

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM082924 SAS No.: BM082924 SDG No.: BM082924

Instrument ID: BNA_M Calibration Date/Time: 8/29/2024 1:10:17

Lab File ID: BM047389.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	0.474		-1.66	
Pyridine	1.184	1.188		0.338	
2-Fluorophenol	1.042	1.062		1.919	
Benzaldehyde	0.783	0.849		8.429	
Aniline	1.286	1.344		4.51	
Phenol-d6	1.420	1.467		3.31	
Phenol	1.397	1.428		2.219	20.0
bis(2-Chloroethyl) ether	1.211	1.211		0.0	
2-Chlorophenol	1.167	1.203		3.085	
1,2-Dichlorobenzene	1.369	1.398		2.118	
1,3-Dichlorobenzene	1.427	1.444		1.191	
1,4-Dichlorobenzene	1.445	1.469		1.661	20.0
Benzyl Alcohol	0.985	1.082		9.848	
2-Methylphenol	0.971	1.030		6.076	
2,2-oxybis(1-Chloropropane)	1.452	1.449		-0.207	
Acetophenone	0.464	0.469		1.078	
3+4-Methylphenols	1.350	1.422		5.333	
n-Nitroso-di-n-propylamine	0.976	0.969	0.050	-0.717	
Nitrobenzene-d5	0.360	0.368		2.222	
Hexachloroethane	0.540	0.542		0.37	
Nitrobenzene	0.371	0.384		3.504	
Isophorone	0.681	0.715		4.993	
2-Nitrophenol	0.182	0.197		8.242	20.0
2,4-Dimethylphenol	0.206	0.222		7.767	
bis(2-Chloroethoxy) methane	0.417	0.436		4.556	
2,4-Dichlorophenol	0.319	0.352		10.345	20.0
1,2,4-Trichlorobenzene	0.369	0.384		4.065	
Benzoic acid	0.246	0.265		7.724	
Naphthalene	0.977	0.999		2.252	
4-Chloroaniline	0.363	0.397		9.366	
Hexachlorobutadiene	0.230	0.241		4.783	20.0
Caprolactam	0.103	0.125		21.359	
4-Chloro-3-methylphenol	0.324	0.360		11.111	20.0
2-Methylnaphthalene	0.712	0.747		4.916	
Hexachlorocyclopentadiene	0.187	0.254	0.050	35.829	
2,4,6-Trichlorophenol	0.406	0.425		4.68	20.0
2-Fluorobiphenyl	1.302	1.300		-0.154	
2,4,5-Trichlorophenol	0.451	0.475		5.322	
1,1-Biphenyl	1.397	1.393		-0.286	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM082924 SAS No.: BM082924 SDG No.: BM082924

Instrument ID: BNA_M Calibration Date/Time: 8/29/2024 1:10:17

Lab File ID: BM047389.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	1.100		0.548	
2-Nitroaniline	0.307	0.334		8.795	
Dimethylphthalate	1.378	1.484		7.692	
Acenaphthylene	1.591	1.634		2.703	
2,6-Dinitrotoluene	0.321	0.354		10.28	
3-Nitroaniline	0.296	0.342		15.541	
Acenaphthene	1.010	1.036		2.574	20.0
2,4-Dinitrophenol	0.198	0.212	0.050	7.071	
4-Nitrophenol	0.231	0.268	0.050	16.017	
Dibenzofuran	1.626	1.692		4.059	
2,4-Dinitrotoluene	0.415	0.474		14.217	
Diethylphthalate	1.359	1.490		9.639	
4-Chlorophenyl-phenylether	0.670	0.702		4.776	
Fluorene	1.316	1.386		5.319	
4-Nitroaniline	0.274	0.348		27.007	
4,6-Dinitro-2-methylphenol	0.123	0.130		5.691	
n-Nitrosodiphenylamine	0.547	0.538		-1.645	20.0
Azobenzene	1.184	1.231		3.97	
2,4,6-Tribromophenol	0.241	0.271		12.448	
4-Bromophenyl-phenylether	0.211	0.209		-0.948	
Hexachlorobenzene	0.244	0.246		0.82	
Atrazine	0.179	0.176		-1.676	
Pentachlorophenol	0.158	0.159		0.633	20.0
Phenanthrene	0.971	0.994		2.369	
Anthracene	0.947	0.982		3.696	
Carbazole	0.909	1.001		10.121	
Di-n-butylphthalate	1.106	1.207		9.132	
Fluoranthene	1.140	1.283		12.544	20.0
Benzidine	0.334	0.676		102.395	
Pyrene	1.534	1.461		-4.759	
Terphenyl-d14	1.124	1.073		-4.537	
Butylbenzylphthalate	0.600	0.623		3.833	
3,3-Dichlorobenzidine	0.439	0.507		15.49	
Benzo(a)anthracene	1.304	1.363		4.525	
Chrysene	1.227	1.267		3.26	
Bis(2-ethylhexyl)phthalate	0.848	0.864		1.887	
Di-n-octyl phthalate	1.428	1.574		10.224	20.0
Benzo(b)fluoranthene	1.167	1.157		-0.857	
Benzo(k)fluoranthene	1.106	1.107		0.09	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM082924 SAS No.: BM082924 SDG No.: BM082924
 Instrument ID: BNA_M Calibration Date/Time: 8/29/2024 1:10:17
 Lab File ID: BM047389.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	1.040		3.072	20.0
Indeno(1,2,3-cd)pyrene	1.252	1.323		5.671	
Dibenzo(a,h)anthracene	1.014	1.071		5.621	
Benzo(g,h,i)perylene	1.054	1.115		5.787	
1,2,4,5-Tetrachlorobenzene	0.592	0.600		1.351	
1,4-Dioxane	0.427	0.407		-4.684	20.0
2,3,4,6-Tetrachlorophenol	0.370	0.399		7.838	
1-Methylnaphthalene	0.704	0.734		4.261	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL	SDG No.:	BM082924
Lab Sample ID:	PB163024BL	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
BM047390.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

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:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL	SDG No.:	BM082924
Lab Sample ID:	PB163024BL	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
BM047390.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

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:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL	SDG No.:	BM082924
Lab Sample ID:	PB163024BL	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
BM047390.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

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	128.21		18-112		85	SPK: -150
13127-88-3	Phenol-d6	123.596		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	81.492		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	78.619		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BL	SDG No.:	BM082924
Lab Sample ID:	PB163024BL	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
BM047390.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.416		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	73.15		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241380	7.345				
1146-65-2	Naphthalene-d8	922060	10.104				
15067-26-2	Acenaphthene-d10	679971	14.01				
1517-22-2	Phenanthrene-d10	1542345	16.78				
1719-03-5	Chrysene-d12	1565634	21.021				
1520-96-3	Perylene-d12	1762457	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.557	

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BS	SDG No.:	BM082924
Lab Sample ID:	PB163024BS	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
BM047391.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	920		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	360		180	270	330	ug/Kg
62-53-3	Aniline	890		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	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		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)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		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	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BS	SDG No.:	BM082924
Lab Sample ID:	PB163024BS	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
BM047391.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		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	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1300		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81.1	130	170	ug/Kg
Total PAH	Total PAH	24700		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		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	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BS	SDG No.:	BM082924
Lab Sample ID:	PB163024BS	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
BM047391.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	750		160	270	330	ug/Kg
129-00-0	Pyrene	1300		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		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	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	920		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.625		18-112		87	SPK: -150
13127-88-3	Phenol-d6	127.338		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	80.3		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	78.385		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163024BS	SDG No.:	BM082924
Lab Sample ID:	PB163024BS	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
BM047391.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.442		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	79.125		10-105		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293280	7.345				
1146-65-2	Naphthalene-d8	1171133	10.104				
15067-26-2	Acenaphthene-d10	825608	14.01				
1517-22-2	Phenanthrene-d10	1784491	16.78				
1719-03-5	Chrysene-d12	1585657	21.027				
1520-96-3	Perylene-d12	1734077	23.721				

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BL	SDG No.:	BM082924
Lab Sample ID:	PB163062BL	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
BM047392.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BL	SDG No.:	BM082924
Lab Sample ID:	PB163062BL	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
BM047392.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

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

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BL	SDG No.:	BM082924
Lab Sample ID:	PB163062BL	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
BM047392.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.434		18-112		86	SPK: -150
13127-88-3	Phenol-d6	124.929		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	81.608		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	79.127		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BL	SDG No.:	BM082924
Lab Sample ID:	PB163062BL	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
BM047392.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.403		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	73.538		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260002	7.345				
1146-65-2	Naphthalene-d8	992647	10.104				
15067-26-2	Acenaphthene-d10	732314	14.01				
1517-22-2	Phenanthrene-d10	1687263	16.78				
1719-03-5	Chrysene-d12	1713734	21.027				
1520-96-3	Perylene-d12	1898370	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.557	
000057-10-3	n-Hexadecanoic acid	140	J			17.715	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BS	SDG No.:	BM082924
Lab Sample ID:	PB163062BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047393.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	920		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	360		180	270	330	ug/Kg
62-53-3	Aniline	900		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1000		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BS	SDG No.:	BM082924
Lab Sample ID:	PB163062BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047393.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1300		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	24800		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BS	SDG No.:	BM082924
Lab Sample ID:	PB163062BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047393.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	760		160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	920		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.9		18-112		87	SPK: -150
13127-88-3	Phenol-d6	128.588		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	80.322		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	78.145		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163062BS	SDG No.:	BM082924
Lab Sample ID:	PB163062BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047393.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.526		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	78.66		10-105		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	301240	7.345				
1146-65-2	Naphthalene-d8	1209419	10.104				
15067-26-2	Acenaphthene-d10	856667	14.01				
1517-22-2	Phenanthrene-d10	1859852	16.774				
1719-03-5	Chrysene-d12	1649265	21.021				
1520-96-3	Perylene-d12	1803926	23.721				

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-1-1.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047394.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

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

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-1-1.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047394.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	210		79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg



Client:				Date Collected:	8/28/2024 12:00:00 AM	
Project:				Date Received:	8/28/2024 12:00:00 AM	
Client Sample ID:	S-865-N-SO-1-1.5-082824			SDG No.:	BM082924	
Lab Sample ID:	P3775-02			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
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
BM047394.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	170		84.1	130	170	ug/Kg
206-44-0	Fluoranthene	230		81.5	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	180		82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	80.5	130	170	ug/Kg
218-01-9	Chrysene	120	J	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.7	J	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.028		18-112		48	SPK: -150
13127-88-3	Phenol-d6	70.898		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	48.049		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	44.788		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-1-1.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BM047394.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.491		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	43.985		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234482	7.345				
1146-65-2	Naphthalene-d8	886939	10.098				
15067-26-2	Acenaphthene-d10	618552	14.004				
1517-22-2	Phenanthrene-d10	1326798	16.774				
1719-03-5	Chrysene-d12	1156999	21.015				
1520-96-3	Perylene-d12	1116746	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	93.8	A			4.557	
000770-35-4	1-Phenoxypropan-2-ol	90.2	J			10.869	
000057-10-3	n-Hexadecanoic acid	1500	J			17.715	
000057-11-4	Octadecanoic acid	630	J			19.009	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			20.744	

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-0-0.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047395.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

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

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-0-0.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047395.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	250		81.1	130	170	ug/Kg
Total PAH	Total PAH	13100		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	180		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	320		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-0-0.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047395.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	2400		84	130	170	ug/Kg
120-12-7	Anthracene	680		84.4	130	170	ug/Kg
86-74-8	Carbazole	340		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	2500		81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	1900		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	980		80.7	130	170	ug/Kg
218-01-9	Chrysene	880		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	360		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	830		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	460		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	58.517		18-112		39	SPK: -150
13127-88-3	Phenol-d6	56.573		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	38.896		18-107		39	SPK: -100
321-60-8	2-Fluorobiphenyl	35.359		20-109		35	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	S-865-N-SO-0-0.5-082824	SDG No.:	BM082924
Lab Sample ID:	P3775-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047395.D	1	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.115		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	36.508		10-105		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249344	7.346				
1146-65-2	Naphthalene-d8	940140	10.098				
15067-26-2	Acenaphthene-d10	644571	14.004				
1517-22-2	Phenanthrene-d10	1355835	16.774				
1719-03-5	Chrysene-d12	1050738	21.015				
1520-96-3	Perylene-d12	1053731	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	81.3	J			3.258	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	74	A			4.557	
000770-35-4	1-Phenoxypropan-2-ol	110	J			10.869	
000132-65-0	Dibenzothiophene	140	J			16.592	
002531-84-2	Phenanthrene, 2-methyl-	150	J			17.651	
000057-10-3	n-Hexadecanoic acid	560	J			17.71	
000832-69-9	Phenanthrene, 1-methyl-	140	J			17.78	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			17.845	
000832-64-4	Phenanthrene, 4-methyl-	93.6	J			17.88	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	120	J			18.163	
000084-65-1	9,10-Anthracenedione	110	J			18.215	
000057-11-4	Octadecanoic acid	74	J			19.009	
000243-17-4	11H-Benzo[b]fluorene	120	J			19.727	
000238-84-6	11H-Benzo[a]fluorene	110	J			19.827	
000192-97-2	Benzo[e]pyrene	140	J			23.086	
000198-55-0	Perylene	590	J			23.468	

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824	SDG No.:	BM082924
Lab Sample ID:	P3773-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047396.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.2	U	52.2	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.7	U	97.7	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824	SDG No.:	BM082924
Lab Sample ID:	P3773-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047396.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.4	U	92.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.8	U	95.8	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1710	U	1710	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824	SDG No.:	BM082924
Lab Sample ID:	P3773-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047396.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96.7	U	96.7	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.476		18-112		56	SPK: -150
13127-88-3	Phenol-d6	81.362		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	58.65		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	58.894		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824	SDG No.:	BM082924
Lab Sample ID:	P3773-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047396.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.066		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	53.228		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	373373	7.345				
1146-65-2	Naphthalene-d8	1337615	10.098				
15067-26-2	Acenaphthene-d10	862967	14.004				
1517-22-2	Phenanthrene-d10	1548759	16.774				
1719-03-5	Chrysene-d12	1203823	21.015				
1520-96-3	Perylene-d12	1381799	23.715				
TENTATIVE IDENTIFIED COMPOUNDS							
031295-56-4	Dodecane, 2,6,11-trimethyl-	130	J			11.133	
062238-11-3	Decane, 2,3,5-trimethyl-	120	J			11.545	
000629-59-4	Tetradecane	150	J			12.833	
006117-97-1	Dodecane, 4-methyl-	250	J			13.51	
000629-62-9	Pentadecane	260	J			13.933	
1000309-12-4	Sulfurous acid, 2-propyl tridecyl	130	J			14.557	
000544-76-3	Hexadecane	360	J			14.898	
004292-19-7	Dodecane, 1-iodo-	240	J			15.304	
035599-77-0	Tridecane, 1-iodo-	560	J			15.768	
013287-23-5	Heptadecane, 8-methyl-	480	J			16.562	
000593-45-3	Octadecane	270	J			16.615	
000646-31-1	Tetracosane	430	J			17.304	
000057-10-3	n-Hexadecanoic acid	360	J			17.709	
000629-92-5	Nonadecane	380	J			17.998	
000629-94-7	Heneicosane	380	J			18.645	
000057-11-4	Octadecanoic acid	220	J			19.009	
000629-97-0	Docosane	240	J			19.233	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	930	J			19.268	
000638-67-5	Tricosane	140	J			19.78	

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824	SDG No.:	BM082924
Lab Sample ID:	P3773-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047396.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000382-54-3	Carbonic acid, eicosyl vinyl ester	130	J			20.744	

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MS	SDG No.:	BM082924
Lab Sample ID:	P3773-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047397.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	750		110	350	430	ug/Kg
110-86-1	Pyridine	660		100	170	220	ug/Kg
100-52-7	Benzaldehyde	320	J	240	350	430	ug/Kg
62-53-3	Aniline	650		130	170	220	ug/Kg
108-95-2	Phenol	840		110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	800		110	170	220	ug/Kg
95-57-8	2-Chlorophenol	870		110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	840		110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	810		110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	810		110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	890		110	350	430	ug/Kg
95-48-7	2-Methylphenol	840		100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		120	170	220	ug/Kg
98-86-2	Acetophenone	800		110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	800		100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	730		52.2	100	100	ug/Kg
67-72-1	Hexachloroethane	740		110	170	220	ug/Kg
98-95-3	Nitrobenzene	800		120	170	220	ug/Kg
78-59-1	Isophorone	800		110	170	220	ug/Kg
88-75-5	2-Nitrophenol	840		120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	810		110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	870		97.7	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	820		110	170	220	ug/Kg
65-85-0	Benzoic acid	670		310	350	430	ug/Kg
91-20-3	Naphthalene	830		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	590		110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	840		110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MS	SDG No.:	BM082924
Lab Sample ID:	P3773-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047397.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	770		110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	800		100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	820		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	J	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	860		92.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	830		95.8	170	220	ug/Kg
92-52-4	1,1-Biphenyl	820		110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	820		110	170	220	ug/Kg
88-74-4	2-Nitroaniline	830		120	170	220	ug/Kg
131-11-3	Dimethylphthalate	820		110	170	220	ug/Kg
208-96-8	Acenaphthylene	880		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	770		110	170	220	ug/Kg
99-09-2	3-Nitroaniline	610		120	170	220	ug/Kg
83-32-9	Acenaphthene	830		100	170	220	ug/Kg
Total PAH	Total PAH	13030		1710	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	430	ug/Kg
100-02-7	4-Nitrophenol	1500		150	350	430	ug/Kg
132-64-9	Dibenzofuran	820		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	520		220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	750		110	170	220	ug/Kg
84-66-2	Diethylphthalate	810		100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	780		110	170	220	ug/Kg
86-73-7	Fluorene	780		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	710		140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	J	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	920		110	170	220	ug/Kg
103-33-3	Azobenzene	760		100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	870		100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	810		110	170	220	ug/Kg
1912-24-9	Atrazine	1000		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MS	SDG No.:	BM082924
Lab Sample ID:	P3773-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047397.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1500		100	350	430	ug/Kg
85-01-8	Phenanthrene	850		110	170	220	ug/Kg
120-12-7	Anthracene	880		110	170	220	ug/Kg
86-74-8	Carbazole	820		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	870		110	170	220	ug/Kg
206-44-0	Fluoranthene	750		110	170	220	ug/Kg
92-87-5	Benzidine	1700		210	350	430	ug/Kg
129-00-0	Pyrene	810		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	810		130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	810		100	170	220	ug/Kg
218-01-9	Chrysene	800		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	810		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	810		140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	750		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	850		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	760		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870		110	170	220	ug/Kg
123-91-1	1,4-Dioxane	670		140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	810		96.7	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	770		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.814		18-112		53	SPK: -150
13127-88-3	Phenol-d6	74.998		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	53.024		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	53.974		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MS	SDG No.:	BM082924
Lab Sample ID:	P3773-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047397.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.778		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	50.716		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	354998	7.346				
1146-65-2	Naphthalene-d8	1331279	10.098				
15067-26-2	Acenaphthene-d10	866026	14.01				
1517-22-2	Phenanthrene-d10	1546878	16.774				
1719-03-5	Chrysene-d12	1107823	21.021				
1520-96-3	Perylene-d12	1314595	23.721				

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MSD	SDG No.:	BM082924
Lab Sample ID:	P3773-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
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
BM047398.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	810		110	350	430	ug/Kg
110-86-1	Pyridine	720		100	170	220	ug/Kg
100-52-7	Benzaldehyde	360	J	240	350	430	ug/Kg
62-53-3	Aniline	760		130	170	220	ug/Kg
108-95-2	Phenol	940		110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	900		110	170	220	ug/Kg
95-57-8	2-Chlorophenol	980		110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	930		110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	1000		110	350	430	ug/Kg
95-48-7	2-Methylphenol	940		100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		120	170	220	ug/Kg
98-86-2	Acetophenone	900		110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	910		100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	820		52.2	100	100	ug/Kg
67-72-1	Hexachloroethane	760		110	170	220	ug/Kg
98-95-3	Nitrobenzene	890		120	170	220	ug/Kg
78-59-1	Isophorone	900		110	170	220	ug/Kg
88-75-5	2-Nitrophenol	930		120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	900		110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		97.8	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	930		110	170	220	ug/Kg
65-85-0	Benzoic acid	780		310	350	430	ug/Kg
91-20-3	Naphthalene	930		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	710		110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	970		110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MSD	SDG No.:	BM082924
Lab Sample ID:	P3773-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
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
BM047398.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	900		110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	920		100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	940		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	J	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		92.5	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930		95.9	170	220	ug/Kg
92-52-4	1,1-Biphenyl	930		110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	930		110	170	220	ug/Kg
88-74-4	2-Nitroaniline	960		120	170	220	ug/Kg
131-11-3	Dimethylphthalate	920		110	170	220	ug/Kg
208-96-8	Acenaphthylene	1000		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	880		110	170	220	ug/Kg
99-09-2	3-Nitroaniline	750		120	170	220	ug/Kg
83-32-9	Acenaphthene	950		110	170	220	ug/Kg
Total PAH	Total PAH	15150		1730	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	430	ug/Kg
100-02-7	4-Nitrophenol	1800		150	350	430	ug/Kg
132-64-9	Dibenzofuran	940		110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	870		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	750		220	170	440	ug/Kg
84-66-2	Diethylphthalate	920		100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		110	170	220	ug/Kg
86-73-7	Fluorene	910		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	880		140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	J	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		110	170	220	ug/Kg
103-33-3	Azobenzene	880		100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	990		100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	930		110	170	220	ug/Kg
1912-24-9	Atrazine	1200		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MSD	SDG No.:	BM082924
Lab Sample ID:	P3773-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
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
BM047398.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1700		100	350	430	ug/Kg
85-01-8	Phenanthrene	970		110	170	220	ug/Kg
120-12-7	Anthracene	1000		110	170	220	ug/Kg
86-74-8	Carbazole	940		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	990		110	170	220	ug/Kg
206-44-0	Fluoranthene	870		110	170	220	ug/Kg
92-87-5	Benzidine	2200		210	350	430	ug/Kg
129-00-0	Pyrene	980		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	990		130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	950		100	170	220	ug/Kg
218-01-9	Chrysene	950		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	960		140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	990		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	980		110	170	220	ug/Kg
123-91-1	1,4-Dioxane	740		140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		96.8	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	890		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.49		18-112		58	SPK: -150
13127-88-3	Phenol-d6	84.492		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.742		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	60.53		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	AU-06-082824MSD	SDG No.:	BM082924
Lab Sample ID:	P3773-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.4
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
BM047398.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.182		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	62.372		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304090	7.346				
1146-65-2	Naphthalene-d8	1137395	10.104				
15067-26-2	Acenaphthene-d10	760325	14.01				
1517-22-2	Phenanthrene-d10	1407501	16.78				
1719-03-5	Chrysene-d12	955156	21.021				
1520-96-3	Perylene-d12	1101251	23.727				

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	DN-W-03	SDG No.:	BM082924
Lab Sample ID:	P3771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BM047399.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	U	200	610	750	ug/Kg
110-86-1	Pyridine	180	U	180	300	390	ug/Kg
100-52-7	Benzaldehyde	410	U	410	610	750	ug/Kg
62-53-3	Aniline	220	U	220	300	390	ug/Kg
108-95-2	Phenol	190	U	190	300	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	190	300	390	ug/Kg
95-57-8	2-Chlorophenol	190	U	190	300	390	ug/Kg
95-50-1	1,2-Dichlorobenzene	190	U	190	300	390	ug/Kg
541-73-1	1,3-Dichlorobenzene	200	U	200	300	390	ug/Kg
106-46-7	1,4-Dichlorobenzene	200	U	200	300	390	ug/Kg
100-51-6	Benzyl Alcohol	190	U	190	610	750	ug/Kg
95-48-7	2-Methylphenol	180	U	180	300	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	300	390	ug/Kg
98-86-2	Acetophenone	200	U	200	300	390	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	180	610	750	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	91.5	U	91.5	180	180	ug/Kg
67-72-1	Hexachloroethane	190	U	190	300	390	ug/Kg
98-95-3	Nitrobenzene	210	U	210	300	390	ug/Kg
78-59-1	Isophorone	190	U	190	300	390	ug/Kg
88-75-5	2-Nitrophenol	210	U	210	300	390	ug/Kg
105-67-9	2,4-Dimethylphenol	210	U	210	300	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	190	300	390	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	300	390	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	300	390	ug/Kg
65-85-0	Benzoic acid	540	U	540	610	750	ug/Kg
91-20-3	Naphthalene	190	U	190	300	390	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	300	390	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	300	390	ug/Kg



Client:				Date Collected:	8/28/2024 12:00:00 AM	
Project:				Date Received:	8/28/2024 12:00:00 AM	
Client Sample ID:	DN-W-03			SDG No.:	BM082924	
Lab Sample ID:	P3771-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12	
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047399.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	200	U	200	610	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	180	300	390	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	300	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	350	U	350	610	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	300	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	300	390	ug/Kg
92-52-4	1,1-Biphenyl	200	U	200	300	390	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	300	390	ug/Kg
88-74-4	2-Nitroaniline	220	U	220	300	390	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	300	390	ug/Kg
208-96-8	Acenaphthylene	200	U	200	300	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	190	300	390	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	300	390	ug/Kg
83-32-9	Acenaphthene	180	U	180	300	390	ug/Kg
Total PAH	Total PAH	3930	U	3000	300	6240	ug/Kg
51-28-5	2,4-Dinitrophenol	550	U	550	610	750	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	610	750	ug/Kg
132-64-9	Dibenzofuran	190	U	190	300	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	300	390	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	390	U	390	300	780	ug/Kg
84-66-2	Diethylphthalate	180	U	180	300	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	190	300	390	ug/Kg
86-73-7	Fluorene	190	U	190	300	390	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	300	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	610	750	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	190	300	390	ug/Kg
103-33-3	Azobenzene	180	U	180	300	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	300	390	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	300	390	ug/Kg
1912-24-9	Atrazine	210	U	210	300	390	ug/Kg

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	DN-W-03	SDG No.:	BM082924
Lab Sample ID:	P3771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BM047399.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	180	U	180	610	750	ug/Kg
85-01-8	Phenanthrene	290	J	190	300	390	ug/Kg
120-12-7	Anthracene	190	U	190	300	390	ug/Kg
86-74-8	Carbazole	180	U	180	300	390	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	300	390	ug/Kg
206-44-0	Fluoranthene	360	J	190	300	390	ug/Kg
92-87-5	Benzidine	370	U	370	610	750	ug/Kg
129-00-0	Pyrene	460		190	300	390	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	300	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	610	750	ug/Kg
56-55-3	Benzo(a)anthracene	270	J	180	300	390	ug/Kg
218-01-9	Chrysene	330	J	180	300	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	J	210	300	390	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	610	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		180	300	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	190	300	390	ug/Kg
50-32-8	Benzo(a)pyrene	410		210	300	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460		180	300	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	180	300	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650		180	300	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	300	390	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	300	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	300	390	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	390	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.434		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.436		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	60.236		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	62.784		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/28/2024 12:00:00 AM
Project:		Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	DN-W-03	SDG No.:	BM082924
Lab Sample ID:	P3771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BM047399.D	2	8/29/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.148		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	64.018		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	319798	7.351				
1146-65-2	Naphthalene-d8	1186749	10.104				
15067-26-2	Acenaphthene-d10	772528	14.01				
1517-22-2	Phenanthrene-d10	1382229	16.78				
1719-03-5	Chrysene-d12	968887	21.021				
1520-96-3	Perylene-d12	1131647	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
056651-60-6	1-(Isocyanatomethyl)-4-(methyloxy)	330	J			15.792	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	460	J			15.88	
	unknown15.945	640	J			15.945	
024518-48-7	4-(7-Methyloctyl)phenol	510	J			16.004	
002409-55-4	Phenol, 2-(1,1-dimethylethyl)-4-me	280	J			16.045	
1000373-45-3	4-(1,1-Dimethylpropyl)phenyl aceta	380	J			16.121	
002050-44-4	Acetamide, N-(2,5-dimethylphenyl)-	290	J			16.151	
	unknown16.204	810	J			16.204	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	560	J			16.268	
	unknown16.345	390	J			16.345	
000613-12-7	Anthracene, 2-methyl-	220	J			17.657	
000057-10-3	n-Hexadecanoic acid	870	J			17.715	
000057-11-4	Octadecanoic acid	500	J			19.015	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	230	J			20.239	

Hit Summary Sheet SW-846

SDG No.: BM082924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DN-W-03								
P3771-01	DN-W-03	Solid	1-(Isocyanatomethyl)-4-(methoxy	*	330.000	J		
P3771-01	DN-W-03	Solid	4-(1,1-Dimethylpropyl)phenyl ace	*	380.000	J		
P3771-01	DN-W-03	Solid	4-(7-Methyloctyl)phenol	*	510.000	J		
P3771-01	DN-W-03	Solid	Acetamide, N-(2,5-dimethylpheny	*	290.000	J		
P3771-01	DN-W-03	Solid	Anthracene, 2-methyl-	*	220.000	J		
P3771-01	DN-W-03	Solid	Hexanedioic acid, bis(2-ethylhexy	*	230.000	J		
P3771-01	DN-W-03	Solid	n-Hexadecanoic acid	*	870.000	J		
P3771-01	DN-W-03	Solid	Octadecanoic acid	*	500.000	J		
P3771-01	DN-W-03	Solid	Phenol, 2-(1,1,3,3-tetramethylbuty	*	560.000	J		
P3771-01	DN-W-03	Solid	Phenol, 2-(1,1-dimethylethyl)-4-n	*	280.000	J		
P3771-01	DN-W-03	Solid	Phenol, 4-(1,1,3,3-tetramethylbuty	*	460.000	J		
P3771-01	DN-W-03	Solid	unknown15.945	*	640.000	J		
P3771-01	DN-W-03	Solid	unknown16.204	*	810.000	J		
P3771-01	DN-W-03	Solid	unknown16.345	*	390.000	J		
Total Tics :					6,470.00			
P3771-01	DN-W-03	Solid	Benzo(a)anthracene		270.000	J	180	ug/Kg
P3771-01	DN-W-03	Solid	Benzo(a)pyrene		410.000		210	ug/Kg
P3771-01	DN-W-03	Solid	Benzo(b)fluoranthene		510.000		180	ug/Kg
P3771-01	DN-W-03	Solid	Benzo(g,h,i)perylene		650.000		180	ug/Kg
P3771-01	DN-W-03	Solid	Benzo(k)fluoranthene		190.000	J	190	ug/Kg
P3771-01	DN-W-03	Solid	Bis(2-ethylhexyl)phthalate		280.000	J	210	ug/Kg
P3771-01	DN-W-03	Solid	Chrysene		330.000	J	180	ug/Kg
P3771-01	DN-W-03	Solid	Fluoranthene		360.000	J	190	ug/Kg
P3771-01	DN-W-03	Solid	Indeno(1,2,3-cd)pyrene		460.000		180	ug/Kg
P3771-01	DN-W-03	Solid	Phenanthrene		290.000	J	190	ug/Kg
P3771-01	DN-W-03	Solid	Pyrene		460.000		190	ug/Kg
Total Svoc :					4,210.00			
Total Concentration:					10,680.00			
Client ID : AU-06-082824								
P3773-02	AU-06-082824	Solid	Carbonic acid, eicosyl vinyl ester	*	130.000	J		
P3773-02	AU-06-082824	Solid	Decane, 2,3,5-trimethyl-	*	120.000	J		
P3773-02	AU-06-082824	Solid	Docosane	*	240.000	J		
P3773-02	AU-06-082824	Solid	Dodecane, 1-iodo-	*	240.000	J		
P3773-02	AU-06-082824	Solid	Dodecane, 2,6,11-trimethyl-	*	130.000	J		
P3773-02	AU-06-082824	Solid	Dodecane, 4-methyl-	*	250.000	J		
P3773-02	AU-06-082824	Solid	Heneicosane	*	380.000	J		
P3773-02	AU-06-082824	Solid	Heptadecane, 8-methyl-	*	480.000	J		

Hit Summary Sheet SW-846

SDG No.: BM082924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3773-02	AU-06-082824	Solid	Hexadecane	*	360.000	J		
P3773-02	AU-06-082824	Solid	n-Hexadecanoic acid	*	360.000	J		
P3773-02	AU-06-082824	Solid	Nonadecane	*	380.000	J		
P3773-02	AU-06-082824	Solid	Octadecane	*	270.000	J		
P3773-02	AU-06-082824	Solid	Octadecanoic acid	*	220.000	J		
P3773-02	AU-06-082824	Solid	Pentadecane	*	260.000	J		
P3773-02	AU-06-082824	Solid	Phenol, 4,4-(1-methylethylidene)b	*	930.000	J		
P3773-02	AU-06-082824	Solid	Sulfurous acid, 2-propyl tridecyl	*	130.000	J		
P3773-02	AU-06-082824	Solid	Tetracosane	*	430.000	J		
P3773-02	AU-06-082824	Solid	Tetradecane	*	150.000	J		
P3773-02	AU-06-082824	Solid	Tricosane	*	140.000	J		
P3773-02	AU-06-082824	Solid	Tridecane, 1-iodo-	*	560.000	J		
Total Tics :					6,160.00			
Total Concentration:					6,160.00			

Client ID : S-865-N-SO-0-0.5-082824

P3775-01	S-865-N-SO-0-0.5-08282	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	74.000	A		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	4H-Cyclopenta[def]phenanthrene	*	390.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	120.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	9,10-Anthracenedione	*	110.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Benzo[e]pyrene	*	140.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Dibenzothiophene	*	140.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	n-Hexadecanoic acid	*	560.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Octadecanoic acid	*	74.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Perylene	*	590.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Phenanthrene, 1-methyl-	*	140.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Phenanthrene, 2-methyl-	*	150.000	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Phenanthrene, 4-methyl-	*	93.600	J		
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Propylene Glycol	*	81.300	J		
Total Tics :					3,002.90			
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Acenaphthene		250.000	81.1	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Anthracene		680.000	84.4	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Benzo(a)anthracene		980.000	80.7	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Benzo(a)pyrene		830.000	93	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Benzo(b)fluoranthene		1,000.000	81.1	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Benzo(g,h,i)perylene		460.000	80.1	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Benzo(k)fluoranthene		360.000	82.6	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Carbazole		340.000	80.3	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM082924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Chrysene	880.000		79.5	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Dibenzo(a,h)anthracene	130.000	J	81.2	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Dibenzofuran	180.000		84.4	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Fluoranthene	2,500.000		81.7	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Fluorene	320.000		85.5	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Indeno(1,2,3-cd)pyrene	410.000		78.1	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Phenanthrene	2,400.000		84	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Pyrene	1,900.000		83	170	ug/Kg
P3775-01	S-865-N-SO-0-0.5-08282	Solid	Total PAH	13,100.000		1325.1	2720	ug/Kg

Total Svoc : 26,720.00

Total Concentration: 29,722.90

Client ID : S-865-N-SO-1-1.5-082824

P3775-02	S-865-N-SO-1-1.5-08282	Solid	1-Phenoxypropan-2-ol	*	90.200	J		
P3775-02	S-865-N-SO-1-1.5-08282	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	93.800	A		
P3775-02	S-865-N-SO-1-1.5-08282	Solid	n-Hexadecanoic acid	*	1,500.000	J		
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Octadecanoic acid	*	630.000	J		
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Pentadecafluorooctanoic acid, oct:	*	110.000	J		

Total Tics : 2,424.00

P3775-02	S-865-N-SO-1-1.5-08282	Solid	Benzo(a)anthracene		130.000	J	80.5	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Benzo(a)pyrene		160.000	J	92.8	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Benzo(b)fluoranthene		180.000		80.9	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Benzo(g,h,i)perylene		110.000	J	79.9	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Bis(2-ethylhexyl)phthalate		160.000	J	90.8	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Chrysene		120.000	J	79.3	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Di-n-butylphthalate		170.000		84.1	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Diethylphthalate		210.000		79.9	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Fluoranthene		230.000		81.5	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Indeno(1,2,3-cd)pyrene		86.700	J	77.9	170 ug/Kg
P3775-02	S-865-N-SO-1-1.5-08282	Solid	Pyrene		180.000		82.8	170 ug/Kg

Total Svoc : 1,736.70

Total Concentration: 4,160.70



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
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.

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
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.: BM082924 SAS No.: BM082924 SDG NO.: BM082924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 10:57

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 PB163024BL	241380	7.35	922060	10.10	679971	14.01
02 PB163024BS	293280	7.35	1.17113e	10.10	825608	14.01
03 PB163062BL	260002	7.35	992647	10.10	732314	14.01
04 PB163062BS	301240	7.35	1.20942e	10.10	856667	14.01
05 S-865-N-SO-1-1.5-082824	234482	7.35	886939	10.10	618552	14.00
06 S-865-N-SO-0-0.5-082824	249344	7.35	940140	10.10	644571	14.00
07 AU-06-082824	373373	7.35	1.33762e	10.10	862967	14.00
08 AU-06-082824MS	354998	7.35	1.33128e	10.10	866026	14.01
09 AU-06-082824MSD	304090	7.35	1.1374e+	10.10	760325	14.01
10 DN-W-03	319798	7.35	1.18675e	10.10	772528	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.: BM082924 SAS No.: BM082924 SDG NO.: BM082924

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BM047389.D Time Analyzed: 10:57

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	195303	7.351	785172	10.10	573468	14.01
UPPER LIMIT	390606	7.851	1570344	10.604	1146936	14.51
LOWER LIMIT	97651.5	6.851	392586	9.604	286734	13.51
EPA SAMPLE NO.						
01 PB163024BL	241380	7.35	922060	10.10	679971	14.01
02 PB163024BS	293280	7.35	1.17113e	10.10	825608	14.01
03 PB163062BL	260002	7.35	992647	10.10	732314	14.01
04 PB163062BS	301240	7.35	1.20942e	10.10	856667	14.01
05 S-865-N-SO-1-1.5-082824	234482	7.35	886939	10.10	618552	14.00
06 S-865-N-SO-0-0.5-082824	249344	7.35	940140	10.10	644571	14.00
07 AU-06-082824	373373	7.35	1.33762e	10.10	862967	14.00
08 AU-06-082824MS	354998	7.35	1.33128e	10.10	866026	14.01
09 AU-06-082824MSD	304090	7.35	1.1374e+	10.10	760325	14.01
10 DN-W-03	319798	7.35	1.18675e	10.10	772528	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.: BM082924 SAS No.: BM082924 SDG NO.: BM082924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BM047348.D Time Analyzed: 10:57

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 PB163024BL	1.54235	16.78	1.56563e+	21.02	1.76246e+	23.72
02 PB163024BS	1.78449	16.78	1.58566e+	21.03	1.73408e+	23.72
03 PB163062BL	1.68726	16.78	1.71373e+	21.03	1.89837e+	23.73
04 PB163062BS	1.85985	16.77	1.64927e+	21.02	1.80393e+	23.72
05 S-865-N-SO-1-1.5-082824	1.3268e	16.77	1.157e+00	21.02	1.11675e+	23.72
06 S-865-N-SO-0-0.5-082824	1.35584	16.77	1.05074e+	21.02	1.05373e+	23.72
07 AU-06-082824	1.54876	16.77	1.20382e+	21.02	1.3818e+0	23.72
08 AU-06-082824MS	1.54688	16.77	1.10782e+	21.02	1.3146e+0	23.72
09 AU-06-082824MSD	1.4075e	16.78	955156	21.02	1.10125e+	23.73
10 DN-W-03	1.38223	16.78	968887	21.02	1.13165e+	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 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.: BM082924 SAS No.: BM082924 SDG NO.: BM082924

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BM047389.D Time Analyzed: 10:57

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	1.28919e+01	16.78	1.18797e+	21.027	1.47075e+01	23.727
UPPER LIMIT	2578380	17.28	2375940	21.527	2941500	24.227
LOWER LIMIT	644595	16.28	593985	20.527	735375	23.227
EPA SAMPLE NO.						
01 PB163024BL	1.54235	16.78	1.56563e+	21.02	1.76246e+	23.72
02 PB163024BS	1.78449	16.78	1.58566e+	21.03	1.73408e+	23.72
03 PB163062BL	1.68726	16.78	1.71373e+	21.03	1.89837e+	23.73
04 PB163062BS	1.85985	16.77	1.64927e+	21.02	1.80393e+	23.72
05 S-865-N-SO-1-1.5-082824	1.3268e	16.77	1.157e+00	21.02	1.11675e+	23.72
06 S-865-N-SO-0-0.5-082824	1.35584	16.77	1.05074e+	21.02	1.05373e+	23.72
07 AU-06-082824	1.54876	16.77	1.20382e+	21.02	1.3818e+0	23.72
08 AU-06-082824MS	1.54688	16.77	1.10782e+	21.02	1.3146e+0	23.72
09 AU-06-082824MSD	1.4075e	16.78	955156	21.02	1.10125e+	23.73
10 DN-W-03	1.38223	16.78	968887	21.02	1.13165e+	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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM082924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163024BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	920	ug/Kg	54				28	98		
	Benzaldehyde	1700	360	ug/Kg	21				10	133		
	Aniline	1700	890	ug/Kg	52				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	1400	ug/Kg	82				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116		
	2-Methylphenol	1700	1600	ug/Kg	94				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100		
	Acetophenone	1700	1300	ug/Kg	76				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	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1400	ug/Kg	82				59	99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141		
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97		
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1400	ug/Kg	82				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	165		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98		
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103		
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99		
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101		
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	Total PAH	27200	24700	ug/Kg	91				57	104		
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM082924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163024BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3000	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1300	ug/Kg	76				47	152	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	750	ug/Kg	23				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	920	ug/Kg	54				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM082924

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163062BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	920	ug/Kg	54				28	98	
	Benzaldehyde	1700	360	ug/Kg	21				10	133	
	Aniline	1700	900	ug/Kg	53				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	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1300	ug/Kg	76				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	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	1000	ug/Kg	59				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	24800	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM082924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163062BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3000	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1300	ug/Kg	76				47	152	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	760	ug/Kg	23				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	920	ug/Kg	54				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163024BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM082924

SAS No.: BM082924 SDG NO.: BM082924

Lab File ID: BM047390.D

Lab Sample ID: PB163024BL

Instrument ID: BNA_M

Date Extracted: 08/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/29/2024

Level: (low/med) LOW

Time Analyzed: 10:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163024BS	PB163024BS	BM047391.D	08/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163062BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM082924

SAS No.: BM082924 SDG NO.: BM082924

Lab File ID: BM047392.D

Lab Sample ID: PB163062BL

Instrument ID: BNA_M

Date Extracted: 08/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/29/2024

Level: (low/med) LOW

Time Analyzed: 13:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163062BS	PB163062BS	BM047393.D	08/29/2024
S-865-N-SO-1-1.5-082824	P3775-02	BM047394.D	08/29/2024
S-865-N-SO-0-0.5-082824	P3775-01	BM047395.D	08/29/2024
AU-06-082824	P3773-02	BM047396.D	08/29/2024
AU-06-082824MS	P3773-02MS	BM047397.D	08/29/2024
AU-06-082824MSD	P3773-02MSD	BM047398.D	08/29/2024
DN-W-03	P3771-01	BM047399.D	08/29/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM082924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3773-02MS		Client Sample ID: AU-06-082824MS		DataFile: BM047397.D							
n-Nitrosodimethylamine	1100		750	ug/Kg	68				66	124	
Pyridine	1100		660	ug/Kg	60				45	119	
Benzaldehyde	1100		320	ug/Kg	29				10	86	
Aniline	1100		650	ug/Kg	59				10	88	
Phenol	1100		840	ug/Kg	76				67	126	
bis(2-Chloroethyl)ether	1100		800	ug/Kg	73				54	125	
2-Chlorophenol	1100		870	ug/Kg	79				79	107	
1,2-Dichlorobenzene	1100		840	ug/Kg	76				61	105	
1,3-Dichlorobenzene	1100		810	ug/Kg	74				62	101	
1,4-Dichlorobenzene	1100		810	ug/Kg	74				63	104	
Benzyl Alcohol	1100		890	ug/Kg	81				47	126	
2-Methylphenol	1100		840	ug/Kg	76				66	122	
2,2-oxybis(1-Chloropropane)	1100		810	ug/Kg	74				65	110	
Acetophenone	1100		800	ug/Kg	73	*			75	111	
3+4-Methylphenols	1100		800	ug/Kg	73				66	104	
N-Nitroso-di-n-propylamine	1100		730	ug/Kg	66				59	119	
Hexachloroethane	1100		740	ug/Kg	67				65	117	
Nitrobenzene	1100		800	ug/Kg	73				70	119	
Isophorone	1100		800	ug/Kg	73	*			76	122	
2-Nitrophenol	1100		840	ug/Kg	76				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				44	135	
bis(2-Chloroethoxy)methane	1100		810	ug/Kg	74				68	112	
2,4-Dichlorophenol	1100		870	ug/Kg	79				72	118	
1,2,4-Trichlorobenzene	1100		820	ug/Kg	75				57	103	
Benzoic acid	1100		670	ug/Kg	61				50	104	
Naphthalene	1100		830	ug/Kg	75				72	110	
4-Chloroaniline	1100		590	ug/Kg	54				10	91	
Hexachlorobutadiene	1100		840	ug/Kg	76				66	114	
Caprolactam	1100		770	ug/Kg	70				51	134	
4-Chloro-3-methylphenol	1100		800	ug/Kg	73				57	132	
2-Methylnaphthalene	1100		820	ug/Kg	75				59	123	
Hexachlorocyclopentadiene	2200		240	ug/Kg	11				10	175	
2,4,6-Trichlorophenol	1100		860	ug/Kg	78				72	117	
2,4,5-Trichlorophenol	1100		830	ug/Kg	75				72	117	
1,1-Biphenyl	1100		820	ug/Kg	75				75	113	
2-Chloronaphthalene	1100		820	ug/Kg	75				67	118	
2-Nitroaniline	1100		830	ug/Kg	75				69	127	
Dimethylphthalate	1100		820	ug/Kg	75				70	113	
Acenaphthylene	1100		880	ug/Kg	80				79	118	
2,6-Dinitrotoluene	1100		770	ug/Kg	70				70	125	
3-Nitroaniline	1100		610	ug/Kg	55				30	99	
Acenaphthene	1100		830	ug/Kg	75				70	121	
Total PAH	17600		13030	ug/Kg	74				70	121	
2,4-Dinitrophenol	2200		0	ug/Kg	0	*			10	155	
4-Nitrophenol	2200		1500	ug/Kg	68				45	133	
Dibenzofuran	1100		820	ug/Kg	75				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM082924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		750	ug/Kg	68				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1520	ug/Kg	69				55	128	
Diethylphthalate	1100		810	ug/Kg	74				70	112	
4-Chlorophenyl-phenylether	1100		780	ug/Kg	71				71	108	
Fluorene	1100		780	ug/Kg	71				68	116	
4-Nitroaniline	1100		710	ug/Kg	65				55	120	
4,6-Dinitro-2-methylphenol	1100		240	ug/Kg	22				10	160	
N-Nitrosodiphenylamine	1100		920	ug/Kg	84				73	118	
Azobenzene	1100		760	ug/Kg	69	*			73	110	
4-Bromophenyl-phenylether	1100		870	ug/Kg	79				65	121	
Hexachlorobenzene	1100		810	ug/Kg	74				67	118	
Atrazine	1100		1000	ug/Kg	91				79	127	
Pentachlorophenol	2200		1500	ug/Kg	68				47	128	
Phenanthrene	1100		850	ug/Kg	77				52	128	
Anthracene	1100		880	ug/Kg	80				62	124	
Carbazole	1100		820	ug/Kg	75				59	119	
Di-n-butylphthalate	1100		870	ug/Kg	79				69	118	
Fluoranthene	1100		750	ug/Kg	68				44	125	
Benzydine	2200		1700	ug/Kg	77				10	119	
Pyrene	1100		810	ug/Kg	74				26	142	
Butylbenzylphthalate	1100		810	ug/Kg	74				64	126	
3,3-Dichlorobenzidine	1100		770	ug/Kg	70				33	116	
Benzo(a)anthracene	1100		810	ug/Kg	74				71	114	
Chrysene	1100		800	ug/Kg	73				57	121	
bis(2-Ethylhexyl)phthalate	1100		810	ug/Kg	74				42	169	
Di-n-octyl phthalate	1100		810	ug/Kg	74				23	175	
Benzo(b)fluoranthene	1100		750	ug/Kg	68				67	121	
Benzo(k)fluoranthene	1100		790	ug/Kg	72				57	134	
Benzo(a)pyrene	1100		850	ug/Kg	77				70	142	
Indeno(1,2,3-cd)pyrene	1100		830	ug/Kg	75				40	129	
Dibenz(a,h)anthracene	1100		830	ug/Kg	75				43	123	
Benzo(g,h,i)perylene	1100		760	ug/Kg	69				24	125	
1,2,4,5-Tetrachlorobenzene	1100		870	ug/Kg	79				69	124	
1,4-Dioxane	1100		670	ug/Kg	61				46	112	
2,3,4,6-Tetrachlorophenol	1100		810	ug/Kg	74				69	112	
1-Methylnaphthalene	1100		770	ug/Kg	70				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM082924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3773-02MSD		Client Sample ID: AU-06-082824MSD		DataFile: BM047398.D							
n-Nitrosodimethylamine	1100		810	ug/Kg	74		8		66	124	20
Pyridine	1100		720	ug/Kg	65		8		45	119	20
Benzaldehyde	1100		360	ug/Kg	33		13		10	86	20
Aniline	1100		760	ug/Kg	69		16		10	88	20
Phenol	1100		940	ug/Kg	85		11		67	126	20
bis(2-Chloroethyl)ether	1100		900	ug/Kg	82		12		54	125	20
2-Chlorophenol	1100		980	ug/Kg	89		12		79	107	20
1,2-Dichlorobenzene	1100		930	ug/Kg	85		11		61	105	20
1,3-Dichlorobenzene	1100		910	ug/Kg	83		11		62	101	20
1,4-Dichlorobenzene	1100		910	ug/Kg	83		11		63	104	20
Benzyl Alcohol	1100		1000	ug/Kg	91		12		47	126	20
2-Methylphenol	1100		940	ug/Kg	85		11		66	122	20
2,2-oxybis(1-Chloropropane)	1100		910	ug/Kg	83		11		65	110	20
Acetophenone	1100		900	ug/Kg	82		12		75	111	20
3+4-Methylphenols	1100		910	ug/Kg	83		13		66	104	20
N-Nitroso-di-n-propylamine	1100		820	ug/Kg	75		13		59	119	20
Hexachloroethane	1100		760	ug/Kg	69		3		65	117	20
Nitrobenzene	1100		890	ug/Kg	81		10		70	119	20
Isophorone	1100		900	ug/Kg	82		12		76	122	20
2-Nitrophenol	1100		930	ug/Kg	85		11		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		18		44	135	20
bis(2-Chloroethoxy)methane	1100		900	ug/Kg	82		10		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		14		72	118	20
1,2,4-Trichlorobenzene	1100		930	ug/Kg	85		13		57	103	20
Benzoic acid	1100		780	ug/Kg	71		15		50	104	20
Naphthalene	1100		930	ug/Kg	85		13		72	110	20
4-Chloroaniline	1100		710	ug/Kg	65		18		10	91	20
Hexachlorobutadiene	1100		970	ug/Kg	88		15		66	114	20
Caprolactam	1100		900	ug/Kg	82		16		51	134	20
4-Chloro-3-methylphenol	1100		920	ug/Kg	84		14		57	132	20
2-Methylnaphthalene	1100		940	ug/Kg	85		13		59	123	20
Hexachlorocyclopentadiene	2200		200	ug/Kg	9	*	20		10	175	20
2,4,6-Trichlorophenol	1100		980	ug/Kg	89		13		72	117	20
2,4,5-Trichlorophenol	1100		930	ug/Kg	85		13		72	117	20
1,1-Biphenyl	1100		930	ug/Kg	85		13		75	113	20
2-Chloronaphthalene	1100		930	ug/Kg	85		13		67	118	20
2-Nitroaniline	1100		960	ug/Kg	87		15		69	127	20
Dimethylphthalate	1100		920	ug/Kg	84		11		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		13		79	118	20
2,6-Dinitrotoluene	1100		880	ug/Kg	80		13		70	125	20
3-Nitroaniline	1100		750	ug/Kg	68		21	*	30	99	20
Acenaphthene	1100		950	ug/Kg	86		14		70	121	20
Total PAH	17600		15150	ug/Kg	86		15		70	121	20
2,4-Dinitrophenol	2200		0	ug/Kg	0	*			10	155	20
4-Nitrophenol	2200		1800	ug/Kg	82		19		45	133	20
Dibenzofuran	1100		940	ug/Kg	85		13		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM082924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		870	ug/Kg	79		15		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1750	ug/Kg	80		15		55	128	20
Diethylphthalate	1100		920	ug/Kg	84		13		70	112	20
4-Chlorophenyl-phenylether	1100		900	ug/Kg	82		14		71	108	20
Fluorene	1100		910	ug/Kg	83		16		68	116	20
4-Nitroaniline	1100		880	ug/Kg	80		21	*	55	120	20
4,6-Dinitro-2-methylphenol	1100		210	ug/Kg	19		15		10	160	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		8		73	118	20
Azobenzene	1100		880	ug/Kg	80		15		73	110	20
4-Bromophenyl-phenylether	1100		990	ug/Kg	90		13		65	121	20
Hexachlorobenzene	1100		930	ug/Kg	85		14		67	118	20
Atrazine	1100		1200	ug/Kg	109		18		79	127	20
Pentachlorophenol	2200		1700	ug/Kg	77		12		47	128	20
Phenanthrene	1100		970	ug/Kg	88		13		52	128	20
Anthracene	1100		1000	ug/Kg	91		13		62	124	20
Carbazole	1100		940	ug/Kg	85		13		59	119	20
Di-n-butylphthalate	1100		990	ug/Kg	90		13		69	118	20
Fluoranthene	1100		870	ug/Kg	79		15		44	125	20
Benzidine	2200		2200	ug/Kg	100		26	*	10	119	20
Pyrene	1100		980	ug/Kg	89		18		26	142	20
Butylbenzylphthalate	1100		990	ug/Kg	90		20		64	126	20
3,3-Dichlorobenzidine	1100		930	ug/Kg	85		19		33	116	20
Benzo(a)anthracene	1100		950	ug/Kg	86		15		71	114	20
Chrysene	1100		950	ug/Kg	86		16		57	121	20
bis(2-Ethylhexyl)phthalate	1100		980	ug/Kg	89		18		42	169	20
Di-n-octyl phthalate	1100		960	ug/Kg	87		16		23	175	20
Benzo(b)fluoranthene	1100		900	ug/Kg	82		19		67	121	20
Benzo(k)fluoranthene	1100		910	ug/Kg	83		14		57	134	20
Benzo(a)pyrene	1100		990	ug/Kg	90		16		70	142	20
Indeno(1,2,3-cd)pyrene	1100		980	ug/Kg	89		17		40	129	20
Dibenz(a,h)anthracene	1100		970	ug/Kg	88		16		43	123	20
Benzo(g,h,i)perylene	1100		890	ug/Kg	81		16		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		980	ug/Kg	89		12		69	124	20
1,4-Dioxane	1100		740	ug/Kg	67		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100		950	ug/Kg	86		15		69	112	20
1-Methylnaphthalene	1100		890	ug/Kg	81		15		70	130	20

Surrogate Summary

SW-846

SDG No.: BM082924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163024BL	PB163024BL	BM047390.D	2-Fluorophenol	150	128.21	85		18	112
			Phenol-d6	150	123.60	82		15	107
			Nitrobenzene-d5	100	81.49	81		18	107
			2-Fluorobiphenyl	100	78.62	79		20	109
			2,4,6-Tribromophenol	150	133.42	89		10	116
			Terphenyl-d14	100	73.15	73		10	105
PB163024BS	PB163024BS	BM047391.D	2-Fluorophenol	150	130.63	87		18	112
			Phenol-d6	150	127.34	85		15	107
			Nitrobenzene-d5	100	80.30	80		18	107
			2-Fluorobiphenyl	100	78.39	78		20	109
			2,4,6-Tribromophenol	150	125.44	84		10	116
			Terphenyl-d14	100	79.13	79		10	105

Surrogate Summary

SW-846

SDG No.: **BM082924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3771-01	DN-W-03	BM047399.D	2-Fluorophenol	150	87.43	58		18	112
			Phenol-d6	150	85.44	57		15	107
			Nitrobenzene-d5	100	60.24	60		18	107
			2-Fluorobiphenyl	100	62.78	63		20	109
			2,4,6-Tribromophenol	150	85.15	57		10	116
			Terphenyl-d14	100	64.02	64		10	105
P3773-02	AU-06-082824	BM047396.D	2-Fluorophenol	150	84.48	56		18	112
			Phenol-d6	150	81.36	54		15	107
			Nitrobenzene-d5	100	58.65	59		18	107
			2-Fluorobiphenyl	100	58.89	59		20	109
			2,4,6-Tribromophenol	150	77.07	51		10	116
			Terphenyl-d14	100	53.23	53		10	105
P3773-02MS	AU-06-082824MS	BM047397.D	2-Fluorophenol	150	78.81	53		18	112
			Phenol-d6	150	75.00	50		15	107
			Nitrobenzene-d5	100	53.02	53		18	107
			2-Fluorobiphenyl	100	53.97	54		20	109
			2,4,6-Tribromophenol	150	70.78	47		10	116
			Terphenyl-d14	100	50.72	51		10	105
P3773-02MSD	AU-06-082824MSI	BM047398.D	2-Fluorophenol	150	87.49	58		18	112
			Phenol-d6	150	84.49	56		15	107
			Nitrobenzene-d5	100	59.74	60		18	107
			2-Fluorobiphenyl	100	60.53	61		20	109
			2,4,6-Tribromophenol	150	83.18	55		10	116
			Terphenyl-d14	100	62.37	62		10	105
P3775-01	S-865-N-SO-0-0.5-(BM047395.D		2-Fluorophenol	150	58.52	39		18	112
			Phenol-d6	150	56.57	38		15	107
			Nitrobenzene-d5	100	38.90	39		18	107
			2-Fluorobiphenyl	100	35.36	35		20	109
			2,4,6-Tribromophenol	150	61.12	41		10	116
			Terphenyl-d14	100	36.51	37		10	105
P3775-02	S-865-N-SO-1-1.5-(BM047394.D		2-Fluorophenol	150	72.03	48		18	112
			Phenol-d6	150	70.90	47		15	107
			Nitrobenzene-d5	100	48.05	48		18	107
			2-Fluorobiphenyl	100	44.79	45		20	109
			2,4,6-Tribromophenol	150	78.49	52		10	116
			Terphenyl-d14	100	43.99	44		10	105
PB163062BL	PB163062BL	BM047392.D	2-Fluorophenol	150	129.43	86		18	112
			Phenol-d6	150	124.93	83		15	107
			Nitrobenzene-d5	100	81.61	82		18	107
			2-Fluorobiphenyl	100	79.13	79		20	109
			2,4,6-Tribromophenol	150	134.40	90		10	116
			Terphenyl-d14	100	73.54	74		10	105
PB163062BS	PB163062BS	BM047393.D	2-Fluorophenol	150	130.90	87		18	112
			Phenol-d6	150	128.59	86		15	107
			Nitrobenzene-d5	100	80.32	80		18	107
			2-Fluorobiphenyl	100	78.15	78		20	109
			2,4,6-Tribromophenol	150	126.53	84		10	116
			Terphenyl-d14	100	78.66	79		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM082924

Lab Code: CHEM

SAS No.: BM082924 SDG NO.: BM082924

Lab File ID: BM047388.D

DFTPP Injection Date: 08/29/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.2
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	36.8
197	Less than 2.0% of mass 198	0.4
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	3.6
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	70.5
443	15.0 - 24.0% of mass 442	13.6 (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	BM047389.D	08/29/2024	10:17
PB163024BL	PB163024BL	BM047390.D	08/29/2024	10:57
PB163024BS	PB163024BS	BM047391.D	08/29/2024	11:37
PB163062BL	PB163062BL	BM047392.D	08/29/2024	13:42
PB163062BS	PB163062BS	BM047393.D	08/29/2024	14:22
S-865-N-SO-1-1.5-082824	P3775-02	BM047394.D	08/29/2024	15:06
S-865-N-SO-0-0.5-082824	P3775-01	BM047395.D	08/29/2024	15:46
AU-06-082824	P3773-02	BM047396.D	08/29/2024	16:26
AU-06-082824MS	P3773-02MS	BM047397.D	08/29/2024	17:05
AU-06-082824MSD	P3773-02MSD	BM047398.D	08/29/2024	17:45
DN-W-03	P3771-01	BM047399.D	08/29/2024	18:25