

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG No.: BF072524

Instrument ID: BNA_F Calibration Date/Time: 7/25/2024 1:12:27

Lab File ID: BF138648.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	0.898	0.882		-1.782	
Pyridine	1.379	1.436		4.133	
2-Fluorophenol	1.263	1.308		3.563	
Benzaldehyde	0.899	0.892		-0.779	
Aniline	1.573	1.601		1.78	
Phenol-d6	1.680	1.751		4.226	
Phenol	1.783	1.855		4.038	20.0
bis(2-Chloroethyl) ether	1.343	1.391		3.574	
2-Chlorophenol	1.335	1.374		2.921	
1,2-Dichlorobenzene	1.420	1.434		0.986	
1,3-Dichlorobenzene	1.501	1.536		2.332	
1,4-Dichlorobenzene	1.524	1.532		0.525	20.0
Benzyl Alcohol	1.261	1.332		5.63	
2-Methylphenol	1.094	1.158		5.85	
2,2-oxybis(1-Chloropropane)	2.640	2.416		-8.485	
Acetophenone	0.486	0.485		-0.206	
3+4-Methylphenols	1.378	1.415		2.685	
n-Nitroso-di-n-propylamine	1.038	1.046	0.050	0.771	
Nitrobenzene-d5	0.407	0.414		1.72	
Hexachloroethane	0.560	0.583		4.107	
Nitrobenzene	0.414	0.424		2.415	
Isophorone	0.700	0.700		0.0	
2-Nitrophenol	0.177	0.185		4.52	20.0
2,4-Dimethylphenol	0.218	0.219		0.459	
bis(2-Chloroethoxy) methane	0.418	0.429		2.632	
2,4-Dichlorophenol	0.283	0.280		-1.06	20.0
1,2,4-Trichlorobenzene	0.330	0.312		-5.455	
Benzoic acid	0.208	0.178		-14.423	
Naphthalene	1.040	1.042		0.192	
4-Chloroaniline	0.365	0.361		-1.096	
Hexachlorobutadiene	0.203	0.192		-5.419	20.0
Caprolactam	0.091	0.091		0.0	
4-Chloro-3-methylphenol	0.317	0.324		2.208	20.0
2-Methylnaphthalene	0.669	0.657		-1.794	
Hexachlorocyclopentadiene	0.181	0.194	0.050	7.182	
2,4,6-Trichlorophenol	0.356	0.349		-1.966	20.0
2-Fluorobiphenyl	1.280	1.297		1.328	
2,4,5-Trichlorophenol	0.391	0.377		-3.581	
1,1-Biphenyl	1.516	1.542		1.715	

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Lab File ID: BF138648.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	1.145	1.149		0.349	
2-Nitroaniline	0.397	0.420		5.793	
Dimethylphthalate	1.293	1.330		2.862	
Acenaphthylene	1.626	1.665		2.399	
2,6-Dinitrotoluene	0.298	0.308		3.356	
3-Nitroaniline	0.305	0.308		0.984	
Acenaphthene	1.081	1.109		2.59	20.0
2,4-Dinitrophenol	0.141	0.137	0.050	-2.837	
4-Nitrophenol	0.225	0.195	0.050	-13.333	
Dibenzofuran	1.567	1.576		0.574	
2,4-Dinitrotoluene	0.385	0.400		3.896	
Diethylphthalate	1.247	1.277		2.406	
4-Chlorophenyl-phenylether	0.623	0.603		-3.21	
Fluorene	1.240	1.265		2.016	
4-Nitroaniline	0.306	0.297		-2.941	
4,6-Dinitro-2-methylphenol	0.115	0.125		8.696	
n-Nitrosodiphenylamine	0.599	0.620		3.506	20.0
Azobenzene	1.340	1.367		2.015	
2,4,6-Tribromophenol	0.187	0.193		3.209	
4-Bromophenyl-phenylether	0.206	0.208		0.971	
Hexachlorobenzene	0.228	0.232		1.754	
Atrazine	0.199	0.180		-9.548	
Pentachlorophenol	0.135	0.118		-12.593	20.0
Phenanthrene	1.010	1.023		1.287	
Anthracene	1.003	1.008		0.499	
Carbazole	0.901	0.893		-0.888	
Di-n-butylphthalate	1.039	1.069		2.887	
Fluoranthene	1.031	0.976		-5.335	20.0
Benzidine	0.505	0.431		-14.653	
Pyrene	2.030	2.138		5.32	
Terphenyl-d14	1.228	1.331		8.388	
Butylbenzylphthalate	0.611	0.682		11.62	
3,3-Dichlorobenzidine	0.346	0.368		6.358	
Benzo(a)anthracene	1.342	1.351		0.671	
Chrysene	1.270	1.262		-0.63	
Bis(2-ethylhexyl)phthalate	0.651	0.735		12.903	
Di-n-octyl phthalate	1.029	1.171		13.8	20.0
Benzo(b)fluoranthene	1.126	1.213		7.726	
Benzo(k)fluoranthene	1.099	0.916		-16.652	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG No.: BF072524

Instrument ID: BNA_F Calibration Date/Time: 7/25/2024 12:27

Lab File ID: BF138648.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	0.989	0.986		-0.303	20.0
Indeno(1,2,3-cd)pyrene	1.343	1.319		-1.787	
Dibenzo(a,h)anthracene	1.099	1.052		-4.277	
Benzo(g,h,i)perylene	1.165	1.115		-4.292	
1,2,4,5-Tetrachlorobenzene	0.557	0.551		-1.077	
1,4-Dioxane	0.559	0.573		2.504	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.294		-4.854	
1-Methylnaphthalene	0.653	0.645		-1.225	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	PB162256BL	SDG No.:	BF072524
Lab Sample ID:	PB162256BL	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
BF138649.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	PB162256BL	SDG No.:	BF072524
Lab Sample ID:	PB162256BL	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
BF138649.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	PB162256BL	SDG No.:	BF072524
Lab Sample ID:	PB162256BL	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
BF138649.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

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	140.217		18-112		93	SPK: -150
13127-88-3	Phenol-d6	139.619		15-107		93	SPK: -150
4165-60-0	Nitrobenzene-d5	94.15		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	93.41		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	PB162256BL	SDG No.:	BF072524
Lab Sample ID:	PB162256BL	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
BF138649.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.782		10-110		91	SPK: -150
1718-51-0	Terphenyl-d14	109.345		14-112		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82432	6.851				
1146-65-2	Naphthalene-d8	334294	8.134				
15067-26-2	Acenaphthene-d10	186262	9.886				
1517-22-2	Phenanthrene-d10	326345	11.375				
1719-03-5	Chrysene-d12	166278	14.01				
1520-96-3	Perylene-d12	140145	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.104	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BL	SDG No.:	BF072524
Lab Sample ID:	PB162271BL	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
BF138650.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BL	SDG No.:	BF072524
Lab Sample ID:	PB162271BL	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
BF138650.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BL	SDG No.:	BF072524
Lab Sample ID:	PB162271BL	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
BF138650.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	143.696		18-112		96	SPK: -150
13127-88-3	Phenol-d6	143.819		15-107		96	SPK: -150
4165-60-0	Nitrobenzene-d5	94.629		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	94.918		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BL	SDG No.:	BF072524
Lab Sample ID:	PB162271BL	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
BF138650.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.252		10-110		93	SPK: -150
1718-51-0	Terphenyl-d14	111.292		14-112		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80158	6.851				
1146-65-2	Naphthalene-d8	332361	8.134				
15067-26-2	Acenaphthene-d10	183022	9.886				
1517-22-2	Phenanthrene-d10	321824	11.374				
1719-03-5	Chrysene-d12	160524	14.01				
1520-96-3	Perylene-d12	141233	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.104	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BS	SDG No.:	BF072524
Lab Sample ID:	PB162271BS	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
BF138651.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	180	270	330	ug/Kg
62-53-3	Aniline	1200		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1000		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	770		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BS	SDG No.:	BF072524
Lab Sample ID:	PB162271BS	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
BF138651.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	880		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	960		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	24800		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2500		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BS	SDG No.:	BF072524
Lab Sample ID:	PB162271BS	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
BF138651.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	910		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.598		18-112		83	SPK: -150
13127-88-3	Phenol-d6	125.491		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	83.459		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.369		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	PB162271BS	SDG No.:	BF072524
Lab Sample ID:	PB162271BS	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
BF138651.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.958		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	103.735		14-112		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90386	6.857				
1146-65-2	Naphthalene-d8	369007	8.139				
15067-26-2	Acenaphthene-d10	202918	9.892				
1517-22-2	Phenanthrene-d10	337673	11.38				
1719-03-5	Chrysene-d12	156222	14.015				
1520-96-3	Perylene-d12	162138	15.48				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-853-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138652.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-853-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138652.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-853-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-06	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
BF138652.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	98.537		18-112		66	SPK: -150
13127-88-3	Phenol-d6	100.28		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	63.812		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	63.289		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-853-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-06	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
BF138652.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.287		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	68.804		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67402	6.851				
1146-65-2	Naphthalene-d8	277064	8.134				
15067-26-2	Acenaphthene-d10	153402	9.886				
1517-22-2	Phenanthrene-d10	249217	11.375				
1719-03-5	Chrysene-d12	118232	14.01				
1520-96-3	Perylene-d12	133948	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.146	
004254-15-3	(S)-(+)-1,2-Propanediol	230	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.075	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	180	J			8.445	
	unknown9.986	3300	J			9.986	
000057-10-3	n-Hexadecanoic acid	97.9	J			11.898	
000506-17-2	cis-Vaccenic acid	75.3	J			12.463	
074339-54-1	Trichloroacetic acid, hexadecyl es	220	J			13.869	
007683-64-9	Supraene	79.9	J			14.851	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	CLEAN-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-02	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
BF138653.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	CLEAN-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-02	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
BF138653.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	CLEAN-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-02	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
BF138653.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	66.637		18-112		44	SPK: -150
13127-88-3	Phenol-d6	80.592		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	64.786		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	70.105		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	CLEAN-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-02	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
BF138653.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	43.209		10-110		29	SPK: -150
1718-51-0	Terphenyl-d14	55.005		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69109	6.851				
1146-65-2	Naphthalene-d8	282271	8.133				
15067-26-2	Acenaphthene-d10	142182	9.886				
1517-22-2	Phenanthrene-d10	182514	11.374				
1719-03-5	Chrysene-d12	117683	14.021				
1520-96-3	Perylene-d12	122355	15.48				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-03	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
BF138654.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-03	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
BF138654.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-03	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
BF138654.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	81.5	U	81.5	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.8	U	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	93.307		18-112		62	SPK: -150
13127-88-3	Phenol-d6	94.889		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	60.816		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	55.431		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-03	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
BF138654.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.446		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	58.046		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75698	6.851				
1146-65-2	Naphthalene-d8	309534	8.134				
15067-26-2	Acenaphthene-d10	168340	9.886				
1517-22-2	Phenanthrene-d10	275533	11.374				
1719-03-5	Chrysene-d12	126228	14.01				
1520-96-3	Perylene-d12	144468	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.14	
004254-15-3	(S)-(+)-1,2-Propanediol	81.5	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.075	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	190	J			8.445	
	unknown9.980	1500	J			9.98	
1000309-70-7	Oxalic acid, cyclobutyl heptadecyl	150	J			13.851	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BF138655.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BF138655.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BF138655.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	82.758		18-112		55	SPK: -150
13127-88-3	Phenol-d6	83.528		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	53.865		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	54.856		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BF138655.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.379		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	62.172		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63279	6.851				
1146-65-2	Naphthalene-d8	259373	8.133				
15067-26-2	Acenaphthene-d10	141467	9.886				
1517-22-2	Phenanthrene-d10	230844	11.369				
1719-03-5	Chrysene-d12	108045	14.01				
1520-96-3	Perylene-d12	121846	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.146	
004254-15-3	(S)-(+)-1,2-Propanediol	160	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.069	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.445	
	unknown9.980	88	J			9.98	
1000406-04-8	Pentadecafluorooctanoic acid, octa	240	J			13.851	
000593-49-7	Heptacosane	79.7	J			14.468	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-854-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-08	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
BF138656.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-854-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-08	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
BF138656.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	71.4	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	87.3	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



Client:			Date Collected:	7/24/2024 12:00:00 AM	
Project:			Date Received:	7/24/2024 12:00:00 AM	
Client Sample ID:	S-854-J-SO-2-2.5-072024		SDG No.:	BF072524	
Lab Sample ID:	P3357-08		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
BF138656.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.714		18-112		55	SPK: -150
13127-88-3	Phenol-d6	85.517		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	53.973		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	53.718		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-854-J-SO-2-2.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-08	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
BF138656.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.016		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	58.941		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71947	6.851				
1146-65-2	Naphthalene-d8	297382	8.134				
15067-26-2	Acenaphthene-d10	161671	9.886				
1517-22-2	Phenanthrene-d10	253763	11.369				
1719-03-5	Chrysene-d12	120063	14.01				
1520-96-3	Perylene-d12	139609	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.14	
004254-15-3	(S)-(+)-1,2-Propanediol	86.9	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.069	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	72	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	99.3	J			8.445	
	unknown9.986	2300	J			9.986	
1000282-98-2	Dichloroacetic acid, heptadecyl es	140	J			13.857	
	unknown14.974	1300	J			14.974	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-854-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138657.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	40.2	U	40.2	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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-854-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 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
BF138657.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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



Client:				Date Collected:	7/24/2024 12:00:00 AM	
Project:				Date Received:	7/24/2024 12:00:00 AM	
Client Sample ID:	S-854-J-SO-3-3.5-072024			SDG No.:	BF072524	
Lab Sample ID:	P3357-09			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.04	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
BF138657.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	112.18		18-112		75	SPK: -150
13127-88-3	Phenol-d6	114.065		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	73.12		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	72.982		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-854-J-SO-3-3.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 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
BF138657.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.461		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	80.917		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61571	6.851				
1146-65-2	Naphthalene-d8	259726	8.133				
15067-26-2	Acenaphthene-d10	140852	9.886				
1517-22-2	Phenanthrene-d10	229188	11.369				
1719-03-5	Chrysene-d12	104275	14.004				
1520-96-3	Perylene-d12	118718	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.157	
004254-15-3	(S)-(+)-1,2-Propanediol	130	J			3.381	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.075	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	150	J			8.445	
	unknown9.986	3500	J			9.986	
006971-40-0	17-Pentatriacontene	220	J			13.851	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-1-1.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-01	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
BF138658.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-1-1.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-01	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
BF138658.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	3092.5	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg



Client:				Date Collected:	7/24/2024 12:00:00 AM	
Project:				Date Received:	7/24/2024 12:00:00 AM	
Client Sample ID:	S-857-J-SO-1-1.5-072024			SDG No.:	BF072524	
Lab Sample ID:	P3357-01			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
BF138658.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	510		84	130	170	ug/Kg
120-12-7	Anthracene	100	J	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	550		81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	430		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	300		80.7	130	170	ug/Kg
218-01-9	Chrysene	260		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	380		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	270		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88.4	J	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	94.1	J	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	79.629		18-112		53	SPK: -150
13127-88-3	Phenol-d6	80.783		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	52.065		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	51.158		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-1-1.5-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-01	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
BF138658.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.752		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	46.415		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74441	6.851				
1146-65-2	Naphthalene-d8	306628	8.134				
15067-26-2	Acenaphthene-d10	164183	9.886				
1517-22-2	Phenanthrene-d10	254481	11.369				
1719-03-5	Chrysene-d12	129642	14.01				
1520-96-3	Perylene-d12	148453	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.134	
004254-15-3	(S)-(+)-1,2-Propanediol	140	J			3.363	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.069	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.445	
	unknown9.975	74.3	J			9.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	77.3	J			11.986	
959261-23-5	Heptafluorobutyric acid, pentadecy	99.6	J			13.851	
000198-55-0	Perylene	170	J			15.345	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-1.5-2-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138659.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	40.2	U	40.2	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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-1.5-2-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138659.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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



Client:				Date Collected:	7/24/2024 12:00:00 AM	
Project:				Date Received:	7/24/2024 12:00:00 AM	
Client Sample ID:	S-857-J-SO-1.5-2-072024			SDG No.:	BF072524	
Lab Sample ID:	P3357-02			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.04	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
BF138659.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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	120	J	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	120	J	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	95.8	J	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	109.401		18-112		73	SPK: -150
13127-88-3	Phenol-d6	112.879		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	70.514		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	66.22		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	S-857-J-SO-1.5-2-072024	SDG No.:	BF072524
Lab Sample ID:	P3357-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 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
BF138659.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.638		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	61.482		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67124	6.851				
1146-65-2	Naphthalene-d8	281271	8.134				
15067-26-2	Acenaphthene-d10	150910	9.886				
1517-22-2	Phenanthrene-d10	237205	11.369				
1719-03-5	Chrysene-d12	118339	14.004				
1520-96-3	Perylene-d12	132492	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.14	
004254-15-3	(S)-(+)-1,2-Propanediol	180	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.075	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			6.681	
000770-35-4	1-Phenoxypropan-2-ol	210	J			8.445	
	unknown9.975	210	J			9.975	
000057-10-3	n-Hexadecanoic acid	72.2	J			11.898	
959085-66-6	Heptadecyl heptafluorobutyrate	220	J			13.851	
000205-82-3	Benzo[j]fluoranthene	70.2	J			15.351	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	STAINED-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138660.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	STAINED-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138660.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	STAINED-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138660.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	37.933		18-112		25	SPK: -150
13127-88-3	Phenol-d6	44.345		15-107		30	SPK: -150
4165-60-0	Nitrobenzene-d5	36.287		18-107		36	SPK: -100
321-60-8	2-Fluorobiphenyl	38.642		20-109		39	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	STAINED-PADS	SDG No.:	BF072524
Lab Sample ID:	P3353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138660.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	32.094		10-110		21	SPK: -150
1718-51-0	Terphenyl-d14	25.005		14-112		25	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65333	6.851				
1146-65-2	Naphthalene-d8	223949	8.133				
15067-26-2	Acenaphthene-d10	100230	9.886				
1517-22-2	Phenanthrene-d10	129178	11.392				
1719-03-5	Chrysene-d12	134416	14.063				
1520-96-3	Perylene-d12	99364	15.498				

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SU-03-072324DL	SDG No.:	BF072524
Lab Sample ID:	P3339-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138661.D	5	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	900	D	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SU-03-072324DL	SDG No.:	BF072524
Lab Sample ID:	P3339-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138661.D	5	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	460	JD	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	350	JD	260	420	550	ug/Kg
Total PAH	Total PAH	19720	D	4280	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	620	D	270	420	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	940	D	280	420	550	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SU-03-072324DL	SDG No.:	BF072524
Lab Sample ID:	P3339-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138661.D	5	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	3600	D	270	420	550	ug/Kg
120-12-7	Anthracene	1000	D	270	420	550	ug/Kg
86-74-8	Carbazole	330	JD	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	3100	D	260	420	550	ug/Kg
92-87-5	Benzidine	530	U	530	870	1100	ug/Kg
129-00-0	Pyrene	1700	D	270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1700	D	260	420	550	ug/Kg
218-01-9	Chrysene	1300	D	260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	D	260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	700	D	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450	JD	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480	JD	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	310	JD	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.19		18-112		69	SPK: -150
13127-88-3	Phenol-d6	105.495		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	70.025		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	78.185		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SU-03-072324DL	SDG No.:	BF072524
Lab Sample ID:	P3339-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138661.D	5	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.455		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	56.155		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83711	6.851				
1146-65-2	Naphthalene-d8	325053	8.134				
15067-26-2	Acenaphthene-d10	160882	9.886				
1517-22-2	Phenanthrene-d10	202494	11.374				
1719-03-5	Chrysene-d12	148191	14.01				
1520-96-3	Perylene-d12	133147	15.474				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF072524
Lab Sample ID:	P3352-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138662.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57	U	57	180	220	ug/Kg
110-86-1	Pyridine	52.5	U	52.5	85.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.6	U	63.6	85.3	110	ug/Kg
108-95-2	Phenol	54.4	U	54.4	85.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	55	85.3	110	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	85.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	85.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.5	U	56.5	85.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.8	U	56.8	85.3	110	ug/Kg
100-51-6	Benzyl Alcohol	54.5	U	54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	52.9	U	52.9	85.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.7	U	59.7	85.3	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.4	U	52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	54.5	U	54.5	85.3	110	ug/Kg
98-95-3	Nitrobenzene	59.6	U	59.6	85.3	110	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	85.3	110	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.2	U	61.2	85.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.3	U	56.3	85.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.1	U	56.1	85.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.2	U	54.2	85.3	110	ug/Kg
106-47-8	4-Chloroaniline	54.2	U	54.2	85.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.7	U	54.7	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF072524
Lab Sample ID:	P3352-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138662.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57	U	57	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.9	U	50.9	85.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.2	U	54.2	85.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.9	U	46.9	85.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.6	U	48.6	85.3	110	ug/Kg
92-52-4	1,1-Biphenyl	57.4	U	57.4	85.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.7	U	54.7	85.3	110	ug/Kg
88-74-4	2-Nitroaniline	62.4	U	62.4	85.3	110	ug/Kg
131-11-3	Dimethylphthalate	53.6	U	53.6	85.3	110	ug/Kg
208-96-8	Acenaphthylene	56.8	U	56.8	85.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	54.6	85.3	110	ug/Kg
99-09-2	3-Nitroaniline	58.6	U	58.6	85.3	110	ug/Kg
83-32-9	Acenaphthene	53.2	U	53.2	85.3	110	ug/Kg
Total PAH	Total PAH	1252	U	869.8	85.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.2	U	76.2	180	220	ug/Kg
132-64-9	Dibenzofuran	55.4	U	55.4	85.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.2	U	111.2	85.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.6	U	56.6	85.3	110	ug/Kg
84-66-2	Diethylphthalate	52.6	U	52.6	85.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.2	U	56.2	85.3	110	ug/Kg
86-73-7	Fluorene	56.1	U	56.1	85.3	110	ug/Kg
100-01-6	4-Nitroaniline	70.2	U	70.2	85.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.8	U	76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.6	U	53.6	85.3	110	ug/Kg
103-33-3	Azobenzene	52.3	U	52.3	85.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.8	U	51.8	85.3	110	ug/Kg
118-74-1	Hexachlorobenzene	55.8	U	55.8	85.3	110	ug/Kg
1912-24-9	Atrazine	60	U	60	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF072524
Lab Sample ID:	P3352-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138662.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.7	U	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	210		55.1	85.3	110	ug/Kg
120-12-7	Anthracene	55.4	U	55.4	85.3	110	ug/Kg
86-74-8	Carbazole	52.7	U	52.7	85.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.3	U	55.3	85.3	110	ug/Kg
206-44-0	Fluoranthene	280		53.6	85.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	150		54.5	85.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.6	U	63.6	85.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.7	U	64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	120		53	85.3	110	ug/Kg
218-01-9	Chrysene	110		52.2	85.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.7	U	59.7	85.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.2	U	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	160		53.2	85.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.6	J	54.2	85.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	110		61.1	85.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.3	U	51.3	85.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.3	U	53.3	85.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.4	J	52.6	85.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	85.3	110	ug/Kg
123-91-1	1,4-Dioxane	72.2	U	72.2	85.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	85.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.6	U	54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	135.56		18-112		90	SPK: -150
13127-88-3	Phenol-d6	136.993		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	95.279		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	106.816		20-109		107	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF072524
Lab Sample ID:	P3352-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.05 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
BF138662.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.203		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	78.692		14-112		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76773	6.851				
1146-65-2	Naphthalene-d8	296439	8.134				
15067-26-2	Acenaphthene-d10	131576	9.886				
1517-22-2	Phenanthrene-d10	173049	11.369				
1719-03-5	Chrysene-d12	140548	14.01				
1520-96-3	Perylene-d12	103679	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.14	
004254-15-3	(S)-(+)-1,2-Propanediol	120	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.081	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.445	
	unknown9.980	550	J			9.98	
000057-10-3	n-Hexadecanoic acid	110	J			11.898	
074685-30-6	5-Eicosene, (E)-	120	J			13.845	

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF072524
Lab Sample ID:	P3352-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138663.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		57	180	220	ug/Kg
110-86-1	Pyridine	900		52.4	85.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	940		63.6	85.3	110	ug/Kg
108-95-2	Phenol	1100		54.4	85.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		54.9	85.3	110	ug/Kg
95-57-8	2-Chlorophenol	1100		54.8	85.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		55.5	85.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		56.4	85.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		56.8	85.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		52.9	85.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		59.7	85.3	110	ug/Kg
98-86-2	Acetophenone	1100		57	85.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.4	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	1000		54.5	85.3	110	ug/Kg
98-95-3	Nitrobenzene	1100		59.6	85.3	110	ug/Kg
78-59-1	Isophorone	1200		55.5	85.3	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62	85.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		61.2	85.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		56.3	85.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		49.5	85.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		56	85.3	110	ug/Kg
65-85-0	Benzoic acid	600		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		54.2	85.3	110	ug/Kg
106-47-8	4-Chloroaniline	630		54.2	85.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		54.7	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF072524
Lab Sample ID:	P3352-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138663.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	900		57	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		50.9	85.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		54.1	85.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		46.9	85.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		48.6	85.3	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		57.4	85.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		54.7	85.3	110	ug/Kg
88-74-4	2-Nitroaniline	1200		62.3	85.3	110	ug/Kg
131-11-3	Dimethylphthalate	1300		53.6	85.3	110	ug/Kg
208-96-8	Acenaphthylene	1200		56.8	85.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		54.6	85.3	110	ug/Kg
99-09-2	3-Nitroaniline	890		58.5	85.3	110	ug/Kg
83-32-9	Acenaphthene	1100		53.2	85.3	110	ug/Kg
Total PAH	Total PAH	18970		869.7	85.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	750		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1700		76.1	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		55.4	85.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		56.6	85.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		111.2	85.3	220	ug/Kg
84-66-2	Diethylphthalate	1200		52.6	85.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		56.2	85.3	110	ug/Kg
86-73-7	Fluorene	1000		56.1	85.3	110	ug/Kg
100-01-6	4-Nitroaniline	890		70.2	85.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670		76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		53.6	85.3	110	ug/Kg
103-33-3	Azobenzene	1100		52.2	85.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		51.8	85.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		55.8	85.3	110	ug/Kg
1912-24-9	Atrazine	1200		60	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF072524
Lab Sample ID:	P3352-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138663.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	1400		55.1	85.3	110	ug/Kg
120-12-7	Anthracene	1300		55.4	85.3	110	ug/Kg
86-74-8	Carbazole	1200		52.7	85.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		55.3	85.3	110	ug/Kg
206-44-0	Fluoranthene	1400		53.6	85.3	110	ug/Kg
92-87-5	Benzidine	1200		110	180	220	ug/Kg
129-00-0	Pyrene	990		54.5	85.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		63.5	85.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		53	85.3	110	ug/Kg
218-01-9	Chrysene	1200		52.2	85.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		59.7	85.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	E	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		53.2	85.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		54.2	85.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61	85.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		51.3	85.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		53.3	85.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910		52.6	85.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		57	85.3	110	ug/Kg
123-91-1	1,4-Dioxane	810		72.2	85.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		49	85.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	970		54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.053		18-112		84	SPK: -150
13127-88-3	Phenol-d6	125.578		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	88.228		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	98.252		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMS	SDG No.:	BF072524
Lab Sample ID:	P3352-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138663.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.94		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	79.35		14-112		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74539	6.857				
1146-65-2	Naphthalene-d8	280086	8.139				
15067-26-2	Acenaphthene-d10	123748	9.892				
1517-22-2	Phenanthrene-d10	171285	11.374				
1719-03-5	Chrysene-d12	128579	14.015				
1520-96-3	Perylene-d12	98529	15.474				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF072524
Lab Sample ID:	P3352-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138664.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		57	180	220	ug/Kg
110-86-1	Pyridine	930		52.5	85.4	110	ug/Kg
100-52-7	Benzaldehyde	120	J	120	180	220	ug/Kg
62-53-3	Aniline	930		63.6	85.4	110	ug/Kg
108-95-2	Phenol	1100		54.4	85.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		55	85.4	110	ug/Kg
95-57-8	2-Chlorophenol	1100		54.8	85.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		55.6	85.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		56.5	85.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		56.8	85.4	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		52.9	85.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		59.7	85.4	110	ug/Kg
98-86-2	Acetophenone	1100		57.1	85.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.5	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	1000		54.5	85.4	110	ug/Kg
98-95-3	Nitrobenzene	1100		59.6	85.4	110	ug/Kg
78-59-1	Isophorone	1200		55.6	85.4	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62.1	85.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		61.2	85.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		56.3	85.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		49.6	85.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		56.1	85.4	110	ug/Kg
65-85-0	Benzoic acid	610		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		54.2	85.4	110	ug/Kg
106-47-8	4-Chloroaniline	620		54.2	85.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		54.7	85.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF072524
Lab Sample ID:	P3352-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138664.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	910		57	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		50.9	85.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		54.2	85.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		46.9	85.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		48.6	85.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		57.4	85.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		54.7	85.4	110	ug/Kg
88-74-4	2-Nitroaniline	1200		62.4	85.4	110	ug/Kg
131-11-3	Dimethylphthalate	1300		53.6	85.4	110	ug/Kg
208-96-8	Acenaphthylene	1200		56.8	85.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		54.6	85.4	110	ug/Kg
99-09-2	3-Nitroaniline	910		58.6	85.4	110	ug/Kg
83-32-9	Acenaphthene	1100		53.3	85.4	110	ug/Kg
Total PAH	Total PAH	19490		870.1	85.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	760		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	76.2	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		55.4	85.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		111.2	85.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		56.6	85.4	110	ug/Kg
84-66-2	Diethylphthalate	1200		52.6	85.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		56.2	85.4	110	ug/Kg
86-73-7	Fluorene	1100		56.1	85.4	110	ug/Kg
100-01-6	4-Nitroaniline	960		70.3	85.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580		76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		53.6	85.4	110	ug/Kg
103-33-3	Azobenzene	1100		52.3	85.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		51.8	85.4	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		55.8	85.4	110	ug/Kg
1912-24-9	Atrazine	1100		60	85.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF072524
Lab Sample ID:	P3352-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138664.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	50.8	180	220	ug/Kg
85-01-8	Phenanthrene	1300		55.2	85.4	110	ug/Kg
120-12-7	Anthracene	1300		55.4	85.4	110	ug/Kg
86-74-8	Carbazole	1300		52.7	85.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		55.4	85.4	110	ug/Kg
206-44-0	Fluoranthene	1600		53.6	85.4	110	ug/Kg
92-87-5	Benzidine	1400		110	180	220	ug/Kg
129-00-0	Pyrene	1100		54.5	85.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		63.6	85.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		53	85.4	110	ug/Kg
218-01-9	Chrysene	1200		52.2	85.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800	E	59.8	85.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	E	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		53.3	85.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		54.2	85.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61.1	85.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.3	85.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.3	85.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		52.6	85.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		57	85.4	110	ug/Kg
123-91-1	1,4-Dioxane	840		72.2	85.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970		49.1	85.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	950		54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.436		18-112		84	SPK: -150
13127-88-3	Phenol-d6	123.545		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	90.668		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	100.433		20-109		100	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMPMSD	SDG No.:	BF072524
Lab Sample ID:	P3352-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138664.D	1	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.315		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	83.636		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77954	6.857				
1146-65-2	Naphthalene-d8	277788	8.139				
15067-26-2	Acenaphthene-d10	116904	9.892				
1517-22-2	Phenanthrene-d10	175836	11.374				
1719-03-5	Chrysene-d12	133184	14.015				
1520-96-3	Perylene-d12	100056	15.474				



Client:				Date Collected:	7/23/2024 12:00:00 AM	
Project:				Date Received:	7/23/2024 12:00:00 AM	
Client Sample ID:	SP-A-COMP			SDG No.:	BF072524	
Lab Sample ID:	P3343-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12.1	
Sample Wt/Vol:	30.04	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
BF138665.D	5	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490	U	490	1500	1900	ug/Kg
110-86-1	Pyridine	450	U	450	740	970	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1900	ug/Kg
62-53-3	Aniline	550	U	550	740	970	ug/Kg
108-95-2	Phenol	470	U	470	740	970	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	740	970	ug/Kg
95-57-8	2-Chlorophenol	470	U	470	740	970	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	740	970	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	740	970	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	740	970	ug/Kg
100-51-6	Benzyl Alcohol	470	U	470	1500	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	740	970	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	740	970	ug/Kg
98-86-2	Acetophenone	490	U	490	740	970	ug/Kg
65794-96-9	3+4-Methylphenols	450	U	450	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	450	450	ug/Kg
67-72-1	Hexachloroethane	470	U	470	740	970	ug/Kg
98-95-3	Nitrobenzene	520	U	520	740	970	ug/Kg
78-59-1	Isophorone	480	U	480	740	970	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	740	970	ug/Kg
105-67-9	2,4-Dimethylphenol	530	U	530	740	970	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	740	970	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	740	970	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	490	U	490	740	970	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1900	ug/Kg
91-20-3	Naphthalene	470	U	470	740	970	ug/Kg
106-47-8	4-Chloroaniline	470	U	470	740	970	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SP-A-COMP	SDG No.:	BF072524
Lab Sample ID:	P3343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138665.D	5	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490	U	490	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	440	U	440	740	970	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	740	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	890	U	890	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	740	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	740	970	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	740	970	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	740	970	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	740	970	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	740	970	ug/Kg
208-96-8	Acenaphthylene	490	U	490	740	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	740	970	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	740	970	ug/Kg
83-32-9	Acenaphthene	460	U	460	740	970	ug/Kg
Total PAH	Total PAH	7530	U	7530	740	15520	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	660	U	660	1500	1900	ug/Kg
132-64-9	Dibenzofuran	480	U	480	740	970	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960	U	960	740	1940	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	740	970	ug/Kg
84-66-2	Diethylphthalate	460	U	460	740	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	740	970	ug/Kg
86-73-7	Fluorene	490	U	490	740	970	ug/Kg
100-01-6	4-Nitroaniline	610	U	610	740	970	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	660	U	660	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	460	U	460	740	970	ug/Kg
103-33-3	Azobenzene	450	U	450	740	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	740	970	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	740	970	ug/Kg
1912-24-9	Atrazine	520	U	520	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SP-A-COMP	SDG No.:	BF072524
Lab Sample ID:	P3343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138665.D	5	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	440	U	440	1500	1900	ug/Kg
85-01-8	Phenanthrene	480	U	480	740	970	ug/Kg
120-12-7	Anthracene	480	U	480	740	970	ug/Kg
86-74-8	Carbazole	460	U	460	740	970	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	740	970	ug/Kg
206-44-0	Fluoranthene	1100		460	740	970	ug/Kg
92-87-5	Benzidine	930	U	930	1500	1900	ug/Kg
129-00-0	Pyrene	770	J	470	740	970	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	550	740	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	570	J	460	740	970	ug/Kg
218-01-9	Chrysene	490	J	450	740	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	740	970	ug/Kg
117-84-0	Di-n-octyl phthalate	620	U	620	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	780	J	460	740	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	470	U	470	740	970	ug/Kg
50-32-8	Benzo(a)pyrene	630	J	530	740	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440	U	440	740	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	740	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	460	U	460	740	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	740	970	ug/Kg
123-91-1	1,4-Dioxane	620	U	620	740	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	740	970	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	970	970	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.085		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.785		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.665		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	71.015		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	SP-A-COMP	SDG No.:	BF072524
Lab Sample ID:	P3343-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138665.D	5	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.875		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	61.19		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69018	6.851				
1146-65-2	Naphthalene-d8	243875	8.133				
15067-26-2	Acenaphthene-d10	103993	9.886				
1517-22-2	Phenanthrene-d10	174931	11.369				
1719-03-5	Chrysene-d12	124388	14.01				
1520-96-3	Perylene-d12	93977	15.474				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	OK-02-07242024	SDG No.:	BF072524
Lab Sample ID:	P3358-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138666.D	10	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1700	2100	ug/Kg
110-86-1	Pyridine	520	U	520	840	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	840	1100	ug/Kg
108-95-2	Phenol	530	U	530	840	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	840	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	840	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	840	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	840	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	840	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1700	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	840	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	840	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	840	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	840	1100	ug/Kg
98-95-3	Nitrobenzene	590	U	590	840	1100	ug/Kg
78-59-1	Isophorone	550	U	550	840	1100	ug/Kg
88-75-5	2-Nitrophenol	610	U	610	840	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	840	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	840	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	840	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	840	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	840	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	840	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	OK-02-07242024	SDG No.:	BF072524
Lab Sample ID:	P3358-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138666.D	10	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	840	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	840	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	840	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	840	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	840	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	840	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	840	1100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	840	1100	ug/Kg
208-96-8	Acenaphthylene	560	U	560	840	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	U	540	840	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	840	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	840	1100	ug/Kg
Total PAH	Total PAH	8530	U	8530	840	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	750	U	750	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	840	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100	U	1100	840	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	840	1100	ug/Kg
84-66-2	Diethylphthalate	520	U	520	840	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	840	1100	ug/Kg
86-73-7	Fluorene	550	U	550	840	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	840	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	U	750	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	840	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	840	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	840	1100	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	840	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	840	1100	ug/Kg



Client:			Date Collected:	7/24/2024 12:00:00 AM	
Project:			Date Received:	7/24/2024 12:00:00 AM	
Client Sample ID:	OK-02-07242024		SDG No.:	BF072524	
Lab Sample ID:	P3358-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	7.1	
Sample Wt/Vol:	50.08	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138666.D	10	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1700	2100	ug/Kg
85-01-8	Phenanthrene	540	U	540	840	1100	ug/Kg
120-12-7	Anthracene	540	U	540	840	1100	ug/Kg
86-74-8	Carbazole	520	U	520	840	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	840	1100	ug/Kg
206-44-0	Fluoranthene	530	U	530	840	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1700	2100	ug/Kg
129-00-0	Pyrene	540	U	540	840	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	840	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	520	U	520	840	1100	ug/Kg
218-01-9	Chrysene	510	U	510	840	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590	U	590	840	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	710	U	710	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	840	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	U	530	840	1100	ug/Kg
50-32-8	Benzo(a)pyrene	600	U	600	840	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	500	U	500	840	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	840	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520	U	520	840	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	840	1100	ug/Kg
123-91-1	1,4-Dioxane	710	U	710	840	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	840	1100	ug/Kg
90-12-0	1-Methylnaphthalene	540	U	540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69		18-112		46	SPK: -150
13127-88-3	Phenol-d6	72.07		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	53.03		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	60.79		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	OK-02-07242024	SDG No.:	BF072524
Lab Sample ID:	P3358-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138666.D	10	7/25/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.39		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	60.55		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68982	6.851				
1146-65-2	Naphthalene-d8	227756	8.134				
15067-26-2	Acenaphthene-d10	96805	9.886				
1517-22-2	Phenanthrene-d10	169384	11.375				
1719-03-5	Chrysene-d12	118806	14.01				
1520-96-3	Perylene-d12	91351	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown9.981	830	J			9.981	

Hit Summary Sheet SW-846

SDG No.: BF072524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SU-03-072324DL								
P3339-01DL	SU-03-072324DL	Solid	1-Methylnaphthalene	310.000	JD	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	2-Methylnaphthalene	460.000	JD	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Acenaphthene	350.000	JD	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Anthracene	1,000.000	D	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Benzo(a)anthracene	1,700.000	D	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Benzo(a)pyrene	1,500.000	D	300	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Benzo(b)fluoranthene	2,000.000	D	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Benzo(g,h,i)perylene	480.000	JD	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Benzo(k)fluoranthene	700.000	D	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Carbazole	330.000	JD	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Chrysene	1,300.000	D	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Dibenzofuran	620.000	D	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Fluoranthene	3,100.000	D	260	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Fluorene	940.000	D	280	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Indeno(1,2,3-cd)pyrene	450.000	JD	250	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Naphthalene	900.000	D	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Phenanthrene	3,600.000	D	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Pyrene	1,700.000	D	270	550	ug/Kg
P3339-01DL	SU-03-072324DL	Solid	Total PAH	19,720.000	D	4280	8800	ug/Kg
Total Svoc :				41,160.00				
Total Concentration:				41,160.00				
Client ID : SP-A-COMP								
P3343-01	SP-A-COMP	Solid	Benzo(a)anthracene	570.000	J	460	970	ug/Kg
P3343-01	SP-A-COMP	Solid	Benzo(a)pyrene	630.000	J	530	970	ug/Kg
P3343-01	SP-A-COMP	Solid	Benzo(b)fluoranthene	780.000	J	460	970	ug/Kg
P3343-01	SP-A-COMP	Solid	Chrysene	490.000	J	450	970	ug/Kg
P3343-01	SP-A-COMP	Solid	Fluoranthene	1,100.000		460	970	ug/Kg
P3343-01	SP-A-COMP	Solid	Pyrene	770.000	J	470	970	ug/Kg
Total Svoc :				4,340.00				
Total Concentration:				4,340.00				
Client ID : SOIL-COMP								
P3352-01	SOIL-COMP	Solid	(S)-(+)-1,2-Propanediol	*	120.000	J		
P3352-01	SOIL-COMP	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3352-01	SOIL-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3352-01	SOIL-COMP	Solid	5-Eicosene, (E)-	*	120.000	J		
P3352-01	SOIL-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		

Hit Summary Sheet SW-846

SDG No.: BF072524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3352-01	SOIL-COMP	Solid	n-Hexadecanoic acid	*	110.000	J		
P3352-01	SOIL-COMP	Solid	unknown9.980	*	550.000	J		
Total Tics :					2,800.00			
P3352-01	SOIL-COMP	Solid	Benzo(a)anthracene		120.000	53	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Benzo(a)pyrene		110.000	61.1	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Benzo(b)fluoranthene		160.000	53.2	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Benzo(g,h,i)perylene		57.400	J 52.6	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Benzo(k)fluoranthene		54.600	J 54.2	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Chrysene		110.000	52.2	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Fluoranthene		280.000	53.6	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Phenanthrene		210.000	55.1	110	ug/Kg
P3352-01	SOIL-COMP	Solid	Pyrene		150.000	54.5	110	ug/Kg
Total Svoc :					1,252.00			
Total Concentration:					4,052.00			

Client ID : S-857-J-SO-1-1.5-072024

P3357-01	S-857-J-SO-1-1.5-072024	Solid	(S)-(+)-1,2-Propanediol	*	140.000	J		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	4H-Cyclopenta[def]phenanthrene	*	77.300	J		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Heptafluorobutyric acid, pentadec	*	99.600	J		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Perylene	*	170.000	J		
P3357-01	S-857-J-SO-1-1.5-072024	Solid	unknown9.975	*	74.300	J		
Total Tics :					2,521.20			
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Anthracene		100.000	J 84.4	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Benzo(a)anthracene		300.000	80.7	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Benzo(a)pyrene		270.000	93	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Benzo(b)fluoranthene		380.000	81.1	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Benzo(g,h,i)perylene		94.100	J 80.1	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Benzo(k)fluoranthene		110.000	J 82.6	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Chrysene		260.000	79.5	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Fluoranthene		550.000	81.7	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Indeno(1,2,3-cd)pyrene		88.400	J 78.1	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Phenanthrene		510.000	84	170	ug/Kg
P3357-01	S-857-J-SO-1-1.5-072024	Solid	Pyrene		430.000	83	170	ug/Kg
Total Svoc :					3,092.50			
Total Concentration:					5,613.70			

Client ID : S-857-J-SO-1.5-2-072024

P3357-02	S-857-J-SO-1.5-2-072024	Solid	(S)-(+)-1,2-Propanediol	*	180.000	J		
P3357-02	S-857-J-SO-1.5-2-072024	Solid	1-Phenoxypropan-2-ol	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BF072524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3357-02	S-857-J-SO-1.5-2-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Benzo[j]fluoranthene *	70.200	J			
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Butane, 2-methoxy-2-methyl- *	2,400.000	J			
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	120.000	J			
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Heptadecyl heptafluorobutyrate *	220.000	J			
P3357-02	S-857-J-SO-1.5-2-072024	Solid	n-Hexadecanoic acid *	72.200	J			
P3357-02	S-857-J-SO-1.5-2-072024	Solid	unknown9.975 *	210.000	J			
Total Tics :				3,692.40				
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Fluoranthene	120.000	J	81.6	170	ug/Kg
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Phenanthrene	120.000	J	83.9	170	ug/Kg
P3357-02	S-857-J-SO-1.5-2-072024	Solid	Pyrene	95.800	J	82.9	170	ug/Kg
Total Svoc :				335.80				
Total Concentration:				4,028.20				
Client ID : S-857-J-SO-2-2.5-072024								
P3357-03	S-857-J-SO-2-2.5-072024	Solid	(S)(+)-1,2-Propanediol *	81.500	J			
P3357-03	S-857-J-SO-2-2.5-072024	Solid	1-Phenoxypropan-2-ol *	190.000	J			
P3357-03	S-857-J-SO-2-2.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P3357-03	S-857-J-SO-2-2.5-072024	Solid	Butane, 2-methoxy-2-methyl- *	1,800.000	J			
P3357-03	S-857-J-SO-2-2.5-072024	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	110.000	J			
P3357-03	S-857-J-SO-2-2.5-072024	Solid	Oxalic acid, cyclobutyl heptadecy *	150.000	J			
P3357-03	S-857-J-SO-2-2.5-072024	Solid	unknown9.980 *	1,500.000	J			
Total Tics :				4,011.50				
Total Concentration:				4,011.50				
Client ID : S-857-J-SO-3-3.5-072024								
P3357-04	S-857-J-SO-3-3.5-072024	Solid	(S)(+)-1,2-Propanediol *	160.000	J			
P3357-04	S-857-J-SO-3-3.5-072024	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P3357-04	S-857-J-SO-3-3.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
P3357-04	S-857-J-SO-3-3.5-072024	Solid	Butane, 2-methoxy-2-methyl- *	2,100.000	J			
P3357-04	S-857-J-SO-3-3.5-072024	Solid	Heptacosane *	79.700	J			
P3357-04	S-857-J-SO-3-3.5-072024	Solid	Pentadecafluorooctanoic acid, oct: *	240.000	J			
P3357-04	S-857-J-SO-3-3.5-072024	Solid	unknown9.980 *	88.000	J			
Total Tics :				2,937.70				
Total Concentration:				2,937.70				
Client ID : S-853-J-SO-3-3.5-072024								
P3357-06	S-853-J-SO-3-3.5-072024	Solid	(S)(+)-1,2-Propanediol *	230.000	J			
P3357-06	S-853-J-SO-3-3.5-072024	Solid	1-Phenoxypropan-2-ol *	180.000	J			
P3357-06	S-853-J-SO-3-3.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P3357-06	S-853-J-SO-3-3.5-072024	Solid	Butane, 2-methoxy-2-methyl- *	2,400.000	J			
P3357-06	S-853-J-SO-3-3.5-072024	Solid	cis-Vaccenic acid *	75.300	J			

Hit Summary Sheet SW-846

SDG No.: BF072524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3357-06	S-853-J-SO-3-3.5-072024	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	120.000	J		
P3357-06	S-853-J-SO-3-3.5-072024	Solid	n-Hexadecanoic acid	*	97.900	J		
P3357-06	S-853-J-SO-3-3.5-072024	Solid	Supraene	*	79.900	J		
P3357-06	S-853-J-SO-3-3.5-072024	Solid	Trichloroacetic acid, hexadecyl es	*	220.000	J		
P3357-06	S-853-J-SO-3-3.5-072024	Solid	unknown9.986	*	3,300.000	J		
Total Tics :					6,883.10			
Total Concentration:					6,883.10			
Client ID : S-854-J-SO-2-2.5-072024								
P3357-08	S-854-J-SO-2-2.5-072024	Solid	(S)-(+)-1,2-Propanediol	*	86.900	J		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	1-Phenoxypropan-2-ol	*	99.300	J		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	Dichloroacetic acid, heptadecyl es	*	140.000	J		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	72.000	J		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	unknown14.974	*	1,300.000	J		
P3357-08	S-854-J-SO-2-2.5-072024	Solid	unknown9.986	*	2,300.000	J		
Total Tics :					5,958.20			
Total Concentration:					5,958.20			
Client ID : S-854-J-SO-3-3.5-072024								
P3357-09	S-854-J-SO-3-3.5-072024	Solid	(S)-(+)-1,2-Propanediol	*	130.000	J		
P3357-09	S-854-J-SO-3-3.5-072024	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3357-09	S-854-J-SO-3-3.5-072024	Solid	17-Pentatriacontene	*	220.000	J		
P3357-09	S-854-J-SO-3-3.5-072024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3357-09	S-854-J-SO-3-3.5-072024	Solid	Butane, 2-methoxy-2-methyl-	*	2,600.000	J		
P3357-09	S-854-J-SO-3-3.5-072024	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P3357-09	S-854-J-SO-3-3.5-072024	Solid	unknown9.986	*	3,500.000	J		
Total Tics :					6,920.00			
Total Concentration:					6,920.00			
Client ID : OK-02-07242024								
P3358-01	OK-02-07242024	Solid	unknown9.981	*	830.000	J		
Total Tics :					830.00			
Total Concentration:					830.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D			RRF005 = BF138483.D		RRF010 = BF138484.D	
		RRF020 = BF138485.D			RRF040 = BF138486.D		RRF050 = BF138487.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.886	0.873	0.934	0.921	0.878	0.898	2.6
Pyridine		1.375	1.370	1.480	1.389	1.347	1.379	3.5
2-Fluorophenol		1.362	1.335	1.352	1.265	1.191	1.263	7.1
Benzaldehyde		0.919	0.990	1.043	0.879	0.805	0.899	12.0
Aniline		1.678	1.615	1.712	1.595	1.476	1.573	6.6
Phenol-d6		1.825	1.753	1.808	1.671	1.588	1.680	7.0
Phenol		1.947	1.887	1.901	1.770	1.673	1.783	7.2
bis(2-Chloroethyl)ether		1.415	1.360	1.406	1.350	1.297	1.343	4.4
2-Chlorophenol		1.440	1.367	1.456	1.337	1.285	1.335	7.1
1,2-Dichlorobenzene		1.565	1.518	1.521	1.419	1.334	1.420	8.4
1,3-Dichlorobenzene		1.613	1.577	1.610	1.500	1.428	1.501	6.8
1,4-Dichlorobenzene		1.663	1.580	1.631	1.536	1.446	1.524	7.1
Benzyl Alcohol		1.313	1.289	1.365	1.272	1.219	1.261	5.6
2-Methylphenol		1.157	1.118	1.171	1.099	1.046	1.094	5.4
2,2-oxybis(1-Chloropropane)		2.833	2.775	2.810	2.665	2.526	2.640	6.8
Acetophenone		0.548	0.523	0.509	0.469	0.452	0.486	8.5
3+4-Methylphenols		1.555	1.486	1.488	1.362	1.277	1.378	9.7
n-Nitroso-di-n-propylamine	1.131	1.137	1.068	1.089	1.022	0.962	1.038	7.8
Nitrobenzene-d5		0.432	0.416	0.425	0.406	0.393	0.407	4.6
Hexachloroethane		0.573	0.571	0.600	0.566	0.545	0.560	4.4
Nitrobenzene		0.433	0.421	0.432	0.415	0.403	0.414	3.8
Isophorone		0.742	0.720	0.733	0.686	0.666	0.700	4.6
2-Nitrophenol		0.170	0.168	0.187	0.180	0.178	0.177	4.0
2,4-Dimethylphenol		0.229	0.223	0.226	0.217	0.208	0.218	4.0
bis(2-Chloroethoxy)methane		0.458	0.425	0.438	0.413	0.398	0.418	5.8
2,4-Dichlorophenol		0.292	0.288	0.302	0.283	0.275	0.283	4.3
1,2,4-Trichlorobenzene		0.361	0.343	0.347	0.326	0.314	0.330	6.5
Benzoic acid		0.169	0.186	0.201	0.219	0.225	0.208	11.3
Naphthalene		1.162	1.093	1.101	1.022	0.974	1.040	7.7
4-Chloroaniline		0.388	0.369	0.382	0.356	0.352	0.365	4.3
Hexachlorobutadiene		0.221	0.210	0.214	0.200	0.195	0.203	6.0
Caprolactam		0.093	0.093	0.095	0.091	0.088	0.091	2.8
4-Chloro-3-methylphenol		0.340	0.327	0.334	0.312	0.303	0.317	5.3
2-Methylnaphthalene		0.757	0.709	0.710	0.646	0.626	0.669	8.4
Hexachlorocyclopentadiene			0.142	0.174	0.189	0.189	0.181	11.4
2,4,6-Trichlorophenol		0.376	0.358	0.365	0.353	0.347	0.356	3.5

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.: BF070924

SAS No.: BF070924

SDG No.: BF070924

Instrument ID: _____

Calibration Date(s): 7/9/2024 1: _____

Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D		RRF005 = BF138483.D		RRF010 = BF138484.D		
		RRF020 = BF138485.D		RRF040 = BF138486.D		RRF050 = BF138487.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.504	1.403	1.347	1.224	1.184	1.280	11.0
2,4,5-Trichlorophenol		0.409	0.391	0.409	0.395	0.382	0.391	3.7
1,1-Biphenyl		1.691	1.598	1.602	1.476	1.433	1.516	7.6
2-Chloronaphthalene		1.264	1.200	1.178	1.127	1.092	1.145	6.3
2-Nitroaniline		0.403	0.393	0.406	0.403	0.391	0.397	1.9
Dimethylphthalate		1.391	1.360	1.336	1.275	1.238	1.293	5.3
Acenaphthylene		1.803	1.733	1.686	1.593	1.550	1.626	7.3
2,6-Dinitrotoluene		0.306	0.300	0.309	0.302	0.288	0.298	3.1
3-Nitroaniline		0.316	0.309	0.311	0.308	0.300	0.305	2.8
Acenaphthene		1.215	1.146	1.121	1.048	1.026	1.081	7.6
2,4-Dinitrophenol			0.105	0.126	0.147	0.152	0.141	15.4
4-Nitrophenol		0.215	0.221	0.228	0.231	0.228	0.225	2.9
Dibenzofuran		1.781	1.676	1.639	1.527	1.495	1.567	8.7
2,4-Dinitrotoluene		0.385	0.385	0.410	0.388	0.382	0.385	3.6
Diethylphthalate		1.360	1.321	1.301	1.227	1.189	1.247	6.5
4-Chlorophenyl-phenylether		0.721	0.673	0.662	0.600	0.578	0.623	10.1
Fluorene		1.424	1.325	1.319	1.200	1.165	1.240	9.4
4-Nitroaniline		0.309	0.310	0.314	0.305	0.305	0.306	2.5
4,6-Dinitro-2-methylphenol		0.090	0.099	0.118	0.122	0.124	0.115	13.0
n-Nitrosodiphenylamine		0.642	0.629	0.629	0.593	0.577	0.599	5.7
Azobenzene		1.478	1.407	1.410	1.312	1.281	1.340	6.9
2,4,6-Tribromophenol		0.202	0.199	0.194	0.185	0.178	0.187	6.2
4-Bromophenyl-phenylether		0.220	0.213	0.218	0.203	0.197	0.206	5.7
Hexachlorobenzene		0.251	0.239	0.239	0.223	0.218	0.228	6.4
Atrazine		0.219	0.207	0.212	0.197	0.191	0.199	7.4
Pentachlorophenol		0.116	0.124	0.142	0.138	0.143	0.135	8.1
Phenanthrene		1.136	1.090	1.058	0.985	0.954	1.010	8.4
Anthracene		1.103	1.072	1.071	0.980	0.952	1.003	7.8
Carbazole		0.995	0.983	0.968	0.880	0.854	0.901	9.0
Di-n-butylphthalate		1.138	1.092	1.109	1.020	1.000	1.039	7.3
Fluoranthene		1.203	1.149	1.114	0.996	0.961	1.031	12.3
Benzidine		0.452	0.523	0.625	0.510	0.498	0.505	14.0
Pyrene		1.980	1.956	2.061	2.100	2.024	2.030	2.9
Terphenyl-d14		1.251	1.204	1.281	1.252	1.199	1.228	3.0
Butylbenzylphthalate		0.588	0.567	0.626	0.634	0.613	0.611	4.3
3,3-Dichlorobenzidine		0.378	0.346	0.362	0.347	0.328	0.346	5.5

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.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D			RRF005 = BF138483.D		RRF010 = BF138484.D	
		RRF020 = BF138485.D			RRF040 = BF138486.D		RRF050 = BF138487.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.457	1.364	1.404	1.337	1.266	1.342	5.4
Chrysene		1.386	1.301	1.324	1.254	1.196	1.270	5.6
Bis(2-ethylhexyl)phthalate		0.576	0.574	0.644	0.684	0.674	0.651	8.6
Di-n-octyl phthalate			0.824	0.919	1.036	1.051	1.029	13.8
Benzo(b)fluoranthene		1.306	1.224	1.197	1.073	1.032	1.126	10.2
Benzo(k)fluoranthene		1.269	1.215	1.193	1.056	0.993	1.099	11.3
Benzo(a)pyrene		1.068	1.003	1.034	0.976	0.951	0.989	4.8
Indeno(1,2,3-cd)pyrene		1.091	1.212	1.442	1.471	1.401	1.343	10.3
Dibenzo(a,h)anthracene		0.906	0.999	1.180	1.213	1.143	1.099	9.9
Benzo(g,h,i)perylene		0.946	1.049	1.262	1.270	1.210	1.165	10.4
1,2,4,5-Tetrachlorobenzene		0.603	0.584	0.580	0.550	0.531	0.557	5.7
1,4-Dioxane		0.566	0.563	0.582	0.571	0.549	0.559	2.9
2,3,4,6-Tetrachlorophenol		0.303	0.311	0.329	0.311	0.305	0.309	3.4
1-Methylnaphthalene		0.736	0.692	0.688	0.644	0.613	0.653	8.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138486.D Time Analyzed: 12:57

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	96160	6.869	383936	8.15	215266	9.90
	UPPER LIMIT	192320	7.369	767872	8.651	430532	10.404
	LOWER LIMIT	48080	6.369	191968	7.651	107633	9.404
	EPA SAMPLE NO.						
01	PB162256BL	82432	6.85	334294	8.13	186262	9.89
02	PB162271BL	80158	6.85	332361	8.13	183022	9.89
03	PB162271BS	90386	6.86	369007	8.14	202918	9.89
04	S-853-J-SO-3-3.5-072024	67402	6.85	277064	8.13	153402	9.89
05	CLEAN-PADS	69109	6.85	282271	8.13	142182	9.89
06	S-857-J-SO-2-2.5-072024	75698	6.85	309534	8.13	168340	9.89
07	S-857-J-SO-3-3.5-072024	63279	6.85	259373	8.13	141467	9.89
08	S-854-J-SO-2-2.5-072024	71947	6.85	297382	8.13	161671	9.89
09	S-854-J-SO-3-3.5-072024	61571	6.85	259726	8.13	140852	9.89
10	S-857-J-SO-1-1.5-072024	74441	6.85	306628	8.13	164183	9.89
11	S-857-J-SO-1.5-2-072024	67124	6.85	281271	8.13	150910	9.89
12	STAINED-PADS	65333	6.85	223949	8.13	100230 *	9.89
13	SU-03-072324DL	83711	6.85	325053	8.13	160882	9.89
14	SOIL-COMP	76773	6.85	296439	8.13	131576	9.89
15	SOIL-COMPMS	74539	6.86	280086	8.14	123748	9.89
16	SOIL-COMPMSD	77954	6.86	277788	8.14	116904	9.89
17	SP-A-COMP	69018	6.85	243875	8.13	103993 *	9.89
18	OK-02-07242024	68982	6.85	227756	8.13	96805 *	9.89

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138486.D Time Analyzed: 21:53

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	96160	6.869	383936	8.15	215266	9.90
UPPER LIMIT	192320	7.369	767872	8.651	430532	10.404
LOWER LIMIT	48080	6.369	191968	7.651	107633	9.404
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138648.D Time Analyzed: 12:57

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	86248	6.857	346359	8.14	184985	9.89
	UPPER LIMIT	172496	7.357	692718	8.639	369970	10.392
	LOWER LIMIT	43124	6.357	173179.5	7.639	92492.5	9.392
	EPA SAMPLE NO.						
01	PB162256BL	82432	6.85	334294	8.13	186262	9.89
02	PB162271BL	80158	6.85	332361	8.13	183022	9.89
03	PB162271BS	90386	6.86	369007	8.14	202918	9.89
04	S-853-J-SO-3-3.5-072024	67402	6.85	277064	8.13	153402	9.89
05	CLEAN-PADS	69109	6.85	282271	8.13	142182	9.89
06	S-857-J-SO-2-2.5-072024	75698	6.85	309534	8.13	168340	9.89
07	S-857-J-SO-3-3.5-072024	63279	6.85	259373	8.13	141467	9.89
08	S-854-J-SO-2-2.5-072024	71947	6.85	297382	8.13	161671	9.89
09	S-854-J-SO-3-3.5-072024	61571	6.85	259726	8.13	140852	9.89
10	S-857-J-SO-1-1.5-072024	74441	6.85	306628	8.13	164183	9.89
11	S-857-J-SO-1.5-2-072024	67124	6.85	281271	8.13	150910	9.89
12	STAINED-PADS	65333	6.85	223949	8.13	100230	9.89
13	SU-03-072324DL	83711	6.85	325053	8.13	160882	9.89
14	SOIL-COMP	76773	6.85	296439	8.13	131576	9.89
15	SOIL-COMPMS	74539	6.86	280086	8.14	123748	9.89
16	SOIL-COMPMSD	77954	6.86	277788	8.14	116904	9.89
17	SP-A-COMP	69018	6.85	243875	8.13	103993	9.89
18	OK-02-07242024	68982	6.85	227756	8.13	96805	9.89

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138648.D Time Analyzed: 21:53

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	86248	6.857	346359	8.14	184985	9.89
UPPER LIMIT	172496	7.357	692718	8.639	369970	10.392
LOWER LIMIT	43124	6.357	173179.5	7.639	92492.5	9.392
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138486.D Time Analyzed: 12:57

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	374771	11.386	178592	14.027	166880	15.486
	UPPER LIMIT	749542	11.886	357184	14.527	333760	15.986
	LOWER LIMIT	187385.5	10.886	89296	13.527	83440	14.986
	EPA SAMPLE NO.						
01	PB162256BL	326345	11.38	166278	14.01	140145	15.48
02	PB162271BL	321824	11.37	160524	14.01	141233	15.47
03	PB162271BS	337673	11.38	156222	14.02	162138	15.48
04	S-853-J-SO-3-3.5-072024	249217	11.38	118232	14.01	133948	15.47
05	CLEAN-PADS	182514 *	11.37	117683	14.02	122355	15.48
06	S-857-J-SO-2-2.5-072024	275533	11.37	126228	14.01	144468	15.47
07	S-857-J-SO-3-3.5-072024	230844	11.37	108045	14.01	121846	15.47
08	S-854-J-SO-2-2.5-072024	253763	11.37	120063	14.01	139609	15.47
09	S-854-J-SO-3-3.5-072024	229188	11.37	104275	14.00	118718	15.47
10	S-857-J-SO-1-1.5-072024	254481	11.37	129642	14.01	148453	15.47
11	S-857-J-SO-1.5-2-072024	237205	11.37	118339	14.00	132492	15.47
12	STAINED-PADS	129178 *	11.39	134416	14.06	99364	15.50
13	SU-03-072324DL	202494	11.37	148191	14.01	133147	15.47
14	SOIL-COMP	173049 *	11.37	140548	14.01	103679	15.47
15	SOIL-COMPMS	171285 *	11.37	128579	14.02	98529	15.47
16	SOIL-COMPMSD	175836 *	11.37	133184	14.02	100056	15.47
17	SP-A-COMP	174931 *	11.37	124388	14.01	93977	15.47
18	OK-02-07242024	169384 *	11.38	118806	14.01	91351	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138486.D Time Analyzed: 21:53

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	374771	11.386	178592	14.027	166880	15.486
UPPER LIMIT	749542	11.886	357184	14.527	333760	15.986
LOWER LIMIT	187385.5	10.886	89296	13.527	83440	14.986
EPA SAMPLE NO.						

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.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138648.D Time Analyzed: 12:57

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	314382	11.38	141260	14.015	154041	15.48
	UPPER LIMIT	628764	11.88	282520	14.515	308082	15.98
	LOWER LIMIT	157191	10.88	70630	13.515	77020.5	14.98
	EPA SAMPLE NO.						
01	PB162256BL	326345	11.38	166278	14.01	140145	15.48
02	PB162271BL	321824	11.37	160524	14.01	141233	15.47
03	PB162271BS	337673	11.38	156222	14.02	162138	15.48
04	S-853-J-SO-3-3.5-072024	249217	11.38	118232	14.01	133948	15.47
05	CLEAN-PADS	182514	11.37	117683	14.02	122355	15.48
06	S-857-J-SO-2-2.5-072024	275533	11.37	126228	14.01	144468	15.47
07	S-857-J-SO-3-3.5-072024	230844	11.37	108045	14.01	121846	15.47
08	S-854-J-SO-2-2.5-072024	253763	11.37	120063	14.01	139609	15.47
09	S-854-J-SO-3-3.5-072024	229188	11.37	104275	14.00	118718	15.47
10	S-857-J-SO-1-1.5-072024	254481	11.37	129642	14.01	148453	15.47
11	S-857-J-SO-1.5-2-072024	237205	11.37	118339	14.00	132492	15.47
12	STAINED-PADS	129178 *	11.39	134416	14.06	99364	15.50
13	SU-03-072324DL	202494	11.37	148191	14.01	133147	15.47
14	SOIL-COMP	173049	11.37	140548	14.01	103679	15.47
15	SOIL-COMPMS	171285	11.37	128579	14.02	98529	15.47
16	SOIL-COMPMSD	175836	11.37	133184	14.02	100056	15.47
17	SP-A-COMP	174931	11.37	124388	14.01	93977	15.47
18	OK-02-07242024	169384	11.38	118806	14.01	91351	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF072524 SAS No.: BF072524 SDG NO.: BF072524

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

Lab File ID: BF138648.D Time Analyzed: 21:53

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	314382	11.38	141260	14.015	154041	15.48
UPPER LIMIT	628764	11.88	282520	14.515	308082	15.98
LOWER LIMIT	157191	10.88	70630	13.515	77020.5	14.98
EPA SAMPLE NO.						

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.: BF072524

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162271BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	190	ug/Kg	11				10	147	
	Aniline	1700	1200	ug/Kg	71				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1000	ug/Kg	59				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	770	ug/Kg	45				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	880	ug/Kg	52		*		67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	960	ug/Kg	56				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24800	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF072524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162271BS	4-Nitrophenol	3300	2500	ug/Kg	76				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotolc	3400	3000	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	2500	ug/Kg	76				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	910	ug/Kg	28				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162256BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF072524

SAS No.: BF072524 SDG NO.: BF072524

Lab File ID: BF138649.D

Lab Sample ID: PB162256BL

Instrument ID: BNA_F

Date Extracted: 07/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/25/2024

Level: (low/med) LOW

Time Analyzed: 12:57

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.

PB162271BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF072524

SAS No.: BF072524 SDG NO.: BF072524

Lab File ID: BF138650.D

Lab Sample ID: PB162271BL

Instrument ID: BNA_F

Date Extracted: 07/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/25/2024

Level: (low/med) LOW

Time Analyzed: 13:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162271BS	PB162271BS	BF138651.D	07/25/2024
S-853-J-SO-3-3.5-072024	P3357-06	BF138652.D	07/25/2024
CLEAN-PADS	P3353-02	BF138653.D	07/25/2024
S-857-J-SO-2-2.5-072024	P3357-03	BF138654.D	07/25/2024
S-857-J-SO-3-3.5-072024	P3357-04	BF138655.D	07/25/2024
S-854-J-SO-2-2.5-072024	P3357-08	BF138656.D	07/25/2024
S-854-J-SO-3-3.5-072024	P3357-09	BF138657.D	07/25/2024
S-857-J-SO-1-1.5-072024	P3357-01	BF138658.D	07/25/2024
S-857-J-SO-1.5-2-072024	P3357-02	BF138659.D	07/25/2024
STAINED-PADS	P3353-01	BF138660.D	07/25/2024
SOIL-COMP	P3352-01	BF138662.D	07/25/2024
SOIL-COMPMS	P3352-01MS	BF138663.D	07/25/2024
SOIL-COMPMSD	P3352-01MSD	BF138664.D	07/25/2024
SP-A-COMP	P3343-01	BF138665.D	07/25/2024
OK-02-07242024	P3358-01	BF138666.D	07/25/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF072524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3352-01MS		Client Sample ID: SOIL-COMPMS		DataFile: BF138663.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		900	ug/Kg	82				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	
Aniline	1100		940	ug/Kg	85				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				52	115	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				53	132	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				83	144	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		600	ug/Kg	55				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		630	ug/Kg	57				10	100	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		900	ug/Kg	82				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2200		1300	ug/Kg	59				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		890	ug/Kg	81				20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600	1252	18970	ug/Kg	108				70	121	
2,4-Dinitrophenol	2200		750	ug/Kg	34				16	160	
4-Nitrophenol	2200		1700	ug/Kg	77				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF072524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		890	ug/Kg	81				55	120	
4,6-Dinitro-2-methylphenol	1100		670	ug/Kg	61				32	145	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118				65	121	
Hexachlorobenzene	1100		1200	ug/Kg	109				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		1900	ug/Kg	86				47	128	
Phenanthrene	1100	210	1400	ug/Kg	108				72	113	
Anthracene	1100	0	1300	ug/Kg	118				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1300	ug/Kg	118				69	118	
Fluoranthene	1100	280	1400	ug/Kg	102				59	125	
Benzydine	2200		1200	ug/Kg	55				10	119	
Pyrene	1100	150	990	ug/Kg	76				52	128	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		1300	ug/Kg	118				10	164	
Benzo(a)anthracene	1100	120	1300	ug/Kg	107				71	114	
Chrysene	1100	110	1200	ug/Kg	99				57	121	
bis(2-Ethylhexyl)phthalate	1100		1700	ug/Kg	155	*			66	127	
Di-n-octyl phthalate	1100		1800	ug/Kg	164	*			71	126	
Benzo(b)fluoranthene	1100	160	1500	ug/Kg	122	*			67	121	
Benzo(k)fluoranthene	1100	54.6	1300	ug/Kg	113				74	114	
Benzo(a)pyrene	1100	110	1300	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91				61	125	
Dibenz(a,h)anthracene	1100		970	ug/Kg	88				67	130	
Benzo(g,h,i)perylene	1100	57.4	910	ug/Kg	78				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		810	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1100		960	ug/Kg	87				56	133	
1-Methylnaphthalene	1100		970	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF072524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3352-01MSD		Client Sample ID: SOIL-COMPMSD		DataFile: BF138664.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		9		66	124	20
Pyridine	1100		930	ug/Kg	85		4		45	119	20
Benzaldehyde	1100		120	ug/Kg	11	*	200	*	26	163	20
Aniline	1100		930	ug/Kg	85		0		10	88	20
Phenol	1100		1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		0		61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		9		61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91		0		62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		990	ug/Kg	90		1		52	115	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		1200	ug/Kg	109		0		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		8		83	144	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		0		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		0		57	103	20
Benzoic acid	1100		610	ug/Kg	55		0		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		620	ug/Kg	56		2		10	100	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		0		66	114	20
Caprolactam	1100		910	ug/Kg	83		1		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		2		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		0		59	123	20
Hexachlorocyclopentadiene	2200		1200	ug/Kg	55		7		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		0		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		0		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	0		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		910	ug/Kg	83		2		20	111	20
Acenaphthene	1100		1100	ug/Kg	100		0		70	121	20
Total PAH	17600	1252	19490	ug/Kg	111		3		70	121	20
2,4-Dinitrophenol	2200		760	ug/Kg	35		3		16	160	20
4-Nitrophenol	2200		1900	ug/Kg	86		11		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF072524

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		5		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		0		70	112	20
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91		0		71	108	20
Fluorene	1100		1100	ug/Kg	100		9		68	116	20
4-Nitroaniline	1100		960	ug/Kg	87		7		55	120	20
4,6-Dinitro-2-methylphenol	1100		580	ug/Kg	53		14		32	145	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		8		73	118	20
Azobenzene	1100		1100	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		17		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		9		67	118	20
Atrazine	1100		1100	ug/Kg	100		9		79	127	20
Pentachlorophenol	2200		2000	ug/Kg	91		6		47	128	20
Phenanthrene	1100	210	1300	ug/Kg	99		9		72	113	20
Anthracene	1100	0	1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1300	ug/Kg	118		8		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		0		69	118	20
Fluoranthene	1100	280	1600	ug/Kg	120		16		59	125	20
Benzydine	2200		1400	ug/Kg	64		15		10	119	20
Pyrene	1100	150	1100	ug/Kg	86		12		52	128	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	7		64	126	20
3,3-Dichlorobenzidine	1100		1400	ug/Kg	127		7		10	164	20
Benzo(a)anthracene	1100	120	1300	ug/Kg	107		0		71	114	20
Chrysene	1100	110	1200	ug/Kg	99		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1800	ug/Kg	164	*	6		66	127	20
Di-n-octyl phthalate	1100		1800	ug/Kg	164	*	0		71	126	20
Benzo(b)fluoranthene	1100	160	1400	ug/Kg	113		8		67	121	20
Benzo(k)fluoranthene	1100	54.6	1400	ug/Kg	122	*	8		74	114	20
Benzo(a)pyrene	1100	110	1300	ug/Kg	108		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100		9		61	125	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		3		67	130	20
Benzo(g,h,i)perylene	1100	57.4	990	ug/Kg	85		9		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		9		69	124	20
1,4-Dioxane	1100		840	ug/Kg	76		3		46	112	20
2,3,4,6-Tetrachlorophenol	1100		970	ug/Kg	88		1		56	133	20
1-Methylnaphthalene	1100		950	ug/Kg	86		2		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF072524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3339-01DL	SU-03-072324DL	BF138661.D	2-Fluorophenol	150	103.19	69		18	112
			Phenol-d6	150	105.50	70		15	107
			Nitrobenzene-d5	100	70.03	70		18	107
			2-Fluorobiphenyl	100	78.19	78		20	109
			2,4,6-Tribromophenol	150	65.46	44		10	110
			Terphenyl-d14	100	56.16	56		14	112
PB162256BL	PB162256BL	BF138649.D	2-Fluorophenol	150	140.22	93		18	112
			Phenol-d6	150	139.62	93		15	107
			Nitrobenzene-d5	100	94.15	94		18	107
			2-Fluorobiphenyl	100	93.41	93		20	109
			2,4,6-Tribromophenol	150	136.78	91		10	110
			Terphenyl-d14	100	109.35	109		14	112

Surrogate Summary

SW-846

SDG No.: **BF072524**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3343-01	SP-A-COMP	BF138665.D	2-Fluorophenol	150	91.09	61		18	112
			Phenol-d6	150	89.79	60		15	107
			Nitrobenzene-d5	100	63.67	64		18	107
			2-Fluorobiphenyl	100	71.02	71		20	109
			2,4,6-Tribromophenol	150	81.88	55		10	110
			Terphenyl-d14	100	61.19	61		14	112
P3352-01	SOIL-COMP	BF138662.D	2-Fluorophenol	150	135.56	90		18	112
			Phenol-d6	150	136.99	91		15	107
			Nitrobenzene-d5	100	95.28	95		18	107
			2-Fluorobiphenyl	100	106.82	107		20	109
			2,4,6-Tribromophenol	150	112.20	75		10	110
			Terphenyl-d14	100	78.69	79		14	112
P3352-01MS	SOIL-COMPMS	BF138663.D	2-Fluorophenol	150	126.05	84		18	112
			Phenol-d6	150	125.58	84		15	107
			Nitrobenzene-d5	100	88.23	88		18	107
			2-Fluorobiphenyl	100	98.25	98		20	109
			2,4,6-Tribromophenol	150	109.94	73		10	110
			Terphenyl-d14	100	79.35	79		14	112
P3352-01MSD	SOIL-COMPMSD	BF138664.D	2-Fluorophenol	150	125.44	84		18	112
			Phenol-d6	150	123.55	82		15	107
			Nitrobenzene-d5	100	90.67	91		18	107
			2-Fluorobiphenyl	100	100.43	100		20	109
			2,4,6-Tribromophenol	150	115.32	77		10	110
			Terphenyl-d14	100	83.64	84		14	112
P3353-01	STAINED-PADS	BF138660.D	2-Fluorophenol	150	37.93	25		18	112
			Phenol-d6	150	44.35	30		15	107
			Nitrobenzene-d5	100	36.29	36		18	107
			2-Fluorobiphenyl	100	38.64	39		20	109
			2,4,6-Tribromophenol	150	32.09	21		10	110
			Terphenyl-d14	100	25.01	25		14	112
P3353-02	CLEAN-PADS	BF138653.D	2-Fluorophenol	150	66.64	44		18	112
			Phenol-d6	150	80.59	54		15	107
			Nitrobenzene-d5	100	64.79	65		18	107
			2-Fluorobiphenyl	100	70.11	70		20	109
			2,4,6-Tribromophenol	150	43.21	29		10	110
			Terphenyl-d14	100	55.01	55		14	112
P3357-01	S-857-J-SO-1-1.5-0	BF138658.D	2-Fluorophenol	150	79.63	53		18	112
			Phenol-d6	150	80.78	54		15	107
			Nitrobenzene-d5	100	52.07	52		18	107
			2-Fluorobiphenyl	100	51.16	51		20	109
			2,4,6-Tribromophenol	150	71.75	48		10	110
			Terphenyl-d14	100	46.42	46		14	112
P3357-02	S-857-J-SO-1.5-2-0	BF138659.D	2-Fluorophenol	150	109.40	73		18	112
			Phenol-d6	150	112.88	75		15	107
			Nitrobenzene-d5	100	70.51	71		18	107
			2-Fluorobiphenyl	100	66.22	66		20	109
			2,4,6-Tribromophenol	150	99.64	66		10	110
			Terphenyl-d14	100	61.48	61		14	112
P3357-03	S-857-J-SO-2-2.5-0	BF138654.D	2-Fluorophenol	150	93.31	62		18	112

Surrogate Summary

SW-846

SDG No.: **BF072524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3357-03	S-857-J-SO-2-2.5-0 BF138654.D		Phenol-d6	150	94.89	63		15	107
			Nitrobenzene-d5	100	60.82	61		18	107
			2-Fluorobiphenyl	100	55.43	55		20	109
			2,4,6-Tribromophenol	150	86.45	58		10	110
			Terphenyl-d14	100	58.05	58		14	112
P3357-04	S-857-J-SO-3-3.5-0 BF138655.D		2-Fluorophenol	150	82.76	55		18	112
			Phenol-d6	150	83.53	56		15	107
			Nitrobenzene-d5	100	53.87	54		18	107
			2-Fluorobiphenyl	100	54.86	55		20	109
			2,4,6-Tribromophenol	150	80.38	54		10	110
P3357-06	S-853-J-SO-3-3.5-0 BF138652.D		Terphenyl-d14	100	62.17	62		14	112
			2-Fluorophenol	150	98.54	66		18	112
			Phenol-d6	150	100.28	67		15	107
			Nitrobenzene-d5	100	63.81	64		18	107
			2-Fluorobiphenyl	100	63.29	63		20	109
P3357-08	S-854-J-SO-2-2.5-0 BF138656.D		2,4,6-Tribromophenol	150	93.29	62		10	110
			Terphenyl-d14	100	68.80	69		14	112
			2-Fluorophenol	150	82.71	55		18	112
			Phenol-d6	150	85.52	57		15	107
			Nitrobenzene-d5	100	53.97	54		18	107
P3357-09	S-854-J-SO-3-3.5-0 BF138657.D		2-Fluorobiphenyl	100	53.72	54		20	109
			2,4,6-Tribromophenol	150	78.02	52		10	110
			Terphenyl-d14	100	58.94	59		14	112
			2-Fluorophenol	150	112.18	75		18	112
			Phenol-d6	150	114.07	76		15	107
P3358-01	OK-02-07242024 BF138666.D		Nitrobenzene-d5	100	73.12	73		18	107
			2-Fluorobiphenyl	100	72.98	73		20	109
			2,4,6-Tribromophenol	150	104.46	70		10	110
			Terphenyl-d14	100	80.92	81		14	112
			2-Fluorophenol	150	69.00	46		18	112
PB162271BL	PB162271BL BF138650.D		Phenol-d6	150	72.07	48		15	107
			Nitrobenzene-d5	100	53.03	53		18	107
			2-Fluorobiphenyl	100	60.79	61		20	109
			2,4,6-Tribromophenol	150	66.39	44		10	110
			Terphenyl-d14	100	60.55	61		14	112
PB162271BS	PB162271BS BF138651.D		2-Fluorophenol	150	143.70	96		18	112
			Phenol-d6	150	143.82	96		15	107
			Nitrobenzene-d5	100	94.63	95		18	107
			2-Fluorobiphenyl	100	94.92	95		20	109
			2,4,6-Tribromophenol	150	139.25	93		10	110
			Terphenyl-d14	100	111.29	111		14	112
			2-Fluorophenol	150	124.60	83		18	112
			Phenol-d6	150	125.49	84		15	107
			Nitrobenzene-d5	100	83.46	83		18	107
			2-Fluorobiphenyl	100	82.37	82		20	109
			2,4,6-Tribromophenol	150	128.96	86		10	110
			Terphenyl-d14	100	103.74	104		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF072524

Lab Code: CHEM

SAS No.: BF072524

SDG NO.: BF072524

Lab File ID: BF138647.D

DFTPP Injection Date: 07/25/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.4
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	48.3
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	27.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF138648.D	07/25/2024	12:27
PB162256BL	PB162256BL	BF138649.D	07/25/2024	12:57
PB162271BL	PB162271BL	BF138650.D	07/25/2024	13:31
PB162271BS	PB162271BS	BF138651.D	07/25/2024	14:01
S-853-J-SO-3-3.5-072024	P3357-06	BF138652.D	07/25/2024	14:49
CLEAN-PADS	P3353-02	BF138653.D	07/25/2024	15:18
S-857-J-SO-2-2.5-072024	P3357-03	BF138654.D	07/25/2024	15:49
S-857-J-SO-3-3.5-072024	P3357-04	BF138655.D	07/25/2024	16:19
S-854-J-SO-2-2.5-072024	P3357-08	BF138656.D	07/25/2024	16:50
S-854-J-SO-3-3.5-072024	P3357-09	BF138657.D	07/25/2024	17:20
S-857-J-SO-1-1.5-072024	P3357-01	BF138658.D	07/25/2024	17:50
S-857-J-SO-1.5-2-072024	P3357-02	BF138659.D	07/25/2024	18:21
STAINED-PADS	P3353-01	BF138660.D	07/25/2024	18:52
SU-03-072324DL	P3339-01DL	BF138661.D	07/25/2024	19:22
SOIL-COMP	P3352-01	BF138662.D	07/25/2024	19:53
SOIL-COMPMS	P3352-01MS	BF138663.D	07/25/2024	20:23
SOIL-COMPMSD	P3352-01MSD	BF138664.D	07/25/2024	20:53
SP-A-COMP	P3343-01	BF138665.D	07/25/2024	21:23

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF072524

Lab Code: CHEM

SAS No.: BF072524

SDG NO.: BF072524

Lab File ID: BF138647.D

DFTPP Injection Date: 07/25/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.4
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	48.3
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	27.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
OK-02-07242024	P3358-01	BF138666.D	07/25/2024	21:53