

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM082824 SAS No.: BM082824 SDG No.: BM082824

Instrument ID: BNA_M Calibration Date/Time: 8/28/2024 1:09:37

Lab File ID: BM047373.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.482	0.471		-2.282	
Pyridine	1.184	1.153		-2.618	
2-Fluorophenol	1.042	1.063		2.015	
Benzaldehyde	0.783	0.774		-1.149	
Aniline	1.286	1.270		-1.244	
Phenol-d6	1.420	1.384		-2.535	
Phenol	1.397	1.358		-2.792	20.0
bis(2-Chloroethyl)ether	1.211	1.167		-3.633	
2-Chlorophenol	1.167	1.158		-0.771	
1,2-Dichlorobenzene	1.369	1.354		-1.096	
1,3-Dichlorobenzene	1.427	1.448		1.472	
1,4-Dichlorobenzene	1.445	1.467		1.522	20.0
Benzyl Alcohol	0.985	0.988		0.305	
2-Methylphenol	0.971	0.938		-3.399	
2,2-oxybis(1-Chloropropane)	1.452	1.371		-5.579	
Acetophenone	0.464	0.462		-0.431	
3+4-Methylphenols	1.350	1.284		-4.889	
n-Nitroso-di-n-propylamine	0.976	0.863	0.050	-11.578	
Nitrobenzene-d5	0.360	0.364		1.111	
Hexachloroethane	0.540	0.539		-0.185	
Nitrobenzene	0.371	0.377		1.617	
Isophorone	0.681	0.662		-2.79	
2-Nitrophenol	0.182	0.194		6.593	20.0
2,4-Dimethylphenol	0.206	0.216		4.854	
bis(2-Chloroethoxy)methane	0.417	0.416		-0.24	
2,4-Dichlorophenol	0.319	0.341		6.897	20.0
1,2,4-Trichlorobenzene	0.369	0.383		3.794	
Benzoic acid	0.246	0.251		2.033	
Naphthalene	0.977	0.991		1.433	
4-Chloroaniline	0.363	0.368		1.377	
Hexachlorobutadiene	0.230	0.244		6.087	20.0
Caprolactam	0.103	0.103		0.0	
4-Chloro-3-methylphenol	0.324	0.327		0.926	20.0
2-Methylnaphthalene	0.712	0.708		-0.562	
Hexachlorocyclopentadiene	0.187	0.182	0.050	-2.674	
2,4,6-Trichlorophenol	0.406	0.430		5.911	20.0
2-Fluorobiphenyl	1.302	1.351		3.763	
2,4,5-Trichlorophenol	0.451	0.477		5.765	
1,1-Biphenyl	1.397	1.436		2.792	

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Instrument ID: BNA_M Calibration Date/Time: 8/28/2024 1:09:37

Lab File ID: BM047373.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.094	1.133		3.565	
2-Nitroaniline	0.307	0.319		3.909	
Dimethylphthalate	1.378	1.405		1.959	
Acenaphthylene	1.591	1.634		2.703	
2,6-Dinitrotoluene	0.321	0.335		4.361	
3-Nitroaniline	0.296	0.317		7.095	
Acenaphthene	1.010	1.031		2.079	20.0
2,4-Dinitrophenol	0.198	0.204	0.050	3.03	
4-Nitrophenol	0.231	0.244	0.050	5.628	
Dibenzofuran	1.626	1.655		1.784	
2,4-Dinitrotoluene	0.415	0.437		5.301	
Diethylphthalate	1.359	1.380		1.545	
4-Chlorophenyl-phenylether	0.670	0.682		1.791	
Fluorene	1.316	1.344		2.128	
4-Nitroaniline	0.274	0.302		10.219	
4,6-Dinitro-2-methylphenol	0.123	0.135		9.756	
n-Nitrosodiphenylamine	0.547	0.562		2.742	20.0
Azobenzene	1.184	1.178		-0.507	
2,4,6-Tribromophenol	0.241	0.252		4.564	
4-Bromophenyl-phenylether	0.211	0.219		3.791	
Hexachlorobenzene	0.244	0.253		3.689	
Atrazine	0.179	0.154		-13.966	
Pentachlorophenol	0.158	0.162		2.532	20.0
Phenanthrene	0.971	1.001		3.09	
Anthracene	0.947	0.994		4.963	
Carbazole	0.909	0.967		6.381	
Di-n-butylphthalate	1.106	1.174		6.148	
Fluoranthene	1.140	1.214		6.491	20.0
Benzidine	0.334	0.713		113.473	
Pyrene	1.534	1.560		1.695	
Terphenyl-d14	1.124	1.157		2.936	
Butylbenzylphthalate	0.600	0.652		8.667	
3,3-Dichlorobenzidine	0.439	0.499		13.667	
Benzo(a)anthracene	1.304	1.353		3.758	
Chrysene	1.227	1.266		3.178	
Bis(2-ethylhexyl)phthalate	0.848	0.874		3.066	
Di-n-octyl phthalate	1.428	1.542		7.983	20.0
Benzo(b)fluoranthene	1.167	1.153		-1.2	
Benzo(k)fluoranthene	1.106	1.108		0.181	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM082824 SAS No.: BM082824 SDG No.: BM082824

Instrument ID: BNA_M Calibration Date/Time: 8/28/2024 1:09:37

Lab File ID: BM047373.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.009	1.032		2.279	20.0
Indeno(1,2,3-cd)pyrene	1.252	1.358		8.466	
Dibenzo(a,h)anthracene	1.014	1.100		8.481	
Benzo(g,h,i)perylene	1.054	1.160		10.057	
1,2,4,5-Tetrachlorobenzene	0.592	0.638		7.77	
1,4-Dioxane	0.427	0.431		0.937	20.0
2,3,4,6-Tetrachlorophenol	0.370	0.379		2.432	
1-Methylnaphthalene	0.704	0.701		-0.426	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BL	SDG No.:	BM082824
Lab Sample ID:	PB163019BL	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
BM047374.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

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:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BL	SDG No.:	BM082824
Lab Sample ID:	PB163019BL	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
BM047374.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

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

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BL	SDG No.:	BM082824
Lab Sample ID:	PB163019BL	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
BM047374.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

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	124.53		18-112		83	SPK: -150
13127-88-3	Phenol-d6	117.944		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	80.136		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	78.503		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BL	SDG No.:	BM082824
Lab Sample ID:	PB163019BL	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
BM047374.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.87		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	83.682		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	319753	7.346				
1146-65-2	Naphthalene-d8	1193598	10.104				
15067-26-2	Acenaphthene-d10	833306	14.01				
1517-22-2	Phenanthrene-d10	1762506	16.78				
1719-03-5	Chrysene-d12	1400710	21.021				
1520-96-3	Perylene-d12	1341862	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.563	

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BS	SDG No.:	BM082824
Lab Sample ID:	PB163019BS	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
BM047375.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1200		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	840		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1800		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1200		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BS	SDG No.:	BM082824
Lab Sample ID:	PB163019BS	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
BM047375.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	27000		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1600		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BS	SDG No.:	BM082824
Lab Sample ID:	PB163019BS	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
BM047375.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1700		84	130	170	ug/Kg
120-12-7	Anthracene	1800		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	3500	E	160	270	330	ug/Kg
129-00-0	Pyrene	1900		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.7	130	170	ug/Kg
218-01-9	Chrysene	1700		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.459		18-112		92	SPK: -150
13127-88-3	Phenol-d6	131.681		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	90.585		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	91.895		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	PB163019BS	SDG No.:	BM082824
Lab Sample ID:	PB163019BS	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
BM047375.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.736		10-116		91	SPK: -150
1718-51-0	Terphenyl-d14	113.339	*	10-105		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281145	7.351				
1146-65-2	Naphthalene-d8	1059844	10.104				
15067-26-2	Acenaphthene-d10	695266	14.01				
1517-22-2	Phenanthrene-d10	1360725	16.78				
1719-03-5	Chrysene-d12	856512	21.021				
1520-96-3	Perylene-d12	812940	23.721				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM082824
Lab Sample ID:	P3737-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
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
BM047376.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.9	U	93.9	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.4	U	97.4	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.4	U	98.4	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.1	U	98.1	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.4	U	99.4	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.5	U	97.5	320	390	ug/Kg
95-48-7	2-Methylphenol	94.7	U	94.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.8	U	93.8	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	94	94	ug/Kg
67-72-1	Hexachloroethane	97.5	U	97.5	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.4	U	99.4	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.7	U	88.7	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.1	U	97.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.1	U	97.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.9	U	97.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM082824
Lab Sample ID:	P3737-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
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
BM047376.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.1	U	91.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.9	U	96.9	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.9	U	83.9	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87	U	87	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.9	U	97.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96	U	96	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.8	U	97.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95.3	U	95.3	150	200	ug/Kg
Total PAH	Total PAH	1555.7	U	1555.7	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.2	U	99.2	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.8	U	197.8	150	400	ug/Kg
84-66-2	Diethylphthalate	94.1	U	94.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.9	U	95.9	150	200	ug/Kg
103-33-3	Azobenzene	93.5	U	93.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.7	U	92.7	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.9	U	99.9	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM082824
Lab Sample ID:	P3737-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
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
BM047376.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.8	U	90.8	320	390	ug/Kg
85-01-8	Phenanthrene	98.7	U	98.7	150	200	ug/Kg
120-12-7	Anthracene	99.2	U	99.2	150	200	ug/Kg
86-74-8	Carbazole	94.4	U	94.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.1	U	99.1	150	200	ug/Kg
206-44-0	Fluoranthene	170	J	96	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	130	J	97.5	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	94.8	150	200	ug/Kg
218-01-9	Chrysene	150	J	93.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	95.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	97.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.8	U	91.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.4	U	95.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.1	U	94.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.8	U	87.8	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.8	U	97.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.325		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.201		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	51.578		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	47.243		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM082824
Lab Sample ID:	P3737-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
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
BM047376.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.578		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	41.58		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243497	7.345				
1146-65-2	Naphthalene-d8	919690	10.104				
15067-26-2	Acenaphthene-d10	642964	14.01				
1517-22-2	Phenanthrene-d10	1419475	16.774				
1719-03-5	Chrysene-d12	1288894	21.021				
1520-96-3	Perylene-d12	1239467	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.557	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	95.6	J			6.981	
000770-35-4	1-Phenoxypropan-2-ol	140	J			10.863	
	unknown14.245	810	J			14.245	
	unknown14.268	660	J			14.268	
000544-63-8	Tetradecanoic acid	120	J			16.215	
000057-10-3	n-Hexadecanoic acid	1400	J			17.721	
087345-53-7	3,5-Dimethoxy-4-hydroxycinnamaldehy	140	J			17.992	
020675-96-1	trans-Sinapyl alcohol	150	J			18.039	
001478-61-1	4,4-(Hexafluoroisopropylidene)dip	170	J			18.256	
000057-11-4	Octadecanoic acid	610	J			19.015	
000301-02-0	9-Octadecenamide, (Z)-	250	J			20.162	
1000406-04-8	Pentadecafluorooctanoic acid, octa	160	J			20.75	
001928-30-9	Tricosane, 2-methyl-	97.1	J			21.162	
000646-31-1	Tetracosane	88.9	J			21.739	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BM082824
Lab Sample ID:	P3739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BM047377.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63	U	63	200	240	ug/Kg
110-86-1	Pyridine	58	U	58	94.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.4	U	70.4	94.4	120	ug/Kg
108-95-2	Phenol	60.2	U	60.2	94.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.8	U	60.8	94.4	120	ug/Kg
95-57-8	2-Chlorophenol	60.6	U	60.6	94.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.4	U	61.4	94.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.4	U	62.4	94.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62.8	U	62.8	94.4	120	ug/Kg
100-51-6	Benzyl Alcohol	60.3	U	60.3	200	240	ug/Kg
95-48-7	2-Methylphenol	58.5	U	58.5	94.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	94.4	120	ug/Kg
98-86-2	Acetophenone	63.1	U	63.1	94.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.9	U	57.9	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.3	U	29.3	58.1	58.1	ug/Kg
67-72-1	Hexachloroethane	60.3	U	60.3	94.4	120	ug/Kg
98-95-3	Nitrobenzene	65.9	U	65.9	94.4	120	ug/Kg
78-59-1	Isophorone	61.4	U	61.4	94.4	120	ug/Kg
88-75-5	2-Nitrophenol	68.6	U	68.6	94.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.7	U	67.7	94.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.3	U	62.3	94.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.8	U	54.8	94.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62	U	62	94.4	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60	U	60	94.4	120	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	94.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.5	U	60.5	94.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BM082824
Lab Sample ID:	P3739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BM047377.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63	U	63	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.3	U	56.3	94.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	59.9	U	59.9	94.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.8	U	51.8	94.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.7	U	53.7	94.4	120	ug/Kg
92-52-4	1,1-Biphenyl	63.5	U	63.5	94.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.5	U	60.5	94.4	120	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	94.4	120	ug/Kg
131-11-3	Dimethylphthalate	59.3	U	59.3	94.4	120	ug/Kg
208-96-8	Acenaphthylene	62.8	U	62.8	94.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.4	U	60.4	94.4	120	ug/Kg
99-09-2	3-Nitroaniline	64.8	U	64.8	94.4	120	ug/Kg
83-32-9	Acenaphthene	58.9	U	58.9	94.4	120	ug/Kg
Total PAH	Total PAH	1202.8	U	962.3	94.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	84.2	U	84.2	200	240	ug/Kg
132-64-9	Dibenzofuran	61.3	U	61.3	94.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23	U	123	94.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62.6	U	62.6	94.4	120	ug/Kg
84-66-2	Diethylphthalate	58.2	U	58.2	94.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.2	U	62.2	94.4	120	ug/Kg
86-73-7	Fluorene	62.1	U	62.1	94.4	120	ug/Kg
100-01-6	4-Nitroaniline	77.7	U	77.7	94.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.2	U	59.2	94.4	120	ug/Kg
103-33-3	Azobenzene	57.8	U	57.8	94.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.3	U	57.3	94.4	120	ug/Kg
118-74-1	Hexachlorobenzene	61.7	U	61.7	94.4	120	ug/Kg
1912-24-9	Atrazine	66.4	U	66.4	94.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BM082824
Lab Sample ID:	P3739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BM047377.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.1	U	56.1	200	240	ug/Kg
85-01-8	Phenanthrene	100	J	61	94.4	120	ug/Kg
120-12-7	Anthracene	61.3	U	61.3	94.4	120	ug/Kg
86-74-8	Carbazole	58.3	U	58.3	94.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.2	U	61.2	94.4	120	ug/Kg
206-44-0	Fluoranthene	200		59.3	94.4	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	140		60.3	94.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.3	U	70.3	94.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71.6	U	71.6	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	130		58.6	94.4	120	ug/Kg
218-01-9	Chrysene	150		57.7	94.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.1	U	66.1	94.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	79.9	U	79.9	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	150		58.9	94.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.4	J	60	94.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	67.5	94.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63.5	J	56.7	94.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	94.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65.9	J	58.2	94.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	94.4	120	ug/Kg
123-91-1	1,4-Dioxane	79.9	U	79.9	94.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.2	U	54.2	94.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.4	U	60.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	135.217		18-112		90	SPK: -150
13127-88-3	Phenol-d6	134.888		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	86.618		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	78.474		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BM082824
Lab Sample ID:	P3739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BM047377.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.85		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	73.228		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264640	7.345				
1146-65-2	Naphthalene-d8	1013375	10.104				
15067-26-2	Acenaphthene-d10	694984	14.01				
1517-22-2	Phenanthrene-d10	1492832	16.774				
1719-03-5	Chrysene-d12	1302889	21.021				
1520-96-3	Perylene-d12	1284049	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	210	J			3.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			4.557	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	130	J			6.981	
000770-35-4	1-Phenoxypropan-2-ol	140	J			10.863	
	unknown14.251	810	J			14.251	
	unknown14.269	830	J			14.269	
000057-10-3	n-Hexadecanoic acid	340	J			17.715	
000057-11-4	Octadecanoic acid	140	J			19.015	
1000406-04-8	Pentadecafluorooctanoic acid, octa	98.7	J			20.75	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BM082824
Lab Sample ID:	P3739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047378.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.6	U	63.6	200	240	ug/Kg
110-86-1	Pyridine	58.6	U	58.6	95.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71	U	71	95.3	120	ug/Kg
108-95-2	Phenol	60.8	U	60.8	95.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.4	U	61.4	95.3	120	ug/Kg
95-57-8	2-Chlorophenol	61.2	U	61.2	95.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	62	U	62	95.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	63	U	63	95.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.4	U	63.4	95.3	120	ug/Kg
100-51-6	Benzyl Alcohol	60.8	U	60.8	200	240	ug/Kg
95-48-7	2-Methylphenol	59.1	U	59.1	95.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.6	U	66.6	95.3	120	ug/Kg
98-86-2	Acetophenone	63.7	U	63.7	95.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.5	U	58.5	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.5	U	29.5	58.6	58.6	ug/Kg
67-72-1	Hexachloroethane	60.8	U	60.8	95.3	120	ug/Kg
98-95-3	Nitrobenzene	66.6	U	66.6	95.3	120	ug/Kg
78-59-1	Isophorone	62	U	62	95.3	120	ug/Kg
88-75-5	2-Nitrophenol	69.3	U	69.3	95.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.3	U	68.3	95.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.9	U	62.9	95.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.3	U	55.3	95.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.6	U	62.6	95.3	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.6	U	60.6	95.3	120	ug/Kg
106-47-8	4-Chloroaniline	60.6	U	60.6	95.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	61.1	U	61.1	95.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BM082824
Lab Sample ID:	P3739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047378.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.6	U	63.6	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.8	U	56.8	95.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.5	U	60.5	95.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.3	U	52.3	95.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.2	U	54.2	95.3	120	ug/Kg
92-52-4	1,1-Biphenyl	64.1	U	64.1	95.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	61.1	U	61.1	95.3	120	ug/Kg
88-74-4	2-Nitroaniline	69.6	U	69.6	95.3	120	ug/Kg
131-11-3	Dimethylphthalate	59.9	U	59.9	95.3	120	ug/Kg
208-96-8	Acenaphthylene	63.4	U	63.4	95.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61	U	61	95.3	120	ug/Kg
99-09-2	3-Nitroaniline	65.4	U	65.4	95.3	120	ug/Kg
83-32-9	Acenaphthene	59.5	U	59.5	95.3	120	ug/Kg
Total PAH	Total PAH	971.7	U	971.7	95.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	200	240	ug/Kg
132-64-9	Dibenzofuran	61.9	U	61.9	95.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	124.2	U	124.2	95.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.2	U	63.2	95.3	120	ug/Kg
84-66-2	Diethylphthalate	58.7	U	58.7	95.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.7	U	62.7	95.3	120	ug/Kg
86-73-7	Fluorene	62.7	U	62.7	95.3	120	ug/Kg
100-01-6	4-Nitroaniline	78.4	U	78.4	95.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.8	U	85.8	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.8	U	59.8	95.3	120	ug/Kg
103-33-3	Azobenzene	58.4	U	58.4	95.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.8	U	57.8	95.3	120	ug/Kg
118-74-1	Hexachlorobenzene	62.3	U	62.3	95.3	120	ug/Kg
1912-24-9	Atrazine	67	U	67	95.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BM082824
Lab Sample ID:	P3739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047378.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.7	U	56.7	200	240	ug/Kg
85-01-8	Phenanthrene	61.6	U	61.6	95.3	120	ug/Kg
120-12-7	Anthracene	61.9	U	61.9	95.3	120	ug/Kg
86-74-8	Carbazole	58.9	U	58.9	95.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.8	U	61.8	95.3	120	ug/Kg
206-44-0	Fluoranthene	59.9	U	59.9	95.3	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	60.8	U	60.8	95.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	71	U	71	95.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.3	U	72.3	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	59.2	U	59.2	95.3	120	ug/Kg
218-01-9	Chrysene	65.2	J	58.3	95.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.7	U	66.7	95.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.6	U	80.6	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	71.3	J	59.5	95.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.6	U	60.6	95.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	68.2	U	68.2	95.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57.3	U	57.3	95.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59.5	U	59.5	95.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.7	U	58.7	95.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.6	U	63.6	95.3	120	ug/Kg
123-91-1	1,4-Dioxane	80.6	U	80.6	95.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.8	U	54.8	95.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.262		18-112		65	SPK: -150
13127-88-3	Phenol-d6	96.405		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	62.714		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	59.684		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BM082824
Lab Sample ID:	P3739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047378.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.135		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	56.752		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250920	7.346				
1146-65-2	Naphthalene-d8	976754	10.104				
15067-26-2	Acenaphthene-d10	674012	14.01				
1517-22-2	Phenanthrene-d10	1461038	16.774				
1719-03-5	Chrysene-d12	1299050	21.021				
1520-96-3	Perylene-d12	1261779	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	110	J			3.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	99.5	A			4.557	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	50.3	J			6.981	
000770-35-4	1-Phenoxypropan-2-ol	91.4	J			10.869	
	unknown14.245	350	J			14.245	
	unknown14.263	430	J			14.263	
000057-10-3	n-Hexadecanoic acid	210	J			17.709	
000057-11-4	Octadecanoic acid	110	J			19.015	
000295-48-7	Cyclopentadecane	100	J			20.75	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	DNB-44-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
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
BM047379.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.5	U	94.5	150	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	98.1	U	98.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99	U	99	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.8	U	98.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98.2	U	98.2	320	390	ug/Kg
95-48-7	2-Methylphenol	95.4	U	95.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	94.4	U	94.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.7	U	47.7	94.7	94.7	ug/Kg
67-72-1	Hexachloroethane	98.2	U	98.2	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	100	U	100	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.3	U	89.3	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.7	U	97.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.7	U	97.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.6	U	98.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	DNB-44-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
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
BM047379.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.7	U	91.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.6	U	97.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.5	U	84.5	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.6	U	87.6	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.6	U	98.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.7	U	96.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.4	U	98.4	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	96	U	96	150	200	ug/Kg
Total PAH	Total PAH	1564.5	U	1564.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.9	U	99.9	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.4	U	198.4	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	94.8	U	94.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.6	U	96.6	150	200	ug/Kg
103-33-3	Azobenzene	94.2	U	94.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.4	U	93.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	DNB-44-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
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
BM047379.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.5	U	91.5	320	390	ug/Kg
85-01-8	Phenanthrene	99.4	U	99.4	150	200	ug/Kg
120-12-7	Anthracene	99.9	U	99.9	150	200	ug/Kg
86-74-8	Carbazole	95	U	95	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.7	U	99.7	150	200	ug/Kg
206-44-0	Fluoranthene	96.7	U	96.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	98.2	U	98.2	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95.5	U	95.5	150	200	ug/Kg
218-01-9	Chrysene	120	J	94.1	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	96	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.7	U	97.7	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.4	U	92.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.1	U	96.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.8	U	94.8	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.4	U	88.4	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.4	U	98.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.664		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.126		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	47.819		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	45.845		20-109		46	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	DNB-44-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3746-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
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
BM047379.D	1	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.544		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	43.849		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317925	7.345				
1146-65-2	Naphthalene-d8	1218336	10.104				
15067-26-2	Acenaphthene-d10	813395	14.01				
1517-22-2	Phenanthrene-d10	1636106	16.774				
1719-03-5	Chrysene-d12	1223183	21.021				
1520-96-3	Perylene-d12	1264237	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	95.8	J			3.257	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			4.557	
000098-82-8	Benzene, (1-methylethyl)-	160	J			5.863	
000103-65-1	Benzene, propyl-	89.9	J			6.345	
000770-35-4	1-Phenoxypropan-2-ol	94.3	J			10.869	
	unknown16.133	420	J			16.133	
000057-10-3	n-Hexadecanoic acid	740	J			17.715	
000057-11-4	Octadecanoic acid	760	J			19.015	
	unknown19.221	80.5	J			19.221	
	unknown20.715	1500	J			20.715	
002004-39-9	1-Heptacosanol	120	J			20.75	
131758-71-9	(2,3-Diphenylcyclopropyl)methyl ph	350	J			21.209	
	unknown21.274	480	J			21.274	
1000120-80-7	Methadone N-oxide	140	J			21.321	
004757-69-1	1H-Indole, 2-methyl-3-phenyl-	150	J			21.356	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-11DL	SDG No.:	BM082824
Lab Sample ID:	P3735-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BM047380.D	2	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	160	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	220	ug/Kg
108-95-2	Phenol	100	U	100	160	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	220	ug/Kg
98-86-2	Acetophenone	110	U	110	160	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51	U	51	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	160	220	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	220	ug/Kg
78-59-1	Isophorone	110	U	110	160	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	220	ug/Kg
120-83-2	2,4-Dichlorophenol	95.6	U	95.6	160	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	200	JD	100	160	220	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-11DL	SDG No.:	BM082824
Lab Sample ID:	P3735-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BM047380.D	2	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.1	U	98.1	160	220	ug/Kg
91-57-6	2-Methylnaphthalene	210	JD	100	160	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.4	U	90.4	160	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.7	U	93.7	160	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	220	ug/Kg
208-96-8	Acenaphthylene	150	JD	110	160	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	220	ug/Kg
Total PAH	Total PAH	9470	D	1668.8	160	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	JD	110	160	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	160	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	220	ug/Kg
86-73-7	Fluorene	350	D	110	160	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	160	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	220	ug/Kg
103-33-3	Azobenzene	100	U	100	160	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.9	U	99.9	160	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	220	ug/Kg
1912-24-9	Atrazine	120	U	120	160	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-11DL	SDG No.:	BM082824
Lab Sample ID:	P3735-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BM047380.D	2	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.8	U	97.8	340	420	ug/Kg
85-01-8	Phenanthrene	1900	D	110	160	220	ug/Kg
120-12-7	Anthracene	440	D	110	160	220	ug/Kg
86-74-8	Carbazole	160	JD	100	160	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	220	ug/Kg
206-44-0	Fluoranthene	1300	D	100	160	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	1200	D	110	160	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	730	D	100	160	220	ug/Kg
218-01-9	Chrysene	720	D	100	160	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	160	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	720	D	100	160	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	D	100	160	220	ug/Kg
50-32-8	Benzo(a)pyrene	660	D	120	160	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	D	98.8	160	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	JD	100	160	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350	D	100	160	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.5	U	94.5	160	220	ug/Kg
90-12-0	1-Methylnaphthalene	230	D	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.086		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.316		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	50.93		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	49.552		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-11DL	SDG No.:	BM082824
Lab Sample ID:	P3735-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BM047380.D	2	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.526		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	44.948		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	360757	7.345				
1146-65-2	Naphthalene-d8	1361596	10.104				
15067-26-2	Acenaphthene-d10	895749	14.01				
1517-22-2	Phenanthrene-d10	1683446	16.774				
1719-03-5	Chrysene-d12	1280743	21.021				
1520-96-3	Perylene-d12	1403597	23.727				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SU-03-08232024DL2	SDG No.:	BM082824
Lab Sample ID:	P3728-01DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
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
BM047381.D	50	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2800	U	2800	8600	10500	ug/Kg
110-86-1	Pyridine	2500	U	2500	4100	5400	ug/Kg
100-52-7	Benzaldehyde	5800	U	5800	8600	10500	ug/Kg
62-53-3	Aniline	3100	U	3100	4100	5400	ug/Kg
108-95-2	Phenol	2600	U	2600	4100	5400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2700	U	2700	4100	5400	ug/Kg
95-57-8	2-Chlorophenol	2600	U	2600	4100	5400	ug/Kg
95-50-1	1,2-Dichlorobenzene	2700	U	2700	4100	5400	ug/Kg
541-73-1	1,3-Dichlorobenzene	2700	U	2700	4100	5400	ug/Kg
106-46-7	1,4-Dichlorobenzene	2700	U	2700	4100	5400	ug/Kg
100-51-6	Benzyl Alcohol	2600	U	2600	8600	10500	ug/Kg
95-48-7	2-Methylphenol	2600	U	2600	4100	5400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2900	U	2900	4100	5400	ug/Kg
98-86-2	Acetophenone	2800	U	2800	4100	5400	ug/Kg
65794-96-9	3+4-Methylphenols	2500	U	2500	8600	10500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300	U	1300	2500	2500	ug/Kg
67-72-1	Hexachloroethane	2600	U	2600	4100	5400	ug/Kg
98-95-3	Nitrobenzene	2900	U	2900	4100	5400	ug/Kg
78-59-1	Isophorone	2700	U	2700	4100	5400	ug/Kg
88-75-5	2-Nitrophenol	3000	U	3000	4100	5400	ug/Kg
105-67-9	2,4-Dimethylphenol	3000	U	3000	4100	5400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2700	U	2700	4100	5400	ug/Kg
120-83-2	2,4-Dichlorophenol	2400	U	2400	4100	5400	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2700	U	2700	4100	5400	ug/Kg
65-85-0	Benzoic acid	7500	U	7500	8600	10500	ug/Kg
91-20-3	Naphthalene	12700	D	2600	4100	5400	ug/Kg
106-47-8	4-Chloroaniline	2600	U	2600	4100	5400	ug/Kg
87-68-3	Hexachlorobutadiene	2600	U	2600	4100	5400	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SU-03-08232024DL2	SDG No.:	BM082824
Lab Sample ID:	P3728-01DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
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
BM047381.D	50	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2800	U	2800	8600	10500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2500	U	2500	4100	5400	ug/Kg
91-57-6	2-Methylnaphthalene	3900	JD	2600	4100	5400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	U	4900	8600	10500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300	U	2300	4100	5400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300	U	2300	4100	5400	ug/Kg
92-52-4	1,1-Biphenyl	2800	U	2800	4100	5400	ug/Kg
91-58-7	2-Chloronaphthalene	2600	U	2600	4100	5400	ug/Kg
88-74-4	2-Nitroaniline	3000	U	3000	4100	5400	ug/Kg
131-11-3	Dimethylphthalate	2600	U	2600	4100	5400	ug/Kg
208-96-8	Acenaphthylene	2700	U	2700	4100	5400	ug/Kg
606-20-2	2,6-Dinitrotoluene	2600	U	2600	4100	5400	ug/Kg
99-09-2	3-Nitroaniline	2800	U	2800	4100	5400	ug/Kg
83-32-9	Acenaphthene	7000	D	2600	4100	5400	ug/Kg
Total PAH	Total PAH	206100	D	42000	4100	86400	ug/Kg
51-28-5	2,4-Dinitrophenol	7700	U	7700	8600	10500	ug/Kg
100-02-7	4-Nitrophenol	3700	U	3700	8600	10500	ug/Kg
132-64-9	Dibenzofuran	6000	D	2700	4100	5400	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6300	U	5300	4100	10800	ug/Kg
121-14-2	2,4-Dinitrotoluene	2700	U	2700	4100	5400	ug/Kg
84-66-2	Diethylphthalate	2500	U	2500	4100	5400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2700	U	2700	4100	5400	ug/Kg
86-73-7	Fluorene	8700	D	2700	4100	5400	ug/Kg
100-01-6	4-Nitroaniline	3400	U	3400	4100	5400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3700	U	3700	8600	10500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2600	U	2600	4100	5400	ug/Kg
103-33-3	Azobenzene	2500	U	2500	4100	5400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2500	U	2500	4100	5400	ug/Kg
118-74-1	Hexachlorobenzene	2700	U	2700	4100	5400	ug/Kg
1912-24-9	Atrazine	2900	U	2900	4100	5400	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SU-03-08232024DL2	SDG No.:	BM082824
Lab Sample ID:	P3728-01DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
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
BM047381.D	50	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500	U	2500	8600	10500	ug/Kg
85-01-8	Phenanthrene	39300	D	2700	4100	5400	ug/Kg
120-12-7	Anthracene	15700	D	2700	4100	5400	ug/Kg
86-74-8	Carbazole	5400	D	2500	4100	5400	ug/Kg
84-74-2	Di-n-butylphthalate	2700	U	2700	4100	5400	ug/Kg
206-44-0	Fluoranthene	29000	D	2600	4100	5400	ug/Kg
92-87-5	Benzidine	5200	U	5200	8600	10500	ug/Kg
129-00-0	Pyrene	25000	D	2600	4100	5400	ug/Kg
85-68-7	Butylbenzylphthalate	3100	U	3100	4100	5400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3100	U	3100	8600	10500	ug/Kg
56-55-3	Benzo(a)anthracene	11800	D	2600	4100	5400	ug/Kg
218-01-9	Chrysene	12100	D	2500	4100	5400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900	U	2900	4100	5400	ug/Kg
117-84-0	Di-n-octyl phthalate	3500	U	3500	8600	10500	ug/Kg
205-99-2	Benzo(b)fluoranthene	13400	D	2600	4100	5400	ug/Kg
207-08-9	Benzo(k)fluoranthene	5700	D	2600	4100	5400	ug/Kg
50-32-8	Benzo(a)pyrene	11700	D	2900	4100	5400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6600	D	2500	4100	5400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2600	U	2600	4100	5400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7400	D	2500	4100	5400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2800	U	2800	4100	5400	ug/Kg
123-91-1	1,4-Dioxane	3500	U	3500	4100	5400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2400	U	2400	4100	5400	ug/Kg
90-12-0	1-Methylnaphthalene	2600	U	2600	5400	5400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.95		18-112		65	SPK: -150
13127-88-3	Phenol-d6	91.4		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	60.6		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	71.9		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SU-03-08232024DL2	SDG No.:	BM082824
Lab Sample ID:	P3728-01DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
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
BM047381.D	50	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.3		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	82.6		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298612	7.346				
1146-65-2	Naphthalene-d8	1134590	10.104				
15067-26-2	Acenaphthene-d10	744089	14.01				
1517-22-2	Phenanthrene-d10	1474483	16.78				
1719-03-5	Chrysene-d12	1012151	21.021				
1520-96-3	Perylene-d12	1081777	23.721				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	MOO-SOIL-PILEDL	SDG No.:	BM082824
Lab Sample ID:	P3726-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BM047382.D	5	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	580	ug/Kg
108-95-2	Phenol	280	U	280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	580	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	580	ug/Kg
98-86-2	Acetophenone	290	U	290	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	580	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	580	ug/Kg
78-59-1	Isophorone	290	U	290	440	580	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	580	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	580	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	MOO-SOIL-PILEDL	SDG No.:	BM082824
Lab Sample ID:	P3726-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BM047382.D	5	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	580	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	580	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	580	ug/Kg
208-96-8	Acenaphthylene	790	D	290	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	580	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	580	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	580	ug/Kg
Total PAH	Total PAH	40190	UD	4460	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1160	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	580	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	580	ug/Kg
86-73-7	Fluorene	290	U	290	440	580	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	440	580	ug/Kg
103-33-3	Azobenzene	270	U	270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	580	ug/Kg
1912-24-9	Atrazine	310	U	310	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	MOO-SOIL-PILEDL	SDG No.:	BM082824
Lab Sample ID:	P3726-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BM047382.D	5	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	400	JD	260	910	1100	ug/Kg
85-01-8	Phenanthrene	1800	D	280	440	580	ug/Kg
120-12-7	Anthracene	1900	D	290	440	580	ug/Kg
86-74-8	Carbazole	760	D	270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	580	ug/Kg
206-44-0	Fluoranthene	5400	D	280	440	580	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	7200	D	280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3100	D	270	440	580	ug/Kg
218-01-9	Chrysene	4900	D	270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	6100	D	270	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100	D	280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	2700	D	310	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800	D	260	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	600	D	270	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800	D	270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	580	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.05		18-112		74	SPK: -150
13127-88-3	Phenol-d6	109.345		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	73.56		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	72.67		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	MOO-SOIL-PILEDL	SDG No.:	BM082824
Lab Sample ID:	P3726-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BM047382.D	5	8/26/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.27		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	76.78		10-105		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	318938	7.345				
1146-65-2	Naphthalene-d8	1199484	10.104				
15067-26-2	Acenaphthene-d10	788191	14.01				
1517-22-2	Phenanthrene-d10	1502953	16.78				
1719-03-5	Chrysene-d12	941205	21.027				
1520-96-3	Perylene-d12	1089694	23.727				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-4DL	SDG No.:	BM082824
Lab Sample ID:	P3737-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047383.D	5	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

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	960	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1900	ug/Kg
62-53-3	Aniline	550	U	550	740	960	ug/Kg
108-95-2	Phenol	470	U	470	740	960	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	470	U	470	740	960	ug/Kg
95-57-8	2-Chlorophenol	470	U	470	740	960	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	740	960	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	740	960	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	740	960	ug/Kg
100-51-6	Benzyl Alcohol	470	U	470	1500	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	740	960	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	740	960	ug/Kg
98-86-2	Acetophenone	490	U	490	740	960	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	960	ug/Kg
98-95-3	Nitrobenzene	510	U	510	740	960	ug/Kg
78-59-1	Isophorone	480	U	480	740	960	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	740	960	ug/Kg
105-67-9	2,4-Dimethylphenol	530	U	530	740	960	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	740	960	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	740	960	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	480	U	480	740	960	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1900	ug/Kg
91-20-3	Naphthalene	470	U	470	740	960	ug/Kg
106-47-8	4-Chloroaniline	470	U	470	740	960	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	740	960	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-4DL	SDG No.:	BM082824
Lab Sample ID:	P3737-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047383.D	5	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

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	960	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	740	960	ug/Kg
77-47-4	Hexachlorocyclopentadiene	880	U	880	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	400	740	960	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	740	960	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	740	960	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	740	960	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	740	960	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	740	960	ug/Kg
208-96-8	Acenaphthylene	610	JD	490	740	960	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	740	960	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	740	960	ug/Kg
83-32-9	Acenaphthene	460	U	460	740	960	ug/Kg
Total PAH	Total PAH	50010	UD	7510	740	15360	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	960	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960	U	960	740	1920	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	740	960	ug/Kg
84-66-2	Diethylphthalate	450	U	450	740	960	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	740	960	ug/Kg
86-73-7	Fluorene	480	U	480	740	960	ug/Kg
100-01-6	4-Nitroaniline	610	U	610	740	960	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	960	ug/Kg
103-33-3	Azobenzene	450	U	450	740	960	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	740	960	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	740	960	ug/Kg
1912-24-9	Atrazine	520	U	520	740	960	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-4DL	SDG No.:	BM082824
Lab Sample ID:	P3737-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047383.D	5	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

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	4600	D	480	740	960	ug/Kg
120-12-7	Anthracene	1200	D	480	740	960	ug/Kg
86-74-8	Carbazole	460	U	460	740	960	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	740	960	ug/Kg
206-44-0	Fluoranthene	7300	D	460	740	960	ug/Kg
92-87-5	Benzidine	920	U	920	1500	1900	ug/Kg
129-00-0	Pyrene	7400	D	470	740	960	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	550	740	960	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	4400	D	460	740	960	ug/Kg
218-01-9	Chrysene	4200	D	450	740	960	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	740	960	ug/Kg
117-84-0	Di-n-octyl phthalate	620	U	620	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	5700	D	460	740	960	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400	D	470	740	960	ug/Kg
50-32-8	Benzo(a)pyrene	4700	D	530	740	960	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3000	D	440	740	960	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000	D	460	740	960	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3500	D	450	740	960	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	740	960	ug/Kg
123-91-1	1,4-Dioxane	620	U	620	740	960	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	740	960	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	960	960	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.63		18-112		66	SPK: -150
13127-88-3	Phenol-d6	97.105		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	64.925		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	64.76		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-4DL	SDG No.:	BM082824
Lab Sample ID:	P3737-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047383.D	5	8/27/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.315		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	71.695		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	303355	7.345				
1146-65-2	Naphthalene-d8	1156094	10.104				
15067-26-2	Acenaphthene-d10	759950	14.01				
1517-22-2	Phenanthrene-d10	1503788	16.78				
1719-03-5	Chrysene-d12	979723	21.027				
1520-96-3	Perylene-d12	1090363	23.727				

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	P-1-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3767-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047384.D	1	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.2	U	95.2	300	360	ug/Kg
110-86-1	Pyridine	87.6	U	87.6	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.9	U	90.9	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.8	U	91.8	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.6	U	91.6	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.8	U	92.8	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.3	U	94.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.9	U	94.9	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91	U	91	300	360	ug/Kg
95-48-7	2-Methylphenol	88.4	U	88.4	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.7	U	99.7	140	190	ug/Kg
98-86-2	Acetophenone	95.3	U	95.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.5	U	87.5	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.2	U	44.2	87.7	87.7	ug/Kg
67-72-1	Hexachloroethane	91	U	91	140	190	ug/Kg
98-95-3	Nitrobenzene	99.6	U	99.6	140	190	ug/Kg
78-59-1	Isophorone	92.8	U	92.8	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.1	U	94.1	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.8	U	82.8	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.7	U	93.7	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.6	U	90.6	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.6	U	90.6	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.4	U	91.4	140	190	ug/Kg



Client:				Date Collected:	8/27/2024 12:00:00 AM	
Project:				Date Received:	8/27/2024 12:00:00 AM	
Client Sample ID:	P-1-COMPOSITE			SDG No.:	BM082824	
Lab Sample ID:	P3767-02			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.1	
Sample Wt/Vol:	30.09	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
BM047384.D	1	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.2	U	95.2	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.5	U	90.5	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.3	U	78.3	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.2	U	81.2	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.9	U	95.9	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.4	U	91.4	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.6	U	89.6	140	190	ug/Kg
208-96-8	Acenaphthylene	94.9	U	94.9	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.3	U	91.3	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.8	U	97.8	140	190	ug/Kg
83-32-9	Acenaphthene	89	U	89	140	190	ug/Kg
Total PAH	Total PAH	1451.6	U	1451.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.6	U	92.6	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.8	U	185.8	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.5	U	94.5	140	190	ug/Kg
84-66-2	Diethylphthalate	87.9	U	87.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.9	U	93.9	140	190	ug/Kg
86-73-7	Fluorene	93.8	U	93.8	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.5	U	89.5	140	190	ug/Kg
103-33-3	Azobenzene	87.3	U	87.3	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.5	U	86.5	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.2	U	93.2	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	P-1-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3767-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	30.09 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
BM047384.D	1	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.8	U	84.8	300	360	ug/Kg
85-01-8	Phenanthrene	92.1	U	92.1	140	190	ug/Kg
120-12-7	Anthracene	92.6	U	92.6	140	190	ug/Kg
86-74-8	Carbazole	88.1	U	88.1	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.5	U	92.5	140	190	ug/Kg
206-44-0	Fluoranthene	130	J	89.6	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	140	J	91	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	89.6	J	88.5	140	190	ug/Kg
218-01-9	Chrysene	120	J	87.2	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.8	U	99.8	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	89	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.6	U	90.6	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.7	U	85.7	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.1	U	89.1	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.6	J	87.9	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.2	U	95.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.9	U	81.9	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.3	U	91.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.658		18-112		62	SPK: -150
13127-88-3	Phenol-d6	92.043		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	62.954		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.924		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	P-1-COMPOSITE	SDG No.:	BM082824
Lab Sample ID:	P3767-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	30.09 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
BM047384.D	1	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.514		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	67.595		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	324682	7.345				
1146-65-2	Naphthalene-d8	1235987	10.104				
15067-26-2	Acenaphthene-d10	820392	14.01				
1517-22-2	Phenanthrene-d10	1598865	16.774				
1719-03-5	Chrysene-d12	1040324	21.021				
1520-96-3	Perylene-d12	1147021	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.257	77.1	J			3.257	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.557	
000770-35-4	1-Phenoxypropan-2-ol	130	J			10.869	
000057-10-3	n-Hexadecanoic acid	310	J			17.715	
000057-11-4	Octadecanoic acid	140	J			19.015	
007206-21-5	5-Octadecene, (E)-	270	J			20.75	
000557-61-9	Octacosanol	170	J			23.038	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM082824
Lab Sample ID:	P3751-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
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
BM047385.D	2	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	560	690	ug/Kg
110-86-1	Pyridine	170	U	170	270	360	ug/Kg
100-52-7	Benzaldehyde	380	U	380	560	690	ug/Kg
62-53-3	Aniline	200	U	200	270	360	ug/Kg
108-95-2	Phenol	170	U	170	270	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	170	270	360	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	270	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	270	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	270	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	270	360	ug/Kg
100-51-6	Benzyl Alcohol	170	U	170	560	690	ug/Kg
95-48-7	2-Methylphenol	170	U	170	270	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	360	ug/Kg
98-86-2	Acetophenone	180	U	180	270	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	560	690	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	84.2	U	84.2	170	170	ug/Kg
67-72-1	Hexachloroethane	170	U	170	270	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	270	360	ug/Kg
78-59-1	Isophorone	180	U	180	270	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	270	360	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	270	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	270	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	270	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	270	360	ug/Kg
65-85-0	Benzoic acid	490	U	490	560	690	ug/Kg
91-20-3	Naphthalene	170	U	170	270	360	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	270	360	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	270	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM082824
Lab Sample ID:	P3751-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
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
BM047385.D	2	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	560	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	270	360	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	270	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	560	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	270	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	270	360	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	270	360	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	270	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	270	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	270	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	270	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	270	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	270	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	270	360	ug/Kg
Total PAH	Total PAH	2770	U	2770	270	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	560	690	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	560	690	ug/Kg
132-64-9	Dibenzofuran	180	U	180	270	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	270	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	350	U	350	270	720	ug/Kg
84-66-2	Diethylphthalate	170	U	170	270	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	270	360	ug/Kg
86-73-7	Fluorene	180	U	180	270	360	ug/Kg
100-01-6	4-Nitroaniline	220	U	220	270	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	560	690	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	270	360	ug/Kg
103-33-3	Azobenzene	170	U	170	270	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	270	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	270	360	ug/Kg
1912-24-9	Atrazine	190	U	190	270	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM082824
Lab Sample ID:	P3751-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
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
BM047385.D	2	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	560	690	ug/Kg
85-01-8	Phenanthrene	180	U	180	270	360	ug/Kg
120-12-7	Anthracene	180	U	180	270	360	ug/Kg
86-74-8	Carbazole	170	U	170	270	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	270	360	ug/Kg
206-44-0	Fluoranthene	170	U	170	270	360	ug/Kg
92-87-5	Benzidine	340	U	340	560	690	ug/Kg
129-00-0	Pyrene	170	U	170	270	360	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	270	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	560	690	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	270	360	ug/Kg
218-01-9	Chrysene	170	U	170	270	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540		190	270	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	560	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	270	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	270	360	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	270	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	270	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	270	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	270	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	270	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	270	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	270	360	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	27.436		18-112		18	SPK: -150
13127-88-3	Phenol-d6	28.812		15-107		19	SPK: -150
4165-60-0	Nitrobenzene-d5	22.384		18-107		22	SPK: -100
321-60-8	2-Fluorobiphenyl	23.246		20-109		23	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM082824
Lab Sample ID:	P3751-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
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
BM047385.D	2	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	24.216		10-116		16	SPK: -150
1718-51-0	Terphenyl-d14	23.036		10-105		23	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	590196	7.345				
1146-65-2	Naphthalene-d8	2236581	10.104				
15067-26-2	Acenaphthene-d10	1498375	14.01				
1517-22-2	Phenanthrene-d10	2785132	16.78				
1719-03-5	Chrysene-d12	1669949	21.027				
1520-96-3	Perylene-d12	1992373	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-62-6	Methyl methacrylate	1300	J			3.01	
000104-76-7	1-Hexanol, 2-ethyl-	560	J			7.428	
055045-09-5	Tridecane, 7-propyl-	270	J			16.116	
	unknown16.527	160	J			16.527	
000629-50-5	Tridecane	170	J			16.568	
006975-98-0	Decane, 2-methyl-	550	J			16.892	
025117-32-2	Tetradecane, 5-methyl-	180	J			16.945	
010544-95-3	Octadecane, 4-methyl-	160	J			16.998	
000593-45-3	Octadecane	180	J			17.039	
056862-62-5	10-Methylnonadecane	270	J			17.327	
055045-08-4	Dodecane, 2-methyl-6-propyl-	490	J			17.586	
026429-11-8	Heptadecane, 4-methyl-	290	J			17.709	
000630-01-3	Hexacosane	190	J			17.757	
013475-75-7	Pentadecane, 8-hexyl-	550	J			17.815	
007225-66-3	Tridecane, 7-hexyl-	580	J			18.015	
013287-24-6	Nonadecane, 9-methyl-	310	J			18.262	
181307-35-7	1,5-Dihydroxy-6-methoxyxanthone	510	J			18.539	
000629-78-7	Heptadecane	710	J			18.657	
	unknown18.956	510	J			18.956	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-CMC-ESLAG-1	SDG No.:	BM082824
Lab Sample ID:	P3751-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
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
BM047385.D	2	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-94-7	Heneicosane	880	J			19.245	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	OK-02-082624	SDG No.:	BM082824
Lab Sample ID:	P3748-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BM047386.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550	U	550	1700	2100	ug/Kg
110-86-1	Pyridine	500	U	500	820	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	610	U	610	820	1100	ug/Kg
108-95-2	Phenol	520	U	520	820	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	820	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	820	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	530	U	530	820	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	540	U	540	820	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	820	1100	ug/Kg
100-51-6	Benzyl Alcohol	520	U	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	820	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570	U	570	820	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	820	1100	ug/Kg
65794-96-9	3+4-Methylphenols	500	U	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	500	500	ug/Kg
67-72-1	Hexachloroethane	520	U	520	820	1100	ug/Kg
98-95-3	Nitrobenzene	570	U	570	820	1100	ug/Kg
78-59-1	Isophorone	530	U	530	820	1100	ug/Kg
88-75-5	2-Nitrophenol	600	U	600	820	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	820	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	540	U	540	820	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	820	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	820	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	520	U	520	820	1100	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	820	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	OK-02-082624	SDG No.:	BM082824
Lab Sample ID:	P3748-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BM047386.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550	U	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	820	1100	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	820	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	820	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	820	1100	ug/Kg
92-52-4	1,1-Biphenyl	550	U	550	820	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	820	1100	ug/Kg
88-74-4	2-Nitroaniline	600	U	600	820	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	820	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	820	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	820	1100	ug/Kg
99-09-2	3-Nitroaniline	560	U	560	820	1100	ug/Kg
83-32-9	Acenaphthene	510	U	510	820	1100	ug/Kg
Total PAH	Total PAH	8360	U	8360	820	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	730	U	730	1700	2100	ug/Kg
132-64-9	Dibenzofuran	530	U	530	820	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	820	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1060	U	1060	820	2200	ug/Kg
84-66-2	Diethylphthalate	510	U	510	820	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	820	1100	ug/Kg
86-73-7	Fluorene	540	U	540	820	1100	ug/Kg
100-01-6	4-Nitroaniline	670	U	670	820	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	U	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	820	1100	ug/Kg
103-33-3	Azobenzene	500	U	500	820	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	820	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	820	1100	ug/Kg
1912-24-9	Atrazine	580	U	580	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	OK-02-082624	SDG No.:	BM082824
Lab Sample ID:	P3748-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BM047386.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	530	U	530	820	1100	ug/Kg
120-12-7	Anthracene	530	U	530	820	1100	ug/Kg
86-74-8	Carbazole	510	U	510	820	1100	ug/Kg
84-74-2	Di-n-butylphthalate	530	U	530	820	1100	ug/Kg
206-44-0	Fluoranthene	520	U	520	820	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	520	U	520	820	1100	ug/Kg
85-68-7	Butylbenzylphthalate	610	U	610	820	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	620	U	620	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	510	U	510	820	1100	ug/Kg
218-01-9	Chrysene	500	U	500	820	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570	U	570	820	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	690	U	690	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	U	510	820	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	520	U	520	820	1100	ug/Kg
50-32-8	Benzo(a)pyrene	590	U	590	820	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	490	U	490	820	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510	U	510	820	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510	U	510	820	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	820	1100	ug/Kg
123-91-1	1,4-Dioxane	690	U	690	820	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	470	U	470	820	1100	ug/Kg
90-12-0	1-Methylnaphthalene	520	U	520	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.96		18-112		64	SPK: -150
13127-88-3	Phenol-d6	91.81		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	59.31		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	65.94		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	OK-02-082624	SDG No.:	BM082824
Lab Sample ID:	P3748-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BM047386.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.47		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	69.68		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	286704	7.351				
1146-65-2	Naphthalene-d8	1101936	10.104				
15067-26-2	Acenaphthene-d10	726428	14.01				
1517-22-2	Phenanthrene-d10	1359620	16.78				
1719-03-5	Chrysene-d12	893589	21.021				
1520-96-3	Perylene-d12	997229	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown	14.263					
		1200	J			14.263	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	CL-01-082624	SDG No.:	BM082824
Lab Sample ID:	P3749-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047387.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540	U	540	1700	2000	ug/Kg
110-86-1	Pyridine	490	U	490	800	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2000	ug/Kg
62-53-3	Aniline	600	U	600	800	1000	ug/Kg
108-95-2	Phenol	510	U	510	800	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	520	U	520	800	1000	ug/Kg
95-57-8	2-Chlorophenol	520	U	520	800	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	520	U	520	800	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	530	U	530	800	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	530	U	530	800	1000	ug/Kg
100-51-6	Benzyl Alcohol	510	U	510	1700	2000	ug/Kg
95-48-7	2-Methylphenol	500	U	500	800	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	560	U	560	800	1000	ug/Kg
98-86-2	Acetophenone	540	U	540	800	1000	ug/Kg
65794-96-9	3+4-Methylphenols	490	U	490	1700	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	490	490	ug/Kg
67-72-1	Hexachloroethane	510	U	510	800	1000	ug/Kg
98-95-3	Nitrobenzene	560	U	560	800	1000	ug/Kg
78-59-1	Isophorone	520	U	520	800	1000	ug/Kg
88-75-5	2-Nitrophenol	580	U	580	800	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	800	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	530	U	530	800	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	800	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	530	U	530	800	1000	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2000	ug/Kg
91-20-3	Naphthalene	510	U	510	800	1000	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	800	1000	ug/Kg
87-68-3	Hexachlorobutadiene	510	U	510	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	CL-01-082624	SDG No.:	BM082824
Lab Sample ID:	P3749-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047387.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	540	U	540	1700	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	800	1000	ug/Kg
91-57-6	2-Methylnaphthalene	510	U	510	800	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960	U	960	1700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	U	440	800	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	800	1000	ug/Kg
92-52-4	1,1-Biphenyl	540	U	540	800	1000	ug/Kg
91-58-7	2-Chloronaphthalene	510	U	510	800	1000	ug/Kg
88-74-4	2-Nitroaniline	590	U	590	800	1000	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	800	1000	ug/Kg
208-96-8	Acenaphthylene	530	U	530	800	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	800	1000	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	800	1000	ug/Kg
83-32-9	Acenaphthene	500	U	500	800	1000	ug/Kg
Total PAH	Total PAH	8160	U	8160	800	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2000	ug/Kg
100-02-7	4-Nitrophenol	720	U	720	1700	2000	ug/Kg
132-64-9	Dibenzofuran	520	U	520	800	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1040	U	1040	800	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	530	U	530	800	1000	ug/Kg
84-66-2	Diethylphthalate	490	U	490	800	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	530	U	530	800	1000	ug/Kg
86-73-7	Fluorene	530	U	530	800	1000	ug/Kg
100-01-6	4-Nitroaniline	660	U	660	800	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	720	U	720	1700	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	500	U	500	800	1000	ug/Kg
103-33-3	Azobenzene	490	U	490	800	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	490	U	490	800	1000	ug/Kg
118-74-1	Hexachlorobenzene	520	U	520	800	1000	ug/Kg
1912-24-9	Atrazine	560	U	560	800	1000	ug/Kg



Client:				Date Collected:	8/26/2024 12:00:00 AM	
Project:				Date Received:	8/26/2024 12:00:00 AM	
Client Sample ID:	CL-01-082624			SDG No.:	BM082824	
Lab Sample ID:	P3749-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	2.8	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047387.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	480	U	480	1700	2000	ug/Kg
85-01-8	Phenanthrene	520	U	520	800	1000	ug/Kg
120-12-7	Anthracene	520	U	520	800	1000	ug/Kg
86-74-8	Carbazole	500	U	500	800	1000	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	800	1000	ug/Kg
206-44-0	Fluoranthene	500	U	500	800	1000	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2000	ug/Kg
129-00-0	Pyrene	510	U	510	800	1000	ug/Kg
85-68-7	Butylbenzylphthalate	600	U	600	800	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	1700	2000	ug/Kg
56-55-3	Benzo(a)anthracene	500	U	500	800	1000	ug/Kg
218-01-9	Chrysene	490	U	490	800	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	800	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	680	U	680	1700	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	U	500	800	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	U	510	800	1000	ug/Kg
50-32-8	Benzo(a)pyrene	570	U	570	800	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	U	480	800	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	500	U	500	800	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490	U	490	800	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	540	U	540	800	1000	ug/Kg
123-91-1	1,4-Dioxane	680	U	680	800	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460	U	460	800	1000	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.91		18-112		56	SPK: -150
13127-88-3	Phenol-d6	79.74		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	52.6		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	59.14		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	CL-01-082624	SDG No.:	BM082824
Lab Sample ID:	P3749-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047387.D	10	8/28/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.34		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	60.05		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	328886	7.351				
1146-65-2	Naphthalene-d8	1231568	10.104				
15067-26-2	Acenaphthene-d10	803963	14.01				
1517-22-2	Phenanthrene-d10	1455273	16.78				
1719-03-5	Chrysene-d12	979338	21.021				
1520-96-3	Perylene-d12	1106662	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown	14.263				14.263	
000057-10-3	n-Hexadecanoic acid	420	J			17.709	

Hit Summary Sheet SW-846

SDG No.: BM082824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MOO-SOIL-PILEDL								
P3726-01DL	MOO-SOIL-PILEDL	Solid	Acenaphthylene	790.000	D	290	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Anthracene	1,900.000	D	290	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Benzo(a)anthracene	3,100.000	D	270	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Benzo(a)pyrene	2,700.000	D	310	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Benzo(b)fluoranthene	6,100.000	D	270	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Benzo(g,h,i)perylene	1,800.000	D	270	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Benzo(k)fluoranthene	2,100.000	D	280	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Carbazole	760.000	D	270	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Chrysene	4,900.000	D	270	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Dibenzo(a,h)anthracene	600.000	D	270	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Fluoranthene	5,400.000	D	280	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Indeno(1,2,3-cd)pyrene	1,800.000	D	260	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Pentachlorophenol	400.000	JD	260	1100	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Phenanthrene	1,800.000	D	280	580	ug/Kg
P3726-01DL	MOO-SOIL-PILEDL	Solid	Pyrene	7,200.000	D	280	580	ug/Kg

Total Svoc :

41,350.00

Total Concentration:

41,350.00

Client ID : SU-03-08232024DL2

P3728-01DL2	SU-03-08232024DL2	Solid	2-Methylnaphthalene	3,900.000	JD	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Acenaphthene	7,000.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Anthracene	15,700.000	D	2700	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Benzo(a)anthracene	11,800.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Benzo(a)pyrene	11,700.000	D	2900	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Benzo(b)fluoranthene	13,400.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Benzo(g,h,i)perylene	7,400.000	D	2500	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Benzo(k)fluoranthene	5,700.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Carbazole	5,400.000	D	2500	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Chrysene	12,100.000	D	2500	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Dibenzofuran	6,000.000	D	2700	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Fluoranthene	29,000.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Fluorene	8,700.000	D	2700	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Indeno(1,2,3-cd)pyrene	6,600.000	D	2500	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Naphthalene	12,700.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Phenanthrene	39,300.000	D	2700	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Pyrene	25,000.000	D	2600	5400	ug/Kg
P3728-01DL2	SU-03-08232024DL2	Solid	Total PAH	206,100.000	D	42000	86400	ug/Kg

Total Svoc :

427,500.00

Hit Summary Sheet
SW-846

SDG No.: BM082824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				427,500.00				
Client ID : WC-11DL								
P3735-01DL	WC-11DL	Solid	1-Methylnaphthalene	230.000	D	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	2-Methylnaphthalene	210.000	JD	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Acenaphthylene	150.000	JD	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Anthracene	440.000	D	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Benzo(a)anthracene	730.000	D	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Benzo(a)pyrene	660.000	D	120	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Benzo(b)fluoranthene	720.000	D	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Benzo(g,h,i)perylene	350.000	D	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Benzo(k)fluoranthene	310.000	D	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Carbazole	160.000	JD	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Chrysene	720.000	D	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Dibenzo(a,h)anthracene	140.000	JD	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Dibenzofuran	110.000	JD	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Fluoranthene	1,300.000	D	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Fluorene	350.000	D	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Indeno(1,2,3-cd)pyrene	300.000	D	98.8	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Naphthalene	200.000	JD	100	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Phenanthrene	1,900.000	D	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Pyrene	1,200.000	D	110	220	ug/Kg
P3735-01DL	WC-11DL	Solid	Total PAH	9,470.000	D	1668.8	3520	ug/Kg
Total Svoc :				19,650.00				
Total Concentration:				19,650.00				
Client ID : COMP-3								
P3737-03	COMP-3	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3737-03	COMP-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3737-03	COMP-3	Solid	3,5-Dimethoxy-4-hydroxycinnam:	*	140.000	J		
P3737-03	COMP-3	Solid	4,4-(Hexafluoroisopropylidene)dij	*	170.000	J		
P3737-03	COMP-3	Solid	9-Octadecenamide, (Z)-	*	250.000	J		
P3737-03	COMP-3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	95.600	J		
P3737-03	COMP-3	Solid	n-Hexadecanoic acid	*	1,400.000	J		
P3737-03	COMP-3	Solid	Octadecanoic acid	*	610.000	J		
P3737-03	COMP-3	Solid	Pentadecafluorooctanoic acid, oct:	*	160.000	J		
P3737-03	COMP-3	Solid	Propylene Glycol	*	140.000	J		
P3737-03	COMP-3	Solid	Tetracosane	*	88.900	J		
P3737-03	COMP-3	Solid	Tetradecanoic acid	*	120.000	J		
P3737-03	COMP-3	Solid	trans-Sinapyl alcohol	*	150.000	J		
P3737-03	COMP-3	Solid	Tricosane, 2-methyl-	*	97.100	J		

Hit Summary Sheet SW-846

SDG No.: BM082824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3737-03	COMP-3	Solid	unknown14.245	*	810.000	J		
P3737-03	COMP-3	Solid	unknown14.268	*	660.000	J		
Total Tics :					5,171.60			
P3737-03	COMP-3	Solid	Benzo(a)anthracene	130.000	J	94.8	200	ug/Kg
P3737-03	COMP-3	Solid	Benzo(a)pyrene	110.000	J	110	200	ug/Kg
P3737-03	COMP-3	Solid	Benzo(b)fluoranthene	160.000	J	95.3	200	ug/Kg
P3737-03	COMP-3	Solid	Benzo(k)fluoranthene	110.000	J	97.1	200	ug/Kg
P3737-03	COMP-3	Solid	Chrysene	150.000	J	93.4	200	ug/Kg
P3737-03	COMP-3	Solid	Fluoranthene	170.000	J	96	200	ug/Kg
P3737-03	COMP-3	Solid	Pyrene	130.000	J	97.5	200	ug/Kg
Total Svoc :					960.00			
Total Concentration:					6,131.60			
Client ID : COMP-4DL								
P3737-04DL	COMP-4DL	Solid	Acenaphthylene	610.000	JD	490	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Anthracene	1,200.000	D	480	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Benzo(a)anthracene	4,400.000	D	460	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Benzo(a)pyrene	4,700.000	D	530	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Benzo(b)fluoranthene	5,700.000	D	460	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Benzo(g,h,i)perylene	3,500.000	D	450	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Benzo(k)fluoranthene	2,400.000	D	470	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Chrysene	4,200.000	D	450	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Dibenzo(a,h)anthracene	1,000.000	D	460	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Fluoranthene	7,300.000	D	460	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Indeno(1,2,3-cd)pyrene	3,000.000	D	440	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Phenanthrene	4,600.000	D	480	960	ug/Kg
P3737-04DL	COMP-4DL	Solid	Pyrene	7,400.000	D	470	960	ug/Kg
Total Svoc :					50,010.00			
Total Concentration:					50,010.00			
Client ID : WC-2								
P3739-09	WC-2	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3739-09	WC-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P3739-09	WC-2	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	130.000	J		
P3739-09	WC-2	Solid	Isopropyl Alcohol	*	210.000	J		
P3739-09	WC-2	Solid	n-Hexadecanoic acid	*	340.000	J		
P3739-09	WC-2	Solid	Octadecanoic acid	*	140.000	J		
P3739-09	WC-2	Solid	Pentadecafluorooctanoic acid, oct:	*	98.700	J		
P3739-09	WC-2	Solid	unknown14.251	*	810.000	J		
P3739-09	WC-2	Solid	unknown14.269	*	830.000	J		
Total Tics :					2,828.70			
P3739-09	WC-2	Solid	Benzo(a)anthracene	130.000		58.6	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM082824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3739-09	WC-2	Solid	Benzo(a)pyrene	110.000	J	67.5	120	ug/Kg
P3739-09	WC-2	Solid	Benzo(b)fluoranthene	150.000		58.9	120	ug/Kg
P3739-09	WC-2	Solid	Benzo(g,h,i)perylene	65.900	J	58.2	120	ug/Kg
P3739-09	WC-2	Solid	Benzo(k)fluoranthene	93.400	J	60	120	ug/Kg
P3739-09	WC-2	Solid	Chrysene	150.000		57.7	120	ug/Kg
P3739-09	WC-2	Solid	Fluoranthene	200.000		59.3	120	ug/Kg
P3739-09	WC-2	Solid	Indeno(1,2,3-cd)pyrene	63.500	J	56.7	120	ug/Kg
P3739-09	WC-2	Solid	Phenanthrene	100.000	J	61	120	ug/Kg
P3739-09	WC-2	Solid	Pyrene	140.000		60.3	120	ug/Kg

Total Svoc : 1,202.80
Total Concentration: 4,031.50

Client ID : WC-3

P3739-13	WC-3	Solid	1-Phenoxypropan-2-ol	*	91.400	J		
P3739-13	WC-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	99.500	A		
P3739-13	WC-3	Solid	Cyclopentadecane	*	100.000	J		
P3739-13	WC-3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	50.300	J		
P3739-13	WC-3	Solid	Isopropyl Alcohol	*	110.000	J		
P3739-13	WC-3	Solid	n-Hexadecanoic acid	*	210.000	J		
P3739-13	WC-3	Solid	Octadecanoic acid	*	110.000	J		
P3739-13	WC-3	Solid	unknown14.245	*	350.000	J		
P3739-13	WC-3	Solid	unknown14.263	*	430.000	J		

Total Tics : 1,551.20

P3739-13	WC-3	Solid	Benzo(b)fluoranthene		71.300	J	59.5	120	ug/Kg
P3739-13	WC-3	Solid	Chrysene		65.200	J	58.3	120	ug/Kg

Total Svoc : 136.50
Total Concentration: 1,687.70

Client ID : DNB-44-COMPOSITE

P3746-01	DNB-44-COMPOSITE	Solid	(2,3-Diphenylcyclopropyl)methyl	*	350.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	1-Heptacosanol	*	120.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	1-Phenoxypropan-2-ol	*	94.300	J		
P3746-01	DNB-44-COMPOSITE	Solid	1H-Indole, 2-methyl-3-phenyl-	*	150.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3746-01	DNB-44-COMPOSITE	Solid	Benzene, (1-methylethyl)-	*	160.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	Benzene, propyl-	*	89.900	J		
P3746-01	DNB-44-COMPOSITE	Solid	Methadone N-oxide	*	140.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	n-Hexadecanoic acid	*	740.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	Octadecanoic acid	*	760.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	Propylene Glycol	*	95.800	J		
P3746-01	DNB-44-COMPOSITE	Solid	unknown16.133	*	420.000	J		

Hit Summary Sheet SW-846

SDG No.: BM082824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3746-01	DNB-44-COMPOSITE	Solid	unknown19.221	*	80.500	J		
P3746-01	DNB-44-COMPOSITE	Solid	unknown20.715	*	1,500.000	J		
P3746-01	DNB-44-COMPOSITE	Solid	unknown21.274	*	480.000	J		
Total Tics :					5,300.50			
P3746-01	DNB-44-COMPOSITE	Solid	Benzo(b)fluoranthene		140.000	J 96	200	ug/Kg
P3746-01	DNB-44-COMPOSITE	Solid	Chrysene		120.000	J 94.1	200	ug/Kg
Total Svoc :					260.00			
Total Concentration:					5,560.50			
Client ID : OK-02-082624								
P3748-01	OK-02-082624	Solid	unknown14.263	*	1,200.000	J		
Total Tics :					1,200.00			
Total Concentration:					1,200.00			
Client ID : CL-01-082624								
P3749-01	CL-01-082624	Solid	n-Hexadecanoic acid	*	420.000	J		
P3749-01	CL-01-082624	Solid	unknown14.263	*	840.000	J		
Total Tics :					1,260.00			
Total Concentration:					1,260.00			
Client ID : WC-CMC-ESLAG-1								
P3751-01	WC-CMC-ESLAG-1	Solid	1,5-Dihydroxy-6-methoxyxanthone	*	510.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	1-Hexanol, 2-ethyl-	*	560.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	10-Methylnonadecane	*	270.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Decane, 2-methyl-	*	550.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Dodecane, 2-methyl-6-propyl-	*	490.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Heneicosane	*	880.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Heptadecane	*	710.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Heptadecane, 4-methyl-	*	290.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Hexacosane	*	190.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Methyl methacrylate	*	1,300.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Nonadecane, 9-methyl-	*	310.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Octadecane	*	180.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Octadecane, 4-methyl-	*	160.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Pentadecane, 8-hexyl-	*	550.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Tetradecane, 5-methyl-	*	180.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Tridecane	*	170.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Tridecane, 7-hexyl-	*	580.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	Tridecane, 7-propyl-	*	270.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	unknown16.527	*	160.000	J		
P3751-01	WC-CMC-ESLAG-1	Solid	unknown18.956	*	510.000	J		
Total Tics :					8,820.00			

Hit Summary Sheet SW-846

SDG No.: BM082824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3751-01	WC-CMC-ESLAG-1	Solid	Bis(2-ethylhexyl)phthalate	540.000		190	360	ug/Kg
Total Svoc :				540.00				
Total Concentration:				9,360.00				
Client ID : P-1-COMPOSITE								
P3767-02	P-1-COMPOSITE	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3767-02	P-1-COMPOSITE	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3767-02	P-1-COMPOSITE	Solid	5-Octadecene, (E)-	*	270.000	J		
P3767-02	P-1-COMPOSITE	Solid	n-Hexadecanoic acid	*	310.000	J		
P3767-02	P-1-COMPOSITE	Solid	Octacosanol	*	170.000	J		
P3767-02	P-1-COMPOSITE	Solid	Octadecanoic acid	*	140.000	J		
P3767-02	P-1-COMPOSITE	Solid	unknown3.257	*	77.100	J		
Total Tics :				1,237.10				
P3767-02	P-1-COMPOSITE	Solid	Benzo(a)anthracene		89.600	J 88.5	190	ug/Kg
P3767-02	P-1-COMPOSITE	Solid	Benzo(a)pyrene		110.000	J 100	190	ug/Kg
P3767-02	P-1-COMPOSITE	Solid	Benzo(b)fluoranthene		180.000	J 89	190	ug/Kg
P3767-02	P-1-COMPOSITE	Solid	Benzo(g,h,i)perylene		90.600	J 87.9	190	ug/Kg
P3767-02	P-1-COMPOSITE	Solid	Chrysene		120.000	J 87.2	190	ug/Kg
P3767-02	P-1-COMPOSITE	Solid	Fluoranthene		130.000	J 89.6	190	ug/Kg
P3767-02	P-1-COMPOSITE	Solid	Pyrene		140.000	J 91	190	ug/Kg
Total Svoc :				860.20				
Total Concentration:				2,097.30				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM082624 SAS No.: BM082624 SDG No.: BM082624

Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____

Calibration Time(s): 12:23 _____

LAB FILE ID:		RRF2.5 = BM047344.D			RRF005 = BM047345.D		RRF010 = BM047346.D	
		RRF020 = BM047347.D			RRF040 = BM047348.D		RRF050 = BM047349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.483	0.481	0.511	0.495	0.462	0.482	3.5
Pyridine		1.216	1.177	1.260	1.199	1.133	1.184	3.9
2-Fluorophenol		1.147	1.083	1.102	1.042	0.963	1.042	6.9
Benzaldehyde		1.024	0.958	0.926	0.756	0.666	0.783	24.1
Aniline		1.333	1.336	1.435	1.326	1.239	1.286	9.0
Phenol-d6		1.441	1.447	1.508	1.436	1.356	1.420	3.8
Phenol		1.415	1.436	1.487	1.403	1.325	1.397	4.0
bis(2-Chloroethyl)ether		1.262	1.223	1.275	1.225	1.160	1.211	4.0
2-Chlorophenol		1.236	1.207	1.249	1.171	1.099	1.167	5.8
1,2-Dichlorobenzene		1.486	1.439	1.478	1.386	1.271	1.369	7.6
1,3-Dichlorobenzene		1.552	1.471	1.494	1.451	1.336	1.427	6.2
1,4-Dichlorobenzene		1.559	1.496	1.523	1.468	1.356	1.445	6.2
Benzyl Alcohol		0.851	0.921	1.060	1.031	0.999	0.985	7.4
2-Methylphenol		0.928	0.958	1.063	1.007	0.951	0.971	5.1
2,2-oxybis(1-Chloropropane)		1.472	1.512	1.580	1.501	1.398	1.452	6.4
Acetophenone		0.498	0.485	0.484	0.471	0.433	0.464	5.9
3+4-Methylphenols		1.272	1.334	1.473	1.400	1.328	1.350	5.1
n-Nitroso-di-n-propylamine	1.043	0.975	1.017	1.083	0.971	0.918	0.976	7.1
Nitrobenzene-d5		0.370	0.371	0.375	0.374	0.341	0.360	4.4
Hexachloroethane		0.570	0.544	0.576	0.549	0.515	0.540	5.1
Nitrobenzene		0.383	0.377	0.389	0.388	0.351	0.371	5.0
Isophorone		0.698	0.680	0.729	0.701	0.652	0.681	4.6
2-Nitrophenol		0.165	0.172	0.188	0.195	0.181	0.182	6.0
2,4-Dimethylphenol		0.200	0.202	0.217	0.214	0.201	0.206	3.5
bis(2-Chloroethoxy)methane		0.427	0.424	0.442	0.433	0.397	0.417	4.7
2,4-Dichlorophenol		0.283	0.308	0.333	0.342	0.318	0.319	6.2
1,2,4-Trichlorobenzene		0.385	0.372	0.379	0.380	0.353	0.369	3.8
Benzoic acid			0.205	0.247	0.258	0.250	0.246	8.5
Naphthalene		1.035	1.011	1.017	0.991	0.917	0.977	5.1
4-Chloroaniline		0.349	0.358	0.388	0.378	0.355	0.363	4.3
Hexachlorobutadiene		0.235	0.227	0.236	0.239	0.220	0.230	3.0
Caprolactam		0.101	0.094	0.116	0.105	0.103	0.103	6.6
4-Chloro-3-methylphenol		0.310	0.314	0.353	0.337	0.319	0.324	5.0
2-Methylnaphthalene		0.726	0.726	0.754	0.725	0.679	0.712	4.1
Hexachlorocyclopentadiene			0.154	0.173	0.205	0.189	0.187	10.6
2,4,6-Trichlorophenol		0.382	0.387	0.415	0.428	0.402	0.406	4.1

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BM082624

SAS No.: BM082624

SDG No.: BM082624

Instrument ID:

Calibration Date(s): 8/26/2024

Calibration Time(s): 12:23

LAB FILE ID:		RRF2.5 = BM047344.D			RRF005 = BM047345.D		RRF010 = BM047346.D	
		RRF020 = BM047347.D			RRF040 = BM047348.D		RRF050 = BM047349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.419	1.345	1.315	1.341	1.221	1.302	5.7
2,4,5-Trichlorophenol		0.433	0.434	0.463	0.474	0.443	0.451	3.4
1,1-Biphenyl		1.494	1.433	1.423	1.432	1.312	1.397	4.8
2-Chloronaphthalene		1.170	1.129	1.128	1.116	1.027	1.094	5.0
2-Nitroaniline		0.293	0.296	0.328	0.324	0.301	0.307	4.7
Dimethylphthalate		1.462	1.385	1.457	1.401	1.313	1.378	4.9
Acenaphthylene		1.665	1.626	1.661	1.641	1.502	1.591	4.7
2,6-Dinitrotoluene		0.317	0.309	0.340	0.334	0.315	0.321	3.7
3-Nitroaniline		0.279	0.278	0.321	0.311	0.293	0.296	5.3
Acenaphthene		1.065	1.037	1.045	1.030	0.951	1.010	4.5
2,4-Dinitrophenol			0.152	0.198	0.208	0.206	0.198	11.5
4-Nitrophenol			0.187	0.245	0.240	0.237	0.231	9.7
Dibenzofuran		1.763	1.679	1.701	1.653	1.518	1.626	6.0
2,4-Dinitrotoluene		0.416	0.410	0.457	0.426	0.403	0.415	5.3
Diethylphthalate		1.461	1.355	1.487	1.375	1.289	1.359	6.6
4-Chlorophenyl-phenylether		0.729	0.673	0.698	0.675	0.633	0.670	5.3
Fluorene		1.447	1.352	1.398	1.332	1.235	1.316	7.0
4-Nitroaniline		0.255	0.252	0.314	0.286	0.272	0.274	7.8
4,6-Dinitro-2-methylphenol		0.099	0.109	0.131	0.136	0.126	0.123	10.9
n-Nitrosodiphenylamine		0.559	0.567	0.565	0.574	0.517	0.547	4.5
Azobenzene		1.228	1.221	1.292	1.208	1.119	1.184	6.2
2,4,6-Tribromophenol		0.250	0.239	0.262	0.246	0.232	0.241	5.1
4-Bromophenyl-phenylether		0.211	0.213	0.216	0.221	0.201	0.211	3.1
Hexachlorobenzene		0.254	0.247	0.249	0.254	0.232	0.244	3.9
Atrazine		0.198	0.193	0.195	0.161	0.148	0.179	12.7
Pentachlorophenol		0.138	0.148	0.164	0.170	0.157	0.158	6.9
Phenanthrene		1.034	1.006	1.004	0.997	0.915	0.971	5.3
Anthracene		0.980	0.984	0.990	0.982	0.893	0.947	5.0
Carbazole		0.969	0.927	0.970	0.939	0.846	0.909	6.1
Di-n-butylphthalate		1.155	1.117	1.201	1.154	1.039	1.106	6.1
Fluoranthene		1.269	1.170	1.215	1.163	1.039	1.140	7.7
Benzidine		0.298	0.251	0.259	0.507	0.206	0.334	32.6
Pyrene		1.480	1.491	1.575	1.598	1.526	1.534	3.0
Terphenyl-d14		1.074	1.100	1.170	1.176	1.105	1.124	3.5
Butylbenzylphthalate		0.551	0.567	0.631	0.642	0.597	0.600	5.6
3,3-Dichlorobenzidine		0.457	0.431	0.459	0.479	0.393	0.439	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM082624 SAS No.: BM082624 SDG No.: BM082624
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 12:23 _____

LAB FILE ID:		RRF2.5 = BM047344.D			RRF005 = BM047345.D		RRF010 = BM047346.D	
		RRF020 = BM047347.D			RRF040 = BM047348.D		RRF050 = BM047349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.337	1.284	1.355	1.356	1.241	1.304	3.5
Chrysene		1.283	1.230	1.259	1.266	1.156	1.227	3.8
Bis(2-ethylhexyl)phthalate		0.856	0.828	0.874	0.892	0.821	0.848	3.3
Di-n-octyl phthalate		1.457	1.372	1.398	1.521	1.383	1.428	3.6
Benzo(b)fluoranthene		1.154	1.156	1.219	1.216	1.131	1.167	3.0
Benzo(k)fluoranthene		1.161	1.123	1.183	1.130	1.032	1.106	5.5
Benzo(a)pyrene		1.024	1.002	1.040	1.053	0.963	1.009	3.2
Indeno(1,2,3-cd)pyrene		1.317	1.245	1.213	1.314	1.194	1.252	3.8
Dibenzo(a,h)anthracene		1.078	1.021	0.993	1.061	0.959	1.014	4.2
Benzo(g,h,i)perylene		1.111	1.036	1.012	1.110	1.005	1.054	4.1
1,2,4,5-Tetrachlorobenzene		0.599	0.590	0.587	0.622	0.569	0.592	2.7
1,4-Dioxane		0.479	0.453	0.449	0.424	0.390	0.427	8.2
2,3,4,6-Tetrachlorophenol		0.363	0.355	0.395	0.383	0.364	0.370	3.9
1-Methylnaphthalene		0.726	0.723	0.748	0.717	0.666	0.704	4.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM082824 SAS No.: BM082824 SDG NO.: BM082824

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 10:17

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	250362	7.351	992556	10.10	673216	14.01
UPPER LIMIT	500724	7.851	1985112	10.604	1346432	14.51
LOWER LIMIT	125181	6.851	496278	9.604	336608	13.51
EPA SAMPLE NO.						
01 PB163019BL	319753	7.35	1.1936e+	10.10	833306	14.01
02 PB163019BS	281145	7.35	1.05984e	10.10	695266	14.01
03 COMP-3	243497	7.35	919690	10.10	642964	14.01
04 WC-2	264640	7.35	1.01338e	10.10	694984	14.01
05 WC-3	250920	7.35	976754	10.10	674012	14.01
06 DNB-44-COMPOSITE	317925	7.35	1.21834e	10.10	813395	14.01
07 WC-11DL	360757	7.35	1.3616e+	10.10	895749	14.01
08 SU-03-08232024DL2	298612	7.35	1.13459e	10.10	744089	14.01
09 MOO-SOIL-PILEDL	318938	7.35	1.19948e	10.10	788191	14.01
10 COMP-4DL	303355	7.35	1.15609e	10.10	759950	14.01
11 P-1-COMPOSITE	324682	7.35	1.23599e	10.10	820392	14.01
12 WC-CMC-ESLAG-1	590196 *	7.35	2.23658e *	10.10	1.49838e *	14.01
13 OK-02-082624	286704	7.35	1.10194e	10.10	726428	14.01
14 CL-01-082624	328886	7.35	1.23157e	10.10	803963	14.01

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM082824 SAS No.: BM082824 SDG NO.: BM082824

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BM047373.D Time Analyzed: 10:17

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	248731	7.351	914918	10.10	595721	14.02
UPPER LIMIT	497462	7.851	1829836	10.604	1191442	14.515
LOWER LIMIT	124365.5	6.851	457459	9.604	297860.5	13.515
EPA SAMPLE NO.						
01 PB163019BL	319753	7.35	1.1936e+	10.10	833306	14.01
02 PB163019BS	281145	7.35	1.05984e	10.10	695266	14.01
03 COMP-3	243497	7.35	919690	10.10	642964	14.01
04 WC-2	264640	7.35	1.01338e	10.10	694984	14.01
05 WC-3	250920	7.35	976754	10.10	674012	14.01
06 DNB-44-COMPOSITE	317925	7.35	1.21834e	10.10	813395	14.01
07 WC-11DL	360757	7.35	1.3616e+	10.10	895749	14.01
08 SU-03-08232024DL2	298612	7.35	1.13459e	10.10	744089	14.01
09 MOO-SOIL-PILEDL	318938	7.35	1.19948e	10.10	788191	14.01
10 COMP-4DL	303355	7.35	1.15609e	10.10	759950	14.01
11 P-1-COMPOSITE	324682	7.35	1.23599e	10.10	820392	14.01
12 WC-CMC-ESLAG-1	590196 *	7.35	2.23658e *	10.10	1.49838e *	14.01
13 OK-02-082624	286704	7.35	1.10194e	10.10	726428	14.01
14 CL-01-082624	328886	7.35	1.23157e	10.10	803963	14.01

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.: BM082824 SAS No.: BM082824 SDG NO.: BM082824

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 10:17

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.33014e+01	16.774	999229	21.021	1.11798e+01	23.715
UPPER LIMIT	2660280	17.274	1998458	21.521	2235960	24.215
LOWER LIMIT	665070	16.274	499614.5	20.521	558990	23.215
EPA SAMPLE NO.						
01 PB163019BL	1.76251	16.78	1.40071e+	21.02	1.34186e+	23.72
02 PB163019BS	1.36073	16.78	856512	21.02	812940	23.72
03 COMP-3	1.41948	16.77	1.28889e+	21.02	1.23947e+	23.72
04 WC-2	1.49283	16.77	1.30289e+	21.02	1.28405e+	23.72
05 WC-3	1.46104	16.77	1.29905e+	21.02	1.26178e+	23.72
06 DNB-44-COMPOSITE	1.63611	16.77	1.22318e+	21.02	1.26424e+	23.72
07 WC-11DL	1.68345	16.77	1.28074e+	21.02	1.4036e+0	23.73
08 SU-03-08232024DL2	1.47448	16.78	1.01215e+	21.02	1.08178e+	23.72
09 MOO-SOIL-PILEDL	1.50295	16.78	941205	21.03	1.08969e+	23.73
10 COMP-4DL	1.50379	16.78	979723	21.03	1.09036e+	23.73
11 P-1-COMPOSITE	1.59887	16.77	1.04032e+	21.02	1.14702e+	23.72
12 WC-CMC-ESLAG-1	2.78513*	16.78	1.66995e+	21.03	1.99237e+	23.73
13 OK-02-082624	1.35962	16.78	893589	21.02	997229	23.73
14 CL-01-082624	1.45527	16.78	979338	21.02	1.10666e+	23.73

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 LOWER 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.: BM082824 SAS No.: BM082824 SDG NO.: BM082824

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BM047373.D Time Analyzed: 10:17

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.20384e+01	16.78	958652	21.027	1.1299e+00	23.727
UPPER LIMIT	2407680	17.28	1917304	21.527	2259800	24.227
LOWER LIMIT	601920	16.28	479326	20.527	564950	23.227
EPA SAMPLE NO.						
01 PB163019BL	1.76251	16.78	1.40071e+	21.02	1.34186e+	23.72
02 PB163019BS	1.36073	16.78	856512	21.02	812940	23.72
03 COMP-3	1.41948	16.77	1.28889e+	21.02	1.23947e+	23.72
04 WC-2	1.49283	16.77	1.30289e+	21.02	1.28405e+	23.72
05 WC-3	1.46104	16.77	1.29905e+	21.02	1.26178e+	23.72
06 DNB-44-COMPOSITE	1.63611	16.77	1.22318e+	21.02	1.26424e+	23.72
07 WC-11DL	1.68345	16.77	1.28074e+	21.02	1.4036e+0	23.73
08 SU-03-08232024DL2	1.47448	16.78	1.01215e+	21.02	1.08178e+	23.72
09 MOO-SOIL-PILEDL	1.50295	16.78	941205	21.03	1.08969e+	23.73
10 COMP-4DL	1.50379	16.78	979723	21.03	1.09036e+	23.73
11 P-1-COMPOSITE	1.59887	16.77	1.04032e+	21.02	1.14702e+	23.72
12 WC-CMC-ESLAG-1	2.78513*	16.78	1.66995e+	21.03	1.99237e+	23.73
13 OK-02-082624	1.35962	16.78	893589	21.02	997229	23.73
14 CL-01-082624	1.45527	16.78	979338	21.02	1.10666e+	23.73

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 LOWER 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.: **BM082824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163019BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	840	ug/Kg	49				10	133	
	Aniline	1700	1700	ug/Kg	100				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1800	ug/Kg	106				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				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	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	2100	ug/Kg	124				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1200	ug/Kg	71				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	6100	ug/Kg	185		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	27000	ug/Kg	99				57	104	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM082824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163019BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1900	ug/Kg	112				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	3500	ug/Kg	106		*		10	98	
	Pyrene	1700	1900	ug/Kg	112		*		59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163019BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM082824

SAS No.: BM082824 SDG NO.: BM082824

Lab File ID: BM047374.D

Lab Sample ID: PB163019BL

Instrument ID: BNA_M

Date Extracted: 08/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/28/2024

Level: (low/med) LOW

Time Analyzed: 10:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163019BS	PB163019BS	BM047375.D	08/28/2024
COMP-3	P3737-03	BM047376.D	08/28/2024
WC-2	P3739-09	BM047377.D	08/28/2024
WC-3	P3739-13	BM047378.D	08/28/2024
DNB-44-COMPOSITE	P3746-01	BM047379.D	08/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

P-1-COMPOSITE

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM082824

SAS No.: BM082824 SDG NO.: BM082824

Lab File ID: BM047384.D

Lab Sample ID: P3767-02

Instrument ID: BNA_M

Date Extracted: 08/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/28/2024

Level: (low/med) LOW

Time Analyzed: 17:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
P-1-COMPOSITE	P3767-02	BM047384.D	08/28/2024
WC-CMC-ESLAG-1	P3751-01	BM047385.D	08/28/2024
OK-02-082624	P3748-01	BM047386.D	08/28/2024
CL-01-082624	P3749-01	BM047387.D	08/28/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM082824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3726-01DL	MOO-SOIL-PILEDBM047382.D		2-Fluorophenol	150	111.05	74		18	112
			Phenol-d6	150	109.35	73		15	107
			Nitrobenzene-d5	100	73.56	74		18	107
			2-Fluorobiphenyl	100	72.67	73		20	109
			2,4,6-Tribromophenol	150	109.27	73		10	116
			Terphenyl-d14	100	76.78	77		10	105
P3728-01DL2	SU-03-08232024DIBM047381.D		2-Fluorophenol	150	96.95	65		18	112
			Phenol-d6	150	91.40	61		15	107
			Nitrobenzene-d5	100	60.60	61		18	107
			2-Fluorobiphenyl	100	71.90	72		20	109
			2,4,6-Tribromophenol	150	90.30	60		10	116
			Terphenyl-d14	100	82.60	83		10	105

Surrogate Summary

SW-846

SDG No.: **BM082824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3735-01DL	WC-11DL	BM047380.D	2-Fluorophenol	150	75.09	50		18	112
			Phenol-d6	150	75.32	50		15	107
			Nitrobenzene-d5	100	50.93	51		18	107
			2-Fluorobiphenyl	100	49.55	50		20	109
			2,4,6-Tribromophenol	150	74.53	50		10	116
			Terphenyl-d14	100	44.95	45		10	105
P3737-03	COMP-3	BM047376.D	2-Fluorophenol	150	77.33	52		18	112
			Phenol-d6	150	78.20	52		15	107
			Nitrobenzene-d5	100	51.58	52		18	107
			2-Fluorobiphenyl	100	47.24	47		20	109
			2,4,6-Tribromophenol	150	83.58	56		10	116
			Terphenyl-d14	100	41.58	42		10	105
P3737-04DL	COMP-4DL	BM047383.D	2-Fluorophenol	150	98.63	66		18	112
			Phenol-d6	150	97.11	65		15	107
			Nitrobenzene-d5	100	64.93	65		18	107
			2-Fluorobiphenyl	100	64.76	65		20	109
			2,4,6-Tribromophenol	150	97.32	65		10	116
			Terphenyl-d14	100	71.70	72		10	105
P3739-09	WC-2	BM047377.D	2-Fluorophenol	150	135.22	90		18	112
			Phenol-d6	150	134.89	90		15	107
			Nitrobenzene-d5	100	86.62	87		18	107
			2-Fluorobiphenyl	100	78.47	78		20	109
			2,4,6-Tribromophenol	150	143.85	96		10	116
			Terphenyl-d14	100	73.23	73		10	105
P3739-13	WC-3	BM047378.D	2-Fluorophenol	150	97.26	65		18	112
			Phenol-d6	150	96.41	64		15	107
			Nitrobenzene-d5	100	62.71	63		18	107
			2-Fluorobiphenyl	100	59.68	60		20	109
			2,4,6-Tribromophenol	150	100.14	67		10	116
			Terphenyl-d14	100	56.75	57		10	105
P3746-01	DNB-44-COMPOS	BM047379.D	2-Fluorophenol	150	74.66	50		18	112
			Phenol-d6	150	72.13	48		15	107
			Nitrobenzene-d5	100	47.82	48		18	107
			2-Fluorobiphenyl	100	45.85	46		20	109
			2,4,6-Tribromophenol	150	71.54	48		10	116
			Terphenyl-d14	100	43.85	44		10	105
PB163019BL	PB163019BL	BM047374.D	2-Fluorophenol	150	124.53	83		18	112
			Phenol-d6	150	117.94	79		15	107
			Nitrobenzene-d5	100	80.14	80		18	107
			2-Fluorobiphenyl	100	78.50	79		20	109
			2,4,6-Tribromophenol	150	124.87	83		10	116
			Terphenyl-d14	100	83.68	84		10	105
PB163019BS	PB163019BS	BM047375.D	2-Fluorophenol	150	138.46	92		18	112
			Phenol-d6	150	131.68	88		15	107
			Nitrobenzene-d5	100	90.59	91		18	107
			2-Fluorobiphenyl	100	91.90	92		20	109
			2,4,6-Tribromophenol	150	136.74	91		10	116
			Terphenyl-d14	100	113.34	113	*	10	105

Surrogate Summary

SW-846

SDG No.: **BM082824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3748-01	OK-02-082624	BM047386.D	2-Fluorophenol	150	95.96	64		18	112
			Phenol-d6	150	91.81	61		15	107
			Nitrobenzene-d5	100	59.31	59		18	107
			2-Fluorobiphenyl	100	65.94	66		20	109
			2,4,6-Tribromophenol	150	87.47	58		10	116
			Terphenyl-d14	100	69.68	70		10	105
P3749-01	CL-01-082624	BM047387.D	2-Fluorophenol	150	83.91	56		18	112
			Phenol-d6	150	79.74	53		15	107
			Nitrobenzene-d5	100	52.60	53		18	107
			2-Fluorobiphenyl	100	59.14	59		20	109
			2,4,6-Tribromophenol	150	73.34	49		10	116
			Terphenyl-d14	100	60.05	60		10	105
P3751-01	WC-CMC-ESLAG-BM047385.D		2-Fluorophenol	150	27.44	18		18	112
			Phenol-d6	150	28.81	19		15	107
			Nitrobenzene-d5	100	22.38	22		18	107
			2-Fluorobiphenyl	100	23.25	23		20	109
			2,4,6-Tribromophenol	150	24.22	16		10	116
			Terphenyl-d14	100	23.04	23		10	105
P3767-02	P-1-COMPOSITE	BM047384.D	2-Fluorophenol	150	93.66	62		18	112
			Phenol-d6	150	92.04	61		15	107
			Nitrobenzene-d5	100	62.95	63		18	107
			2-Fluorobiphenyl	100	62.92	63		20	109
			2,4,6-Tribromophenol	150	96.51	64		10	116
			Terphenyl-d14	100	67.60	68		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM082824

Lab Code: CHEM

SAS No.: BM082824

SDG NO.: BM082824

Lab File ID: BM047372.D

DFTPP Injection Date: 08/28/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	29.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	37.7
197	Less than 2.0% of mass 198	0.5
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	27.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.9
443	15.0 - 24.0% of mass 442	13 (19.4) 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	BM047373.D	08/28/2024	09:37
PB163019BL	PB163019BL	BM047374.D	08/28/2024	10:17
PB163019BS	PB163019BS	BM047375.D	08/28/2024	10:57
COMP-3	P3737-03	BM047376.D	08/28/2024	11:42
WC-2	P3739-09	BM047377.D	08/28/2024	12:22
WC-3	P3739-13	BM047378.D	08/28/2024	13:03
DNB-44-COMPOSITE	P3746-01	BM047379.D	08/28/2024	13:43
WC-11DL	P3735-01DL	BM047380.D	08/28/2024	14:24
SU-03-08232024DL2	P3728-01DL2	BM047381.D	08/28/2024	15:04
MOO-SOIL-PILEDL	P3726-01DL	BM047382.D	08/28/2024	15:44
COMP-4DL	P3737-04DL	BM047383.D	08/28/2024	16:25
P-1-COMPOSITE	P3767-02	BM047384.D	08/28/2024	17:05
WC-CMC-ESLAG-1	P3751-01	BM047385.D	08/28/2024	17:46
OK-02-082624	P3748-01	BM047386.D	08/28/2024	18:26
CL-01-082624	P3749-01	BM047387.D	08/28/2024	19:07