received:	5/7/2024 12:00:00 AM	
Client Sample ID:	PB160756BL		SDG No.:	BF050824	
Lab Sample ID:	PB160756BL		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137851.D	1	5/7/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160756

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

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	PB160756BL	SDG No.:	BF050824
Lab Sample ID:	PB160756BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137851.D	1	5/7/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	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	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	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	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.06		18-112		87	SPK: -150
13127-88-3	Phenol-d6	125.613		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	88.365		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.659		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	PB160756BL	SDG No.:	BF050824
Lab Sample ID:	PB160756BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137851.D	1	5/7/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.201		10-110		95	SPK: -150
1718-51-0	Terphenyl-d14	90.45		14-112		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167215	7.051				
1146-65-2	Naphthalene-d8	674894	8.334				
15067-26-2	Acenaphthene-d10	401801	10.098				
1517-22-2	Phenanthrene-d10	745810	11.592				
1719-03-5	Chrysene-d12	514020	14.245				
1520-96-3	Perylene-d12	387993	15.816				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	520	J			2.152	
000994-05-8	Butane, 2-methoxy-2-methyl-	83.3	J			2.516	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	110	J			18.31	



Client:				Date Collected:	5/6/2024 12:00:00 AM	
Project:				Date Received:	5/6/2024 12:00:00 AM	
Client Sample ID:	WCS-TPA			SDG No.:	BF050824	
Lab Sample ID:	P2411-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
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
BF137852.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg



Client:				Date Collected:	5/6/2024 12:00:00 AM	
Project:				Date Received:	5/6/2024 12:00:00 AM	
Client Sample ID:	WCS-TPA			SDG No.:	BF050824	
Lab Sample ID:	P2411-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
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
BF137852.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF050824
Lab Sample ID:	P2411-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137852.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.124		18-112		57	SPK: -150
13127-88-3	Phenol-d6	85.496		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	57.885		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	58.754		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	WCS-TPA	SDG No.:	BF050824
Lab Sample ID:	P2411-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137852.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.221		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	69.38		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150615	7.051				
1146-65-2	Naphthalene-d8	599335	8.333				
15067-26-2	Acenaphthene-d10	352885	10.098				
1517-22-2	Phenanthrene-d10	595442	11.592				
1719-03-5	Chrysene-d12	322624	14.245				
1520-96-3	Perylene-d12	302234	15.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.446	
	unknown10.180	280	J			10.18	
000057-10-3	n-Hexadecanoic acid	150	J			12.098	
000057-11-4	Octadecanoic acid	47.6	J			12.886	
000661-19-8	Behenic alcohol	83.8	J			14.11	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050824
Lab Sample ID:	P2413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137853.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050824
Lab Sample ID:	P2413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137853.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050824
Lab Sample ID:	P2413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137853.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.398		18-112		56	SPK: -150
13127-88-3	Phenol-d6	82.72		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	53.765		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	55.66		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-CC	SDG No.:	BF050824
Lab Sample ID:	P2413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF137853.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.963		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	65.014		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142665	7.051				
1146-65-2	Naphthalene-d8	567252	8.334				
15067-26-2	Acenaphthene-d10	331825	10.098				
1517-22-2	Phenanthrene-d10	556764	11.592				
1719-03-5	Chrysene-d12	300102	14.239				
1520-96-3	Perylene-d12	283656	15.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.428	
000589-81-1	Heptane, 3-methyl-	58.6	J			4.322	
002216-30-0	Heptane, 2,5-dimethyl-	46.2	J			5.222	
002216-34-4	Octane, 4-methyl-	52.2	J			5.563	
000103-65-1	Benzene, propyl-	120	J			6.51	
000108-67-8	Mesitylene	72.1	J			6.869	
000496-11-7	Indane	75.1	J			7.228	
000105-05-5	Benzene, 1,4-diethyl-	48.4	J			7.293	
000135-01-3	Benzene, 1,2-diethyl-	120	J			7.363	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	41.4	J			7.998	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	63.5	J			8.063	
000057-10-3	n-Hexadecanoic acid	62.2	J			12.098	
000661-19-8	Behenic alcohol	78.1	J			14.098	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050824
Lab Sample ID:	P2413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137854.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050824
Lab Sample ID:	P2413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137854.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.7	U	793.7	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050824
Lab Sample ID:	P2413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137854.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.696		18-112		54	SPK: -150
13127-88-3	Phenol-d6	81.582		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	51.786		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	53.938		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	WC-EE	SDG No.:	BF050824
Lab Sample ID:	P2413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137854.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.852		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	63.796		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159461	7.051				
1146-65-2	Naphthalene-d8	639066	8.333				
15067-26-2	Acenaphthene-d10	368996	10.098				
1517-22-2	Phenanthrene-d10	582437	11.592				
1719-03-5	Chrysene-d12	306421	14.239				
1520-96-3	Perylene-d12	309186	15.809				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.44	
000057-10-3	n-Hexadecanoic acid	72.1	J			12.098	
001454-85-9	n-Heptadecanol-1	81.3	J			14.092	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	SS-1-COMP	SDG No.:	BF050824
Lab Sample ID:	P2412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137855.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	SS-1-COMP	SDG No.:	BF050824
Lab Sample ID:	P2412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137855.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	SS-1-COMP	SDG No.:	BF050824
Lab Sample ID:	P2412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137855.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	83.4	J	81.5	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	94.6	J	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.5	U	80.5	130	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.582		18-112		50	SPK: -150
13127-88-3	Phenol-d6	76.331		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	51.679		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	51.342		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	SS-1-COMP	SDG No.:	BF050824
Lab Sample ID:	P2412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137855.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.372		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	49.863		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167405	7.051				
1146-65-2	Naphthalene-d8	664423	8.334				
15067-26-2	Acenaphthene-d10	381230	10.098				
1517-22-2	Phenanthrene-d10	578880	11.592				
1719-03-5	Chrysene-d12	310649	14.239				
1520-96-3	Perylene-d12	322402	15.809				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.434	
000057-10-3	n-Hexadecanoic acid	96.1	J			12.092	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	ETGI-285	SDG No.:	BF050824
Lab Sample ID:	P2408-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137856.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.8	U	59.8	190	230	ug/Kg
110-86-1	Pyridine	55	U	55	89.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.7	U	66.7	89.5	120	ug/Kg
108-95-2	Phenol	57.1	U	57.1	89.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.6	U	57.6	89.5	120	ug/Kg
95-57-8	2-Chlorophenol	57.5	U	57.5	89.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.3	U	58.3	89.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.2	U	59.2	89.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.6	U	59.6	89.5	120	ug/Kg
100-51-6	Benzyl Alcohol	57.1	U	57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	55.5	U	55.5	89.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.6	U	62.6	89.5	120	ug/Kg
98-86-2	Acetophenone	59.8	U	59.8	89.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.9	U	54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.7	U	27.7	55.1	55.1	ug/Kg
67-72-1	Hexachloroethane	57.1	U	57.1	89.5	120	ug/Kg
98-95-3	Nitrobenzene	62.5	U	62.5	89.5	120	ug/Kg
78-59-1	Isophorone	58.3	U	58.3	89.5	120	ug/Kg
88-75-5	2-Nitrophenol	65.1	U	65.1	89.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.2	U	64.2	89.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.1	U	59.1	89.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	89.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.8	U	58.8	89.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.9	U	56.9	89.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.9	U	56.9	89.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	ETGI-285	SDG No.:	BF050824
Lab Sample ID:	P2408-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137856.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.8	U	59.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.4	U	53.4	89.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.8	U	56.8	89.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.2	U	49.2	89.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	89.5	120	ug/Kg
92-52-4	1,1-Biphenyl	60.2	U	60.2	89.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.4	U	57.4	89.5	120	ug/Kg
88-74-4	2-Nitroaniline	65.4	U	65.4	89.5	120	ug/Kg
131-11-3	Dimethylphthalate	56.3	U	56.3	89.5	120	ug/Kg
208-96-8	Acenaphthylene	59.6	U	59.6	89.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.3	U	57.3	89.5	120	ug/Kg
99-09-2	3-Nitroaniline	61.4	U	61.4	89.5	120	ug/Kg
83-32-9	Acenaphthene	55.8	U	55.8	89.5	120	ug/Kg
Total PAH	Total PAH	912.4	U	912.4	89.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.9	U	79.9	190	230	ug/Kg
132-64-9	Dibenzofuran	58.1	U	58.1	89.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.4	U	59.4	89.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.7	U	116.7	89.5	240	ug/Kg
84-66-2	Diethylphthalate	55.2	U	55.2	89.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.9	U	58.9	89.5	120	ug/Kg
86-73-7	Fluorene	58.9	U	58.9	89.5	120	ug/Kg
100-01-6	4-Nitroaniline	73.7	U	73.7	89.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.6	U	80.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.2	U	56.2	89.5	120	ug/Kg
103-33-3	Azobenzene	54.8	U	54.8	89.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.3	U	54.3	89.5	120	ug/Kg
118-74-1	Hexachlorobenzene	58.5	U	58.5	89.5	120	ug/Kg
1912-24-9	Atrazine	62.9	U	62.9	89.5	120	ug/Kg

Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM		
Project:				Date Received:	5/7/2024 12:00:00 AM		
Client Sample ID:	ETGI-285			SDG No.:	BF050824		
Lab Sample ID:	P2408-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BF137856.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.2	U	53.2	190	230	ug/Kg
85-01-8	Phenanthrene	110	J	57.8	89.5	120	ug/Kg
120-12-7	Anthracene	58.1	U	58.1	89.5	120	ug/Kg
86-74-8	Carbazole	55.3	U	55.3	89.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	89.5	120	ug/Kg
206-44-0	Fluoranthene	160		56.3	89.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	170		57.1	89.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.7	U	66.7	89.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.9	U	67.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	85.4	J	55.6	89.5	120	ug/Kg
218-01-9	Chrysene	97.1	J	54.7	89.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.7	U	62.7	89.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.7	U	75.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	55.8	89.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.9	U	56.9	89.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	86.6	J	64	89.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.8	U	53.8	89.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.9	U	55.9	89.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.2	U	55.2	89.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.8	U	59.8	89.5	120	ug/Kg
123-91-1	1,4-Dioxane	75.7	U	75.7	89.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.4	U	51.4	89.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.3	U	57.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.714		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.757		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	51.927		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	51.467		20-109		51	SPK: -100

Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM		
Project:				Date Received:	5/7/2024 12:00:00 AM		
Client Sample ID:	ETGI-285			SDG No.:	BF050824		
Lab Sample ID:	P2408-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137856.D	1	5/8/2024 12:00:00 AM	5/8/2024 12:00:00 AM	PB160779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.059		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	50.215		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163761	7.051				
1146-65-2	Naphthalene-d8	643135	8.333				
15067-26-2	Acenaphthene-d10	358695	10.098				
1517-22-2	Phenanthrene-d10	536753	11.592				
1719-03-5	Chrysene-d12	297260	14.239				
1520-96-3	Perylene-d12	312927	15.809				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.428	
000057-10-3	n-Hexadecanoic acid	110	J			12.098	
099152-14-4	Pisiferanol	49.8	J			14.163	
000192-97-2	Benzo[c]pyrene	64	J			15.668	

Hit Summary Sheet SW-846

SDG No.: BF050824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ETGI-285								
P2408-03	ETGI-285	Solid	Benzo[e]pyrene	*	64.000	J		
P2408-03	ETGI-285	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2408-03	ETGI-285	Solid	n-Hexadecanoic acid	*	110.000	J		
P2408-03	ETGI-285	Solid	Pisiferanol	*	49.800	J		
Total Tics :				1,323.80				
P2408-03	ETGI-285	Solid	Benzo(a)anthracene		85.400	J	55.6	120 ug/Kg
P2408-03	ETGI-285	Solid	Benzo(a)pyrene		86.600	J	64	120 ug/Kg
P2408-03	ETGI-285	Solid	Benzo(b)fluoranthene		110.000	J	55.8	120 ug/Kg
P2408-03	ETGI-285	Solid	Chrysene		97.100	J	54.7	120 ug/Kg
P2408-03	ETGI-285	Solid	Fluoranthene		160.000		56.3	120 ug/Kg
P2408-03	ETGI-285	Solid	Phenanthrene		110.000	J	57.8	120 ug/Kg
P2408-03	ETGI-285	Solid	Pyrene		170.000		57.1	120 ug/Kg
Total Svoc :				819.10				
Total Concentration:				2,142.90				
Client ID : WCS-TPA								
P2411-01	WCS-TPA	Solid	Behenic alcohol	*	83.800	J		
P2411-01	WCS-TPA	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P2411-01	WCS-TPA	Solid	n-Hexadecanoic acid	*	150.000	J		
P2411-01	WCS-TPA	Solid	Octadecanoic acid	*	47.600	J		
P2411-01	WCS-TPA	Solid	unknown10.180	*	280.000	J		
Total Tics :				1,561.40				
Total Concentration:				1,561.40				
Client ID : SS-1-COMP								
P2412-01	SS-1-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2412-01	SS-1-COMP	Solid	n-Hexadecanoic acid	*	96.100	J		
Total Tics :				1,696.10				
P2412-01	SS-1-COMP	Solid	Fluoranthene		83.400	J	81.5	170 ug/Kg
P2412-01	SS-1-COMP	Solid	Pyrene		94.600	J	82.8	170 ug/Kg
Total Svoc :				178.00				
Total Concentration:				1,874.10				
Client ID : WC-CC								
P2413-01	WC-CC	Solid	1H-Indene, 2,3-dihydro-4-methyl-	*	41.400	J		
P2413-01	WC-CC	Solid	Behenic alcohol	*	78.100	J		
P2413-01	WC-CC	Solid	Benzene, 1,2-diethyl-	*	120.000	J		
P2413-01	WC-CC	Solid	Benzene, 1,4-diethyl-	*	48.400	J		
P2413-01	WC-CC	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	63.500	J		

Hit Summary Sheet SW-846

SDG No.: BF050824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2413-01	WC-CC	Solid	Benzene, propyl-	*	120.000	J		
P2413-01	WC-CC	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2413-01	WC-CC	Solid	Heptane, 2,5-dimethyl-	*	46.200	J		
P2413-01	WC-CC	Solid	Heptane, 3-methyl-	*	58.600	J		
P2413-01	WC-CC	Solid	Indane	*	75.100	J		
P2413-01	WC-CC	Solid	Mesitylene	*	72.100	J		
P2413-01	WC-CC	Solid	n-Hexadecanoic acid	*	62.200	J		
P2413-01	WC-CC	Solid	Octane, 4-methyl-	*	52.200	J		
Total Tics :					2,037.80			
Total Concentration:					2,037.80			
Client ID : WC-EE								
P2413-05	WC-EE	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2413-05	WC-EE	Solid	n-Heptadecanol-1	*	81.300	J		
P2413-05	WC-EE	Solid	n-Hexadecanoic acid	*	72.100	J		
Total Tics :					1,353.40			
Total Concentration:					1,353.40			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF043024 SAS No.: BF043024 SDG No.: BF043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 11:08 _____

LAB FILE ID:		RRF2.5 = BF137764.D		RRF005 = BF137765.D		RRF010 = BF137766.D		
		RRF020 = BF137767.D		RRF040 = BF137768.D		RRF050 = BF137769.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.625	0.575	0.613	0.577	0.571	0.586	3.9
Pyridine		1.333	1.304	1.418	1.292	1.252	1.302	4.6
2-Fluorophenol		1.313	1.258	1.295	1.164	1.130	1.195	7.7
Benzaldehyde			0.981	0.968	0.780	0.674	0.816	18.5
Aniline		1.617	1.507	1.592	1.500	1.465	1.502	5.4
Phenol-d6		1.671	1.603	1.633	1.478	1.432	1.515	7.8
Phenol		1.700	1.599	1.669	1.515	1.479	1.553	6.7
bis(2-Chloroethyl)ether		1.312	1.255	1.274	1.190	1.163	1.216	5.2
2-Chlorophenol		1.416	1.354	1.402	1.273	1.240	1.302	6.8
1,2-Dichlorobenzene		1.577	1.477	1.488	1.358	1.292	1.387	9.2
1,3-Dichlorobenzene		1.602	1.547	1.577	1.432	1.397	1.468	7.1
1,4-Dichlorobenzene		1.628	1.523	1.577	1.443	1.400	1.473	7.1
Benzyl Alcohol		1.061	1.044	1.118	1.062	1.017	1.048	3.6
2-Methylphenol		1.115	1.065	1.102	1.036	1.015	1.050	4.2
2,2-oxybis(1-Chloropropane)		1.872	1.744	1.804	1.690	1.620	1.709	6.0
Acetophenone		0.498	0.473	0.481	0.445	0.421	0.450	7.7
3+4-Methylphenols		1.497	1.434	1.499	1.376	1.321	1.382	7.2
n-Nitroso-di-n-propylamine	0.970	0.987	0.934	0.967	0.884	0.845	0.905	7.4
Nitrobenzene-d5		0.357	0.350	0.363	0.345	0.332	0.344	3.9
Hexachloroethane		0.509	0.504	0.531	0.497	0.485	0.498	3.8
Nitrobenzene		0.374	0.359	0.372	0.355	0.341	0.355	4.2
Isophorone		0.659	0.632	0.645	0.608	0.589	0.621	4.1
2-Nitrophenol		0.135	0.142	0.165	0.170	0.167	0.161	9.7
2,4-Dimethylphenol		0.243	0.232	0.245	0.229	0.221	0.231	4.1
bis(2-Chloroethoxy)methane		0.408	0.389	0.396	0.372	0.353	0.376	5.9
2,4-Dichlorophenol		0.287	0.279	0.294	0.280	0.272	0.280	3.1
1,2,4-Trichlorobenzene		0.327	0.316	0.319	0.302	0.288	0.305	5.2
Benzoic acid			0.150	0.186	0.204	0.206	0.200	14.2
Naphthalene		1.115	1.061	1.065	0.979	0.922	0.994	8.7
4-Chloroaniline		0.395	0.378	0.383	0.366	0.354	0.369	4.8
Hexachlorobutadiene		0.199	0.194	0.196	0.185	0.176	0.187	5.0
Caprolactam		0.089	0.087	0.089	0.089	0.088	0.089	1.6
4-Chloro-3-methylphenol		0.306	0.296	0.302	0.292	0.279	0.292	3.5
2-Methylnaphthalene		0.718	0.686	0.686	0.634	0.600	0.643	8.4
Hexachlorocyclopentadiene		0.185	0.194	0.222	0.224	0.219	0.215	8.5
2,4,6-Trichlorophenol		0.361	0.353	0.379	0.363	0.352	0.361	2.5

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.: BF043024 SAS No.: BF043024 SDG No.: BF043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 11:08 _____

LAB FILE ID:		RRF2.5 = BF137764.D			RRF005 = BF137765.D		RRF010 = BF137766.D	
		RRF020 = BF137767.D			RRF040 = BF137768.D		RRF050 = BF137769.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.471	1.368	1.353	1.187	1.106	1.233	13.4
2,4,5-Trichlorophenol		0.399	0.390	0.414	0.403	0.394	0.398	2.2
1,1-Biphenyl		1.523	1.438	1.480	1.345	1.281	1.373	8.0
2-Chloronaphthalene		1.201	1.148	1.196	1.084	1.045	1.108	6.7
2-Nitroaniline		0.270	0.285	0.310	0.308	0.308	0.301	5.4
Dimethylphthalate		1.364	1.321	1.292	1.242	1.199	1.263	5.1
Acenaphthylene		1.772	1.648	1.711	1.576	1.522	1.603	7.0
2,6-Dinitrotoluene		0.274	0.281	0.299	0.292	0.289	0.289	2.9
3-Nitroaniline		0.290	0.291	0.313	0.307	0.300	0.302	2.9
Acenaphthene		1.145	1.099	1.135	1.046	1.005	1.063	6.0
2,4-Dinitrophenol			0.095	0.125	0.146	0.157	0.142	19.3
4-Nitrophenol		0.233	0.236	0.258	0.256	0.260	0.250	4.6
Dibenzofuran		1.728	1.649	1.645	1.515	1.441	1.546	8.3
2,4-Dinitrotoluene		0.341	0.359	0.384	0.385	0.389	0.377	5.2
Diethylphthalate		1.318	1.255	1.237	1.173	1.138	1.199	6.1
4-Chlorophenyl-phenylether		0.671	0.643	0.638	0.591	0.572	0.606	7.3
Fluorene		1.388	1.317	1.316	1.203	1.148	1.231	9.0
4-Nitroaniline		0.305	0.297	0.308	0.312	0.313	0.306	1.8
4,6-Dinitro-2-methylphenol			0.085	0.108	0.119	0.120	0.115	14.1
n-Nitrosodiphenylamine		0.662	0.610	0.644	0.589	0.560	0.599	7.0
Azobenzene		1.276	1.221	1.199	1.138	1.102	1.159	6.5
2,4,6-Tribromophenol		0.208	0.207	0.210	0.201	0.201	0.204	2.0
4-Bromophenyl-phenylether		0.228	0.212	0.228	0.213	0.202	0.214	4.9
Hexachlorobenzene		0.253	0.235	0.244	0.231	0.223	0.234	4.9
Atrazine		0.205	0.188	0.188	0.180	0.173	0.183	6.9
Pentachlorophenol		0.145	0.150	0.171	0.165	0.163	0.161	5.7
Phenanthrene		1.105	1.029	1.045	0.949	0.913	0.975	8.8
Anthracene		1.083	1.018	1.044	0.952	0.912	0.970	8.2
Carbazole		1.063	0.979	0.997	0.911	0.879	0.935	8.6
Di-n-butylphthalate		1.116	1.061	1.057	1.002	0.977	1.020	6.0
Fluoranthene		1.226	1.119	1.129	1.037	1.011	1.066	9.0
Benzidine		0.481	0.362	0.431	0.534	0.515	0.463	12.5
Pyrene		1.506	1.608	1.691	1.572	1.484	1.586	4.9
Terphenyl-d14		1.244	1.281	1.302	1.153	1.070	1.193	7.5
Butylbenzylphthalate		0.427	0.440	0.493	0.518	0.527	0.503	10.6
3,3-Dichlorobenzidine		0.441	0.399	0.412	0.369	0.376	0.383	9.6

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.: BF043024 SAS No.: BF043024 SDG No.: BF043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 11:08 _____

LAB FILE ID:		RRF2.5 = BF137764.D			RRF005 = BF137765.D		RRF010 = BF137766.D	
		RRF020 = BF137767.D			RRF040 = BF137768.D		RRF050 = BF137769.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.361	1.290	1.319	1.249	1.237	1.279	3.7
Chrysene		1.285	1.221	1.248	1.154	1.150	1.198	4.5
Bis(2-ethylhexyl)phthalate		0.636	0.563	0.584	0.627	0.671	0.634	7.3
Di-n-octyl phthalate		0.884	0.714	0.763	0.834	0.916	0.853	10.1
Benzo(b)fluoranthene		1.236	1.230	1.344	1.219	1.239	1.244	3.6
Benzo(k)fluoranthene		1.242	1.249	1.236	1.217	1.194	1.203	3.9
Benzo(a)pyrene		1.043	0.994	1.048	1.000	0.987	1.015	2.3
Indeno(1,2,3-cd)pyrene		0.975	0.939	1.088	1.130	1.090	1.137	15.3
Dibenzo(a,h)anthracene		0.789	0.784	0.899	0.920	0.886	0.926	14.3
Benzo(g,h,i)perylene		0.766	0.779	0.918	0.984	0.935	0.970	18.6
1,2,4,5-Tetrachlorobenzene		0.562	0.546	0.561	0.521	0.502	0.530	5.0
1,4-Dioxane		0.568	0.529	0.572	0.529	0.521	0.538	4.2
2,3,4,6-Tetrachlorophenol		0.336	0.314	0.334	0.325	0.318	0.323	2.7
1-Methylnaphthalene		0.714	0.675	0.675	0.623	0.591	0.633	8.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF050824 SAS No.: BF050824 SDG NO.: BF050824

EPA Sample No.: SSTDICCC040 Date Analyzed: May 8 2024 12:00AM

Lab File ID: BF137768.D Time Analyzed: 12:34

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	243153	7.057	956131	8.35	540805	10.11
UPPER LIMIT	486306	7.557	1912262	8.845	1081610	10.61
LOWER LIMIT	121576.5	6.557	478065.5	7.845	270402.5	9.61
EPA SAMPLE NO.						
01 PB160756BL	167215	7.05	674894	8.33	401801	10.10
02 WCS-TPA	150615	7.05	599335	8.33	352885	10.10
03 WC-CC	142665	7.05	567252	8.33	331825	10.10
04 WC-EE	159461	7.05	639066	8.33	368996	10.10
05 SS-1-COMP	167405	7.05	664423	8.33	381230	10.10
06 ETGI-285	163761	7.05	643135	8.33	358695	10.10

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.: BF050824 SAS No.: BF050824 SDG NO.: BF050824

EPA Sample No.: SSTDCCC040 Date Analyzed: May 8 2024 12:00AM

Lab File ID: BF137850.D Time Analyzed: 12:34

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	224321	7.051	887921	8.34	504483	10.10
UPPER LIMIT	448642	7.551	1775842	8.839	1008966	10.604
LOWER LIMIT	112160.5	6.551	443960.5	7.839	252241.5	9.604
EPA SAMPLE NO.						
01 PB160756BL	167215	7.05	674894	8.33	401801	10.10
02 WCS-TPA	150615	7.05	599335	8.33	352885	10.10
03 WC-CC	142665	7.05	567252	8.33	331825	10.10
04 WC-EE	159461	7.05	639066	8.33	368996	10.10
05 SS-1-COMP	167405	7.05	664423	8.33	381230	10.10
06 ETGI-285	163761	7.05	643135	8.33	358695	10.10

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.: BF050824 SAS No.: BF050824 SDG NO.: BF050824

EPA Sample No.: SSTDICCC040 Date Analyzed: May 8 2024 12:00AM

Lab File ID: BF137768.D Time Analyzed: 12:34

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	945981	11.598	642193	14.251	470898	15.821
UPPER LIMIT	1891962	12.098	1284386	14.751	941796	16.321
LOWER LIMIT	472990.5	11.098	321096.5	13.751	235449	15.321
EPA SAMPLE NO.						
01 PB160756BL	745810	11.59	514020	14.25	387993	15.82
02 WCS-TPA	595442	11.59	322624	14.25	302234	15.82
03 WC-CC	556764	11.59	300102 *	14.24	283656	15.81
04 WC-EE	582437	11.59	306421 *	14.24	309186	15.81
05 SS-1-COMP	578880	11.59	310649 *	14.24	322402	15.81
06 ETGI-285	536753	11.59	297260 *	14.24	312927	15.81

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.: BF050824 SAS No.: BF050824 SDG NO.: BF050824

EPA Sample No.: SSTDCCC040 Date Analyzed: May 8 2024 12:00AM

Lab File ID: BF137850.D Time Analyzed: 12:34

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	861904	11.598	468340	14.251	420248	15.821
UPPER LIMIT	1723808	12.098	936680	14.751	840496	16.321
LOWER LIMIT	430952	11.098	234170	13.751	210124	15.321
EPA SAMPLE NO.						
01 PB160756BL	745810	11.59	514020	14.25	387993	15.82
02 WCS-TPA	595442	11.59	322624	14.25	302234	15.82
03 WC-CC	556764	11.59	300102	14.24	283656	15.81
04 WC-EE	582437	11.59	306421	14.24	309186	15.81
05 SS-1-COMP	578880	11.59	310649	14.24	322402	15.81
06 ETGI-285	536753	11.59	297260	14.24	312927	15.81

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.



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160756BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050824

SAS No.: BF050824 SDG NO.: BF050824

Lab File ID: BF137851.D

Lab Sample ID: PB160756BL

Instrument ID: BNA_F

Date Extracted: 05/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/08/2024

Level: (low/med) LOW

Time Analyzed: 12:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WCS-TPA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF050824

SAS No.: BF050824 SDG NO.: BF050824

Lab File ID: BF137852.D

Lab Sample ID: P2411-01

Instrument ID: BNA_F

Date Extracted: 05/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/08/2024

Level: (low/med) LOW

Time Analyzed: 13:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WCS-TPA	P2411-01	BF137852.D	05/08/2024
WC-CC	P2413-01	BF137853.D	05/08/2024
WC-EE	P2413-05	BF137854.D	05/08/2024
SS-1-COMP	P2412-01	BF137855.D	05/08/2024
ETGI-285	P2408-03	BF137856.D	05/08/2024

COMMENTS: _____



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Surrogate Summary

SW-846

SDG No.: BF050824

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160756BL	PB160756BL	BF137851.D	2-Fluorophenol	150	130.06	87		18	112
			Phenol-d6	150	125.61	84		15	107
			Nitrobenzene-d5	100	88.37	88		18	107
			2-Fluorobiphenyl	100	88.66	89		20	109
			2,4,6-Tribromophenol	150	142.20	95		10	110
			Terphenyl-d14	100	90.45	90		14	112

Surrogate Summary

SW-846

SDG No.: **BF050824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2408-03	ETGI-285	BF137856.D	2-Fluorophenol	150	75.71	50		18	112
			Phenol-d6	150	75.76	51		15	107
			Nitrobenzene-d5	100	51.93	52		18	107
			2-Fluorobiphenyl	100	51.47	51		20	109
			2,4,6-Tribromophenol	150	70.06	47		10	110
			Terphenyl-d14	100	50.22	50		14	112
P2411-01	WCS-TPA	BF137852.D	2-Fluorophenol	150	86.12	57		18	112
			Phenol-d6	150	85.50	57		15	107
			Nitrobenzene-d5	100	57.89	58		18	107
			2-Fluorobiphenyl	100	58.75	59		20	109
			2,4,6-Tribromophenol	150	87.22	58		10	110
			Terphenyl-d14	100	69.38	69		14	112
P2412-01	SS-1-COMP	BF137855.D	2-Fluorophenol	150	75.58	50		18	112
			Phenol-d6	150	76.33	51		15	107
			Nitrobenzene-d5	100	51.68	52		18	107
			2-Fluorobiphenyl	100	51.34	51		20	109
			2,4,6-Tribromophenol	150	70.37	47		10	110
			Terphenyl-d14	100	49.86	50		14	112
P2413-01	WC-CC	BF137853.D	2-Fluorophenol	150	83.40	56		18	112
			Phenol-d6	150	82.72	55		15	107
			Nitrobenzene-d5	100	53.77	54		18	107
			2-Fluorobiphenyl	100	55.66	56		20	109
			2,4,6-Tribromophenol	150	80.96	54		10	110
			Terphenyl-d14	100	65.01	65		14	112
P2413-05	WC-EE	BF137854.D	2-Fluorophenol	150	81.70	54		18	112
			Phenol-d6	150	81.58	54		15	107
			Nitrobenzene-d5	100	51.79	52		18	107
			2-Fluorobiphenyl	100	53.94	54		20	109
			2,4,6-Tribromophenol	150	78.85	53		10	110
			Terphenyl-d14	100	63.80	64		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF050824

Lab Code: CHEM

SAS No.: BF050824

SDG NO.: BF050824

Lab File ID: BF137849.D

DFTPP Injection Date: 05/08/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.6
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.4
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	17.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF137850.D	05/08/2024	12:00
PB160756BL	PB160756BL	BF137851.D	05/08/2024	12:34
WCS-TPA	P2411-01	BF137852.D	05/08/2024	13:41
WC-CC	P2413-01	BF137853.D	05/08/2024	14:12
WC-EE	P2413-05	BF137854.D	05/08/2024	14:43
SS-1-COMP	P2412-01	BF137855.D	05/08/2024	15:14
ETGI-285	P2408-03	BF137856.D	05/08/2024	15:45