

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091724 SAS No.: BM091724 SDG No.: BM091724

Instrument ID: BNA_M Calibration Date/Time: 9/17/2024 1:08:44

Lab File ID: BM047538.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	0.727	0.768		5.64	
Pyridine	1.601	1.681		4.997	
2-Fluorophenol	1.256	1.304		3.822	
Benzaldehyde	0.841	0.775		-7.848	
Aniline	1.568	1.578		0.638	
Phenol-d6	1.769	1.840		4.014	
Phenol	1.771	1.809		2.146	20.0
bis(2-Chloroethyl) ether	1.422	1.461		2.743	
2-Chlorophenol	1.385	1.389		0.289	
1,2-Dichlorobenzene	1.519	1.510		-0.592	
1,3-Dichlorobenzene	1.516	1.509		-0.462	
1,4-Dichlorobenzene	1.544	1.545		0.065	20.0
Benzyl Alcohol	1.198	1.198		0.0	
2-Methylphenol	1.132	1.142		0.883	
2,2-oxybis(1-Chloropropane)	2.000	2.013		0.65	
Acetophenone	0.526	0.529		0.57	
3+4-Methylphenols	1.579	1.575		-0.253	
n-Nitroso-di-n-propylamine	1.193	1.250	0.050	4.778	
Nitrobenzene-d5	0.400	0.412		3.0	
Hexachloroethane	0.617	0.637		3.241	
Nitrobenzene	0.411	0.418		1.703	
Isophorone	0.703	0.707		0.569	
2-Nitrophenol	0.140	0.138		-1.429	20.0
2,4-Dimethylphenol	0.212	0.207		-2.358	
bis(2-Chloroethoxy) methane	0.441	0.448		1.587	
2,4-Dichlorophenol	0.269	0.267		-0.743	20.0
1,2,4-Trichlorobenzene	0.309	0.299		-3.236	
Benzoic acid	0.187	0.184		-1.604	
Naphthalene	1.080	1.083		0.278	
4-Chloroaniline	0.391	0.383		-2.046	
Hexachlorobutadiene	0.171	0.162		-5.263	20.0
Caprolactam	0.089	0.091		2.247	
4-Chloro-3-methylphenol	0.309	0.314		1.618	20.0
2-Methylnaphthalene	0.719	0.720		0.139	
Hexachlorocyclopentadiene	0.177	0.175	0.050	-1.13	
2,4,6-Trichlorophenol	0.339	0.337		-0.59	20.0
2-Fluorobiphenyl	1.452	1.511		4.063	
2,4,5-Trichlorophenol	0.383	0.380		-0.783	
1,1-Biphenyl	1.556	1.583		1.735	

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Lab File ID: BM047538.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	1.208	1.225		1.407	
2-Nitroaniline	0.355	0.377		6.197	
Dimethylphthalate	1.363	1.349		-1.027	
Acenaphthylene	1.744	1.778		1.95	
2,6-Dinitrotoluene	0.288	0.296		2.778	
3-Nitroaniline	0.320	0.340		6.25	
Acenaphthene	1.222	1.257		2.864	20.0
2,4-Dinitrophenol	0.125	0.118	0.050	-5.6	
4-Nitrophenol	0.263	0.274	0.050	4.183	
Dibenzofuran	1.717	1.725		0.466	
2,4-Dinitrotoluene	0.384	0.404		5.208	
Diethylphthalate	1.451	1.487		2.481	
4-Chlorophenyl-phenylether	0.707	0.741		4.809	
Fluorene	1.546	1.664		7.633	
4-Nitroaniline	0.376	0.416		10.638	
4,6-Dinitro-2-methylphenol	0.091	0.087		-4.396	
n-Nitrosodiphenylamine	0.612	0.620		1.307	20.0
Azobenzene	1.597	1.741		9.017	
2,4,6-Tribromophenol	0.193	0.196		1.554	
4-Bromophenyl-phenylether	0.194	0.193		-0.515	
Hexachlorobenzene	0.220	0.219		-0.455	
Atrazine	0.169	0.160		-5.325	
Pentachlorophenol	0.128	0.134		4.688	20.0
Phenanthrene	1.102	1.134		2.904	
Anthracene	1.059	1.102		4.06	
Carbazole	1.049	1.088		3.718	
Di-n-butylphthalate	1.256	1.357		8.041	
Fluoranthene	1.203	1.248		3.741	20.0
Benzidine	0.282	0.387		37.234	
Pyrene	1.459	1.614		10.624	
Terphenyl-d14	1.116	1.372		22.939	
Butylbenzylphthalate	0.562	0.587		4.448	
3,3-Dichlorobenzidine	0.347	0.367		5.764	
Benzo(a)anthracene	1.304	1.348		3.374	
Chrysene	1.233	1.254		1.703	
Bis(2-ethylhexyl)phthalate	0.880	0.950		7.955	
Di-n-octyl phthalate	1.244	1.261		1.367	20.0
Benzo(b)fluoranthene	1.294	1.344		3.864	
Benzo(k)fluoranthene	1.282	1.343		4.758	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091724 SAS No.: BM091724 SDG No.: BM091724

Instrument ID: BNA_M Calibration Date/Time: 9/17/2024 1:08:44

Lab File ID: BM047538.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	1.061	1.102		3.864	20.0
Indeno(1,2,3-cd)pyrene	1.197	1.254		4.762	
Dibenzo(a,h)anthracene	1.007	1.049		4.171	
Benzo(g,h,i)perylene	0.984	1.031		4.776	
1,2,4,5-Tetrachlorobenzene	0.541	0.531		-1.848	
1,4-Dioxane	0.538	0.588		9.294	20.0
2,3,4,6-Tetrachlorophenol	0.299	0.293		-2.007	
1-Methylnaphthalene	0.714	0.718		0.56	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM091724 SAS No.: BM091724 SDG No.: BM091724
Instrument ID: BNA_M Calibration Date/Time: 9/17/2024 1:19:45
Lab File ID: BM047551.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.727	0.809		11.279	50.0
Pyridine	1.601	1.756		9.681	50.0
2-Fluorophenol	1.256	1.329		5.812	50.0
Benzaldehyde	0.841	0.989		17.598	50.0
Aniline	1.568	1.569		0.064	50.0
Phenol-d6	1.769	1.862		5.257	50.0
Phenol	1.771	1.822		2.88	50.0
bis(2-Chloroethyl) ether	1.422	1.471		3.446	50.0
2-Chlorophenol	1.385	1.416		2.238	50.0
1,2-Dichlorobenzene	1.519	1.515		-0.263	50.0
1,3-Dichlorobenzene	1.516	1.501		-0.989	50.0
1,4-Dichlorobenzene	1.544	1.533		-0.712	50.0
Benzyl Alcohol	1.198	1.224		2.17	50.0
2-Methylphenol	1.132	1.157		2.208	50.0
2,2-oxybis(1-Chloropropane)	2.000	2.033		1.65	50.0
Acetophenone	0.526	0.538		2.281	50.0
3+4-Methylphenols	1.579	1.608		1.837	50.0
n-Nitroso-di-n-propylamine	1.193	1.281	0.050	7.376	50.0
Nitrobenzene-d5	0.400	0.426		6.5	50.0
Hexachloroethane	0.617	0.650		5.348	50.0
Nitrobenzene	0.411	0.429		4.38	50.0
Isophorone	0.703	0.726		3.272	50.0
2-Nitrophenol	0.140	0.145		3.571	50.0
2,4-Dimethylphenol	0.212	0.210		-0.943	50.0
bis(2-Chloroethoxy) methane	0.441	0.457		3.628	50.0
2,4-Dichlorophenol	0.269	0.270		0.372	50.0
1,2,4-Trichlorobenzene	0.309	0.299		-3.236	50.0
Benzoic acid	0.187	0.198		5.882	50.0
Naphthalene	1.080	1.089		0.833	50.0
4-Chloroaniline	0.391	0.387		-1.023	50.0
Hexachlorobutadiene	0.171	0.163		-4.678	50.0
Caprolactam	0.089	0.093		4.494	50.0
4-Chloro-3-methylphenol	0.309	0.318		2.913	50.0
2-Methylnaphthalene	0.719	0.720		0.139	50.0
Hexachlorocyclopentadiene	0.177	0.179	0.050	1.13	50.0
2,4,6-Trichlorophenol	0.339	0.346		2.065	50.0
2-Fluorobiphenyl	1.452	1.551		6.818	50.0
2,4,5-Trichlorophenol	0.383	0.388		1.305	50.0
1,1-Biphenyl	1.556	1.605		3.149	50.0

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EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.208	1.237		2.401	50.0
2-Nitroaniline	0.355	0.395		11.268	50.0
Dimethylphthalate	1.363	1.395		2.348	50.0
Acenaphthylene	1.744	1.809		3.727	50.0
2,6-Dinitrotoluene	0.288	0.303		5.208	50.0
3-Nitroaniline	0.320	0.346		8.125	50.0
Acenaphthene	1.222	1.260		3.11	50.0
2,4-Dinitrophenol	0.125	0.120	0.050	-4.0	50.0
4-Nitrophenol	0.263	0.284	0.050	7.985	50.0
Dibenzofuran	1.717	1.737		1.165	50.0
2,4-Dinitrotoluene	0.384	0.411		7.031	50.0
Diethylphthalate	1.451	1.549		6.754	50.0
4-Chlorophenyl-phenylether	0.707	0.753		6.506	50.0
Fluorene	1.546	1.684		8.926	50.0
4-Nitroaniline	0.376	0.430		14.362	50.0
4,6-Dinitro-2-methylphenol	0.091	0.090		-1.099	50.0
n-Nitrosodiphenylamine	0.612	0.628		2.614	50.0
Azobenzene	1.597	1.800		12.711	50.0
2,4,6-Tribromophenol	0.193	0.198		2.591	50.0
4-Bromophenyl-phenylether	0.194	0.191		-1.546	50.0
Hexachlorobenzene	0.220	0.217		-1.364	50.0
Atrazine	0.169	0.154		-8.876	50.0
Pentachlorophenol	0.128	0.135		5.469	50.0
Phenanthrene	1.102	1.144		3.811	50.0
Anthracene	1.059	1.104		4.249	50.0
Carbazole	1.049	1.091		4.004	50.0
Di-n-butylphthalate	1.256	1.428		13.694	50.0
Fluoranthene	1.203	1.289		7.149	50.0
Benzidine	0.282	0.408		44.681	50.0
Pyrene	1.459	1.516		3.907	50.0
Terphenyl-d14	1.116	1.334		19.534	50.0
Butylbenzylphthalate	0.562	0.637		13.345	50.0
3,3-Dichlorobenzidine	0.347	0.429		23.631	50.0
Benzo(a)anthracene	1.304	1.372		5.215	50.0
Chrysene	1.233	1.289		4.542	50.0
Bis(2-ethylhexyl)phthalate	0.880	1.081		22.841	50.0
Di-n-octyl phthalate	1.244	1.520		22.186	50.0
Benzo(b)fluoranthene	1.294	1.382		6.801	50.0
Benzo(k)fluoranthene	1.282	1.383		7.878	50.0

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.061	1.110		4.618	50.0
Indeno(1,2,3-cd)pyrene	1.197	1.210		1.086	50.0
Dibenzo(a,h)anthracene	1.007	1.018		1.092	50.0
Benzo(g,h,i)perylene	0.984	0.965		-1.931	50.0
1,2,4,5-Tetrachlorobenzene	0.541	0.539		-0.37	50.0
1,4-Dioxane	0.538	0.625		16.171	50.0
2,3,4,6-Tetrachlorophenol	0.299	0.297		-0.669	50.0
1-Methylnaphthalene	0.714	0.720		0.84	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163109BL	SDG No.:	BM091724
Lab Sample ID:	PB163109BL	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
BM047539.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

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

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163109BL	SDG No.:	BM091724
Lab Sample ID:	PB163109BL	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
BM047539.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

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

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163109BL	SDG No.:	BM091724
Lab Sample ID:	PB163109BL	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
BM047539.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

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	149.429		18-112		100	SPK: -150
13127-88-3	Phenol-d6	134.159		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	90.287		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	93.079		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163109BL	SDG No.:	BM091724
Lab Sample ID:	PB163109BL	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
BM047539.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.157		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	135.694	*	10-105		136	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	441001	7.851				
1146-65-2	Naphthalene-d8	1746104	10.645				
15067-26-2	Acenaphthene-d10	950653	14.474				
1517-22-2	Phenanthrene-d10	1785434	17.209				
1719-03-5	Chrysene-d12	1140059	21.439				
1520-96-3	Perylene-d12	990611	24.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.963	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047540.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	160	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	300	J	180	270	330	ug/Kg
62-53-3	Aniline	200		96.9	130	170	ug/Kg
108-95-2	Phenol	180		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	170		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	170		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	170		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	170		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	170	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	160	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190		90.9	130	170	ug/Kg
98-86-2	Acetophenone	170		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	150	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	170		83	130	170	ug/Kg
98-95-3	Nitrobenzene	180		90.8	130	170	ug/Kg
78-59-1	Isophorone	170		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	130	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	180		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	280	J	240	270	330	ug/Kg
91-20-3	Naphthalene	160	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	170		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047540.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	150	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	160	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	160	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	170		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	150	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	150	J	81.1	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	130	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	160	J	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	160	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	150	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	130	J	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	180		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	140	J	85	130	170	ug/Kg
1912-24-9	Atrazine	150	J	91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	160	J	84	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047540.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	140	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	150	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	140	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	150	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	160	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	140	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.871	*	18-112			SPK: -0
13127-88-3	Phenol-d6	103.397	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	79.727	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	81.271	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	109.014	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	89.348	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047540.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	453728	7.846				
1146-65-2	Naphthalene-d8	2012471	10.645				
15067-26-2	Acenaphthene-d10	1165518	14.48				
1517-22-2	Phenanthrene-d10	2294694	17.21				
1719-03-5	Chrysene-d12	1954749	21.439				
1520-96-3	Perylene-d12	1869039	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047541.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.7	J	1	8	10	ug/L
110-86-1	Pyridine	4.9	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	8.9	J	4	8	10	ug/L
62-53-3	Aniline	6.1		1.6	4	5	ug/L
108-95-2	Phenol	5.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	5.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	5.2	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4.7	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.7		1.4	4	5	ug/L
98-86-2	Acetophenone	5.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.7	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	5.2		1	4	5	ug/L
98-95-3	Nitrobenzene	5.4		1.3	4	5	ug/L
78-59-1	Isophorone	5.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	4.1	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	5.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	4.5	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.7	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	8.5	J	5.5	8	10	ug/L
91-20-3	Naphthalene	4.9	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	5.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	4.5	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047541.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	4.5	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.6	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.6	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.2	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.2	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4.7	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	4.4	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.8	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	5.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.2	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	4.5	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4.5	J	0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	4.1	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.9	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.8	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.3	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.4	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	3.9	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.4	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	4.5	J	0.89	4	5	ug/L
103-33-3	Azobenzene	5.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.3	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	4.3	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.6	J	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	3.4	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.7	J	0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047541.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	4.3	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.4	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	4.6	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.2	J	1.3	4	5	ug/L
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4.4	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.2	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.6	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.9	J	0.94	4	5	ug/L
218-01-9	Chrysene	4.8	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.5	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.5	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.6	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4.8	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.9	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.8	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.4	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	4.4	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	104.014	*	10-139			SPK: -0
13127-88-3	Phenol-d6	103.105	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	79.93	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	80.877	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	108.848	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	90.965	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047541.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	481395	7.846				
1146-65-2	Naphthalene-d8	2125731	10.645				
15067-26-2	Acenaphthene-d10	1225848	14.48				
1517-22-2	Phenanthrene-d10	2391113	17.215				
1719-03-5	Chrysene-d12	1986277	21.439				
1520-96-3	Perylene-d12	1869878	24.468				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30	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
BM047542.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		86.8	270	330	ug/Kg
110-86-1	Pyridine	320		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	550		180	270	330	ug/Kg
62-53-3	Aniline	380		96.9	130	170	ug/Kg
108-95-2	Phenol	330		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	340		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	320		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	310		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	310		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	320		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	330		83	270	330	ug/Kg
95-48-7	2-Methylphenol	300		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360		90.9	130	170	ug/Kg
98-86-2	Acetophenone	320		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	300	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	320		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	320		83	130	170	ug/Kg
98-95-3	Nitrobenzene	320		90.8	130	170	ug/Kg
78-59-1	Isophorone	320		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	270		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	240		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	320		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	280		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	500		240	270	330	ug/Kg
91-20-3	Naphthalene	300		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	320		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	270		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047542.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	290		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	290		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	270		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	310		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	290		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	290		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	300		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	320		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	270		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	290		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	280		81.1	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	350		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	290	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	300		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	260		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	290		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260		85.6	130	170	ug/Kg
86-73-7	Fluorene	280		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	260		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290		81.6	130	170	ug/Kg
103-33-3	Azobenzene	330		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	270		85	130	170	ug/Kg
1912-24-9	Atrazine	300		91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	470		77.3	270	330	ug/Kg
85-01-8	Phenanthrene	290		84	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047542.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	280		84.4	130	170	ug/Kg
86-74-8	Carbazole	280		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	280		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	260		81.7	130	170	ug/Kg
92-87-5	Benzidine	440		160	270	330	ug/Kg
129-00-0	Pyrene	280		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	270		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	310		80.7	130	170	ug/Kg
218-01-9	Chrysene	300		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	300	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	310		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	380		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	270		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	270		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.905	*	18-112			SPK: -0
13127-88-3	Phenol-d6	119.982	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	85.214	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	85.144	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	122.878	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	95.454	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047542.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	380364	7.845				
1146-65-2	Naphthalene-d8	1684559	10.645				
15067-26-2	Acenaphthene-d10	956040	14.474				
1517-22-2	Phenanthrene-d10	1808861	17.209				
1719-03-5	Chrysene-d12	1496686	21.433				
1520-96-3	Perylene-d12	1402476	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047543.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	240		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	420		180	270	330	ug/Kg
62-53-3	Aniline	300		96.9	130	170	ug/Kg
108-95-2	Phenol	250		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	250		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	240		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	240		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	240		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	250	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	230		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270		90.9	130	170	ug/Kg
98-86-2	Acetophenone	250		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	220	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	250		83	130	170	ug/Kg
98-95-3	Nitrobenzene	250		90.8	130	170	ug/Kg
78-59-1	Isophorone	240		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	200		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	180		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	250		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	210		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	220		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	430		240	270	330	ug/Kg
91-20-3	Naphthalene	230		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	240		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	210		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047543.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	220	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	220		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	380		160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	200		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	230		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	220		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	210		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	230		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	240		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	210		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	210		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	210		81.1	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	280	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	200	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	220		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	190		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	220		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200		85.6	130	170	ug/Kg
86-73-7	Fluorene	210		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	180		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	210		81.6	130	170	ug/Kg
103-33-3	Azobenzene	250		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	200		85	130	170	ug/Kg
1912-24-9	Atrazine	220		91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	340		77.3	270	330	ug/Kg
85-01-8	Phenanthrene	220		84	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047543.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	210		84.4	130	170	ug/Kg
86-74-8	Carbazole	210		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	210		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	200		81.7	130	170	ug/Kg
92-87-5	Benzidine	290	J	160	270	330	ug/Kg
129-00-0	Pyrene	210		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	200		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	230	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	230		80.7	130	170	ug/Kg
218-01-9	Chrysene	230		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	210	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	220		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	200		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	210		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.218	*	18-112			SPK: -0
13127-88-3	Phenol-d6	90.648	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	64.79	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	62.353	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	87.49	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	69.492	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047543.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371373	7.845				
1146-65-2	Naphthalene-d8	1647092	10.645				
15067-26-2	Acenaphthene-d10	944888	14.48				
1517-22-2	Phenanthrene-d10	1800922	17.209				
1719-03-5	Chrysene-d12	1502304	21.439				
1520-96-3	Perylene-d12	1442147	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047544.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.1	J	1	8	10	ug/L
110-86-1	Pyridine	7.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.6		4	8	10	ug/L
62-53-3	Aniline	8.7		1.6	4	5	ug/L
108-95-2	Phenol	7.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	7.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	7.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	7.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	7.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	7.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.2	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	6.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	8.1		1.4	4	5	ug/L
98-86-2	Acetophenone	7.2		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	6.5	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	7.4		1	4	5	ug/L
98-95-3	Nitrobenzene	7.3		1.3	4	5	ug/L
78-59-1	Isophorone	7.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	5.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	5.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	7.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	6.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	6.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	7.9	J	5.5	8	10	ug/L
91-20-3	Naphthalene	6.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	7.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	6.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047544.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.5	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	6.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	6.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	11.1		5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	6.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	6.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	6.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	6.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	7.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	6.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	6.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	6.4		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	8.2	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	6	J	2	8	10	ug/L
132-64-9	Dibenzofuran	6.7		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	5.8		1.5	4	5	ug/L
84-66-2	Diethylphthalate	6.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.8		0.98	4	5	ug/L
86-73-7	Fluorene	6.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	5.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	6.4		0.89	4	5	ug/L
103-33-3	Azobenzene	7.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	5.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	6		1.1	4	5	ug/L
1912-24-9	Atrazine	6.5		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	10.2		1.9	8	10	ug/L
85-01-8	Phenanthrene	6.5		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047544.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	6.2		1.1	4	5	ug/L
86-74-8	Carbazole	6.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	6.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	5.8		1.3	4	5	ug/L
92-87-5	Benzidine	8.8	J	4.1	8	10	ug/L
129-00-0	Pyrene	6.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	5.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	6.7	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	6.9		0.94	4	5	ug/L
218-01-9	Chrysene	6.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	6.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	6.4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	6.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	6.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	6.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	7.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	6.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	6.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	6.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	6.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	92.545	*	10-139			SPK: -0
13127-88-3	Phenol-d6	89.681	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	64.43	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	62.362	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	87.648	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	69.832	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047544.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	398059	7.846				
1146-65-2	Naphthalene-d8	1755772	10.645				
15067-26-2	Acenaphthene-d10	1002924	14.48				
1517-22-2	Phenanthrene-d10	1913701	17.21				
1719-03-5	Chrysene-d12	1575110	21.439				
1520-96-3	Perylene-d12	1514750	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047545.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.8	J	1	8	10	ug/L
110-86-1	Pyridine	7.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.6		4	8	10	ug/L
62-53-3	Aniline	9.5		1.6	4	5	ug/L
108-95-2	Phenol	8.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	7.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	7.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	7.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	8.7	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	7.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.1		1.4	4	5	ug/L
98-86-2	Acetophenone	8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	7.4	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.2		1	4	5	ug/L
98-95-3	Nitrobenzene	8.2		1.3	4	5	ug/L
78-59-1	Isophorone	8.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.4	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	14.3		5.5	8	10	ug/L
91-20-3	Naphthalene	7.5		1	4	5	ug/L
106-47-8	4-Chloroaniline	8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	6.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047545.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.1	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	7.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	7.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	7.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	7.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	7.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	7.3		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	10.7		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	13		2	8	10	ug/L
132-64-9	Dibenzofuran	7.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	7.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.8		0.98	4	5	ug/L
86-73-7	Fluorene	7.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	6.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	7.1		0.89	4	5	ug/L
103-33-3	Azobenzene	8.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	6.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	6.7		1.1	4	5	ug/L
1912-24-9	Atrazine	7.6		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	11.1		1.9	8	10	ug/L
85-01-8	Phenanthrene	7.3		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047545.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	6.6		1.1	4	5	ug/L
86-74-8	Carbazole	7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	6.6		1.3	4	5	ug/L
92-87-5	Benzidine	5.3	J	4.1	8	10	ug/L
129-00-0	Pyrene	7.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	7.6	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	7.6		0.94	4	5	ug/L
218-01-9	Chrysene	7.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	7.3	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	7.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	7.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	7.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	7.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	7.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	109.658	*	10-139			SPK: -0
13127-88-3	Phenol-d6	112.361	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	73.367	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	74.813	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	122.138	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	74.477	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047545.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	700940	7.845				
1146-65-2	Naphthalene-d8	3214908	10.645				
15067-26-2	Acenaphthene-d10	1869328	14.474				
1517-22-2	Phenanthrene-d10	3551236	17.209				
1719-03-5	Chrysene-d12	2763097	21.439				
1520-96-3	Perylene-d12	2207975	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047546.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	120	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	230	J	180	270	330	ug/Kg
62-53-3	Aniline	150	J	96.9	130	170	ug/Kg
108-95-2	Phenol	130	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	130	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	110	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	130	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	120	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	140	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	130	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	97.3	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	150	J	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	100	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	270	J	240	270	330	ug/Kg
91-20-3	Naphthalene	120	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047546.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.7	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.5	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.9	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	120	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	110	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	97.2	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	120	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	120	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.1	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	98.4	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	110	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	1767.8	J	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	120	J	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	J	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.3	J	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	110	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.7	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	100	J	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	290	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	120	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	110	J	85	130	170	ug/Kg
1912-24-9	Atrazine	110	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047546.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	110	J	84	130	170	ug/Kg
120-12-7	Anthracene	100	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	110	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	99.6	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	97.8	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	110	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	120	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.7	J	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	110	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	150	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.1	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	110	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.236		18-112		85	SPK: -150
13127-88-3	Phenol-d6	123.947		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	89.479		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	87.929		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047546.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.334		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	94.969		10-105		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	410655	7.845				
1146-65-2	Naphthalene-d8	1756932	10.645				
15067-26-2	Acenaphthene-d10	1013774	14.474				
1517-22-2	Phenanthrene-d10	1928830	17.21				
1719-03-5	Chrysene-d12	1514587	21.433				
1520-96-3	Perylene-d12	1411706	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047547.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	310	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	290		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	490		180	270	330	ug/Kg
62-53-3	Aniline	350		96.9	130	170	ug/Kg
108-95-2	Phenol	300		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	300		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	300		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	280		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	280		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	280		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	290	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	270		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320		90.9	130	170	ug/Kg
98-86-2	Acetophenone	290		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	260	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	290		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	290		83	130	170	ug/Kg
98-95-3	Nitrobenzene	300		90.8	130	170	ug/Kg
78-59-1	Isophorone	300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	250		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	200		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	260		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	360		240	270	330	ug/Kg
91-20-3	Naphthalene	270		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	300		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	250		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047547.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	260		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	280		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	270		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	260		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	280		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	290		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	260		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	270		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	260		81.1	130	170	ug/Kg
Total PAH	Total PAH	4280		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	280	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	240	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	270		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	240		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	500		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	280		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240		85.6	130	170	ug/Kg
86-73-7	Fluorene	250		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	230		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260		81.6	130	170	ug/Kg
103-33-3	Azobenzene	300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	250		85	130	170	ug/Kg
1912-24-9	Atrazine	270		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047547.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	210	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	270		84	130	170	ug/Kg
120-12-7	Anthracene	250		84.4	130	170	ug/Kg
86-74-8	Carbazole	260		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	260		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	240		81.7	130	170	ug/Kg
92-87-5	Benzidine	360		160	270	330	ug/Kg
129-00-0	Pyrene	250		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	250		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	280		80.7	130	170	ug/Kg
218-01-9	Chrysene	270		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	270	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	280		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	350		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	240		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	145.32		18-112		97	SPK: -150
13127-88-3	Phenol-d6	143.417		15-107		96	SPK: -150
4165-60-0	Nitrobenzene-d5	104.716		18-107		105	SPK: -100
321-60-8	2-Fluorobiphenyl	104.447		20-109		104	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-01	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
BM047547.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.704		10-116		105	SPK: -150
1718-51-0	Terphenyl-d14	110.288	*	10-105		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	366501	7.845				
1146-65-2	Naphthalene-d8	1589437	10.645				
15067-26-2	Acenaphthene-d10	901805	14.474				
1517-22-2	Phenanthrene-d10	1707279	17.209				
1719-03-5	Chrysene-d12	1426234	21.433				
1520-96-3	Perylene-d12	1323754	24.462				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047548.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.3	J	1	8	10	ug/L
110-86-1	Pyridine	3.7	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	7	J	4	8	10	ug/L
62-53-3	Aniline	4.4	J	1.6	4	5	ug/L
108-95-2	Phenol	3.8	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	3.9	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.7	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.7	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.8	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	3.7	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.5	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.3	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.8	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	3.2	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.8	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.1	J	1.3	4	5	ug/L
78-59-1	Isophorone	3.8	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2.9	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.6	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.8	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.1	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.4	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	7.9	J	5.5	8	10	ug/L
91-20-3	Naphthalene	3.5	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.7	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.2	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047548.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.2	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.3	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2.8	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2.8	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	3.7	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.4	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	2.8	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.6	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	3.6	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.8	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	2.9	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.2	J	0.81	4	5	ug/L
Total PAH	Total PAH	52.6	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2.3	J	2	8	10	ug/L
132-64-9	Dibenzofuran	3.5	J	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.3	J	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	3.4	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.1	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.1	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.6	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	3.2	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.7	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.1	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.2	J	1.1	4	5	ug/L
1912-24-9	Atrazine	3.2	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047548.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.4	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	3.4	J	0.89	4	5	ug/L
120-12-7	Anthracene	3.1	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.1	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	2.9	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	3.3	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.5	J	0.94	4	5	ug/L
218-01-9	Chrysene	3.5	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.7	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.3	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.2	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.3	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.2	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.2	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.6	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2.8	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.2	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.733		10-139		85	SPK: -150
13127-88-3	Phenol-d6	124.937		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	89.209		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	88.193		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047548.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.904		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	98.535		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	388670	7.845				
1146-65-2	Naphthalene-d8	1681620	10.639				
15067-26-2	Acenaphthene-d10	972004	14.474				
1517-22-2	Phenanthrene-d10	1844916	17.21				
1719-03-5	Chrysene-d12	1409400	21.433				
1520-96-3	Perylene-d12	1272756	24.456				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047549.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9.7	J	1	8	10	ug/L
110-86-1	Pyridine	8.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	15.2		4	8	10	ug/L
62-53-3	Aniline	10.3		1.6	4	5	ug/L
108-95-2	Phenol	9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	9.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	8.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	8.8	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.9		1.4	4	5	ug/L
98-86-2	Acetophenone	8.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	7.9	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.7		1	4	5	ug/L
98-95-3	Nitrobenzene	9.2		1.3	4	5	ug/L
78-59-1	Isophorone	9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	6.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	10.7		5.5	8	10	ug/L
91-20-3	Naphthalene	8.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	7.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047549.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	7.7	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	7.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5.9	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	7.7		0.81	4	5	ug/L
Total PAH	Total PAH	128.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	8.5	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	7.2	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	7.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	8.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	7.3		0.98	4	5	ug/L
86-73-7	Fluorene	7.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	6.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	7.9		0.89	4	5	ug/L
103-33-3	Azobenzene	9.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	7.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	7.5		1.1	4	5	ug/L
1912-24-9	Atrazine	8.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047549.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.2	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.1		0.89	4	5	ug/L
120-12-7	Anthracene	7.6		1.1	4	5	ug/L
86-74-8	Carbazole	7.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	7.1		1.3	4	5	ug/L
92-87-5	Benzidine	11.1		4.1	8	10	ug/L
129-00-0	Pyrene	7.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	8.2	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.4		0.94	4	5	ug/L
218-01-9	Chrysene	8.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	7.8	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	7.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	10.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	7.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	146.8		10-139		98	SPK: -150
13127-88-3	Phenol-d6	144.208		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	105.382		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	106.679		52-132		107	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024	SDG No.:	BM091724
Lab Sample ID:	P2403-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047549.D	1	5/20/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB161001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.392		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	118.695		48-125		119	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	359780	7.845				
1146-65-2	Naphthalene-d8	1561998	10.645				
15067-26-2	Acenaphthene-d10	892295	14.474				
1517-22-2	Phenanthrene-d10	1681694	17.209				
1719-03-5	Chrysene-d12	1324350	21.433				
1520-96-3	Perylene-d12	1174032	24.456				

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163110BL	SDG No.:	BM091724
Lab Sample ID:	PB163110BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047550.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

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

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163110BL	SDG No.:	BM091724
Lab Sample ID:	PB163110BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047550.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

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

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163110BL	SDG No.:	BM091724
Lab Sample ID:	PB163110BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047550.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	168.683		10-139		112	SPK: -150
13127-88-3	Phenol-d6	150.3		10-134		100	SPK: -150
4165-60-0	Nitrobenzene-d5	102.57		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	104.399		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PB163110BL	SDG No.:	BM091724
Lab Sample ID:	PB163110BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047550.D	1	9/3/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.329		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	149.187	*	48-125		149	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	345871	7.845				
1146-65-2	Naphthalene-d8	1357777	10.639				
15067-26-2	Acenaphthene-d10	714943	14.474				
1517-22-2	Phenanthrene-d10	1341398	17.209				
1719-03-5	Chrysene-d12	858057	21.433				
1520-96-3	Perylene-d12	742091	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.8	A			4.963	

Hit Summary Sheet SW-846

SDG No.: BM091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOD-MDL-SOIL-01-QT2-2024								
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	120.000	J	87.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	110.000	J	86.8	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	110.000	J	85.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	120.000	J	84.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	130.000	J	86	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	120.000	J	86.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	150.000	J	110	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	110.000	J	83.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	90.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	99.100	J	74.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	96.900	J	74	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	96.500	J	71.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	100.000	J	75.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	150.000	J	93.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	86.200	J	86.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	97.100	J	83.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	110.000	J	83.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	130.000	J	83.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	110.000	J	82.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	110.000	J	80.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	97.200	J	95	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	97.300	J	94.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	110.000	J	79.8	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	110.000	J	98.6	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	98.400	J	89.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4,6-Dinitro-2-methylphenol	290.000	J	120	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	100.000	J	78.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	110.000	J	77.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	120.000	J	82.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	99.700	J	85.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	110.000	J	81.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	120.000	J	86.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	130.000	J	86.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	150.000	J	96.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	100.000	J	84.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	110.000	J	91.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	120.000	J	79.6	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	230.000	J	180	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	120.000	J	80.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	110.000	J	93	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	110.000	J	81.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	110.000	J	80.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	110.000	J	82.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzoic acid	270.000	J	240	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	130.000	J	83	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	130.000	J	85.8	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	130.000	J	83.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	99.700	J	91	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	97.700	J	86.8	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	110.000	J	80.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	120.000	J	79.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	99.600	J	84.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	110.000	J	81.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	120.000	J	84.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	110.000	J	80.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	120.000	J	81.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	97.800	J	81.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	100.000	J	85.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	110.000	J	85	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	110.000	J	83.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	120.000	J	83	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	78.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	130.000	J	84.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	120.000		40.3	80	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	140.000	J	86.8	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	110.000	J	81.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	120.000	J	82.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	140.000	J	90.8	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	77.300	J	77.3	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	110.000	J	84	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	130.000	J	82.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	110.000	J	83	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	120.000	J	79.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	183.000	J	169.4	340	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	1,767.000	J	1325.1	2720	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	280.000		87.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	260.000		86.8	170	ug/Kg

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SDG No.: BM091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	260.000		85.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	280.000		84.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	280.000		86	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	280.000		86.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	350.000		110	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	240.000		83.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	320.000		90.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	250.000		74.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	240.000		74	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	250.000		71.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	260.000		75.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	200.000		93.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrophenol	280.000	J	240	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	240.000		86.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	260.000		83.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	270.000		83.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	300.000		83.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	260.000		82.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	270.000		80.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	260.000		95	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	250.000		94.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	260.000	J	79.8	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	280.000	J	98.6	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	270.000		89.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4,6-Dinitro-2-methylphenol	380.000		120	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	250.000		78.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	260.000		77.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	300.000		82.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	240.000		85.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitroaniline	230.000		110	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitrophenol	240.000	J	120	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	260.000		81.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	290.000		86.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	290.000		86.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	350.000		96.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	250.000		84.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	270.000		91.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	300.000		79.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	490.000		180	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzidine	360.000		160	330	ug/Kg

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SDG No.: BM091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	280.000		80.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	280.000		93	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	260.000		81.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	270.000		80.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	270.000		82.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzoic acid	360.000		240	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	290.000	J	83	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	290.000		85.8	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	300.000		83.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	270.000		91	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Butylbenzylphthalate	250.000		96.8	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	270.000	J	86.8	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	260.000		80.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	270.000		79.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	260.000		84.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-octyl phthalate	270.000	J	110	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	280.000		81.2	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	270.000		84.4	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	280.000		80.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	280.000		81.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	240.000		81.7	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	250.000		85.5	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	250.000		85	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	250.000		83.3	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorocyclopentadiene	200.000	J	160	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	290.000		83	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	290.000		78.1	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	300.000		84.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	290.000		40.3	80	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	310.000	J	86.8	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	260.000		81.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	270.000		82.6	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	300.000		90.8	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	210.000	J	77.3	330	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	270.000		84	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	300.000		82.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	250.000		83	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	290.000		79.9	170	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	500.000		169.4	340	ug/Kg
P2403-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	4,280.000		1325.1	2720	ug/Kg

Hit Summary Sheet
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SDG No.: BM091724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	37,580.50				
			Total Concentration:	37,580.50				
Client ID :	LOD-MDL-WATER-01-QT2-2024							
P2403-07	LOD-MDL-WATER-01-C	Water	1,1-Biphenyl	3.700	J	0.91	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1,2,4,5-Tetrachlorobenzene	3.400	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1,2,4-Trichlorobenzene	3.400	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1,2-Dichlorobenzene	3.700	J	0.88	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1,3-Dichlorobenzene	3.700	J	0.8	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1,4-Dichlorobenzene	3.800	J	0.84	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1,4-Dioxane	4.600	J	1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	1-Methylnaphthalene	3.200	J	0.86	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.4	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,3,4,6-Tetrachlorophenol	2.800	J	0.79	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,4,5-Trichlorophenol	2.800	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,4,6-Trichlorophenol	2.800	J	0.89	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,4-Dichlorophenol	3.100	J	0.88	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,4-Dimethylphenol	2.600	J	1.5	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,4-Dinitrotoluene	2.500	J	1.5	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2,6-Dinitrotoluene	2.800	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2-Chloronaphthalene	3.400	J	0.97	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2-Chlorophenol	3.900	J	0.71	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2-Methylnaphthalene	3.300	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2-Methylphenol	3.500	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2-Nitroaniline	2.800	J	1.4	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	2-Nitrophenol	2.900	J	2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	3+4-Methylphenols	3.200	J	1.2	10	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	3,3-Dichlorobenzidine	3.000	J	1.3	10	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	3-Nitroaniline	2.900	J	1.4	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4,6-Dinitro-2-methylphenol	8.600	J	3.1	10	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4-Bromophenyl-phenylether	3.100	J	0.95	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4-Chloro-3-methylphenol	3.200	J	0.84	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4-Chloroaniline	3.700	J	1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4-Chlorophenyl-phenylether	3.100	J	0.98	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4-Nitroaniline	2.300	J	2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	4-Nitrophenol	2.300	J	2	10	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	Acenaphthene	3.200	J	0.81	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	Acenaphthylene	3.600	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	Acetophenone	3.800	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	Aniline	4.400	J	1.6	5	ug/L
P2403-07	LOD-MDL-WATER-01-C	Water	Anthracene	3.100	J	1.1	5	ug/L

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SDG No.: BM091724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-07	LOD-MDL-WATER-01-C Water	Atrazine	3.200	J	1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Azobenzene	3.700	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	7.000	J	4	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	3.500	J	0.94	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	3.300	J	1.7	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	3.300	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	3.200	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	3.200	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzoic acid	7.900	J	5.5	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	3.700	J	1.6	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	3.800	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	4.000	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	2.900	J	1.9	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	2.800	J	2.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Caprolactam	3.000	J	1.7	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Carbazole	3.100	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Chrysene	3.500	J	0.86	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	3.000	J	1.5	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	2.700	J	2.5	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	3.200	J	1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	3.500	J	0.93	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	3.400	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	3.600	J	0.93	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Fluoranthene	2.900	J	1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Fluorene	3.100	J	0.96	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	3.200	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	3.200	J	1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	3.800	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	3.300	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Isophorone	3.800	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	3.700		1.5	2.5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	4.300	J	1	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	3.200	J	0.89	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Naphthalene	3.500	J	1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	4.100	J	1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	2.400	J	1.9	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Phenanthrene	3.400	J	0.89	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Phenol	3.800	J	0.93	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Pyrene	3.300	J	1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Pyridine	3.700	J	1.6	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM091724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.300	J	2.7	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Total PAH	52.600	J	17.36	80	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,1-Biphenyl	8.500		0.91	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,2,4,5-Tetrachlorobenzene	8.000		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,2,4-Trichlorobenzene	7.900		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,2-Dichlorobenzene	8.400		0.88	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,3-Dichlorobenzene	8.500		0.8	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,4-Dichlorobenzene	8.500		0.84	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	10.600		1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	7.400		0.86	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	9.900		1.4	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	7.400		0.79	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	7.300		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	7.300		0.89	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	7.700		0.88	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	6.200		1.5	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrophenol	8.500	J	6.4	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	7.100		1.5	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	7.500		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	8.100		0.97	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	8.800		0.71	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	7.900		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	8.100		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	7.700		1.4	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	7.500		2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	7.900	J	1.2	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	8.200	J	1.3	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	7.900		1.4	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4,6-Dinitro-2-methylphenol	11.500		3.1	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	7.400		0.95	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	7.800		0.84	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	8.800		1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	7.300		0.98	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	6.900		2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	4-Nitrophenol	7.200	J	2	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Acenaphthene	7.700		0.81	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	8.800		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Acetophenone	8.800		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Aniline	10.300		1.6	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Anthracene	7.600		1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM091724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-07	LOD-MDL-WATER-01-C Water	Atrazine	8.300		1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Azobenzene	9.100		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	15.200		4	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzidine	11.100		4.1	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	8.400		0.94	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	8.300		1.7	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	7.900		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	7.800		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	8.300		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzoic acid	10.700		5.5	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	8.800	J	1.6	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	8.900		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	9.400		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	7.900		1.9	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	7.700		2.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Caprolactam	7.700	J	1.7	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Carbazole	7.800		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Chrysene	8.300		0.86	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	7.900		1.5	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	7.800	J	2.5	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	8.200		1.2	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	8.200		0.93	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	8.400		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	8.400		0.93	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Fluoranthene	7.100		1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Fluorene	7.500		0.96	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	7.500		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	7.500		1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachlorocyclopentadiene	5.900	J	5	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	8.700		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	8.500		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Isophorone	9.000		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	8.900		1.5	2.5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	9.700	J	1	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	7.900		0.89	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Naphthalene	8.200		1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	9.200		1.3	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	6.200	J	1.9	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Phenanthrene	8.100		0.89	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Phenol	9.000		0.93	5	ug/L

Hit Summary Sheet
SW-846

SDG No.: BM091724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-07	LOD-MDL-WATER-01-C Water	Pyrene	7.900		1.1	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Pyridine	8.600		1.6	5	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	14.600		2.7	10	ug/L
P2403-07	LOD-MDL-WATER-01-C Water	Total PAH	128.000		17.36	80	ug/L
Total Svoc :					1,135.00		
Total Concentration:					1,135.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM

Case No.: BM091424

SAS No.: BM091424

SDG No.: BM091424

Instrument ID: _____

Calibration Date(s): 9/14/2024 : _____

Calibration Time(s): 11:57 : _____

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.724	0.730	0.742	0.730	0.717	0.727	1.7
Pyridine		1.680	1.592	1.594	1.587	1.559	1.601	2.4
2-Fluorophenol		1.216	1.208	1.228	1.244	1.245	1.256	4.0
Benzaldehyde		0.923	0.986	0.993	0.837	0.771	0.841	15.8
Aniline		1.542	1.529	1.565	1.586	1.563	1.568	1.7
Phenol-d6		1.632	1.623	1.717	1.795	1.809	1.769	6.6
Phenol		1.676	1.679	1.747	1.781	1.786	1.771	4.4
bis(2-Chloroethyl)ether		1.451	1.413	1.426	1.418	1.397	1.422	1.2
2-Chlorophenol		1.338	1.321	1.380	1.395	1.375	1.385	3.4
1,2-Dichlorobenzene		1.545	1.492	1.503	1.507	1.489	1.519	1.8
1,3-Dichlorobenzene		1.586	1.512	1.497	1.503	1.467	1.516	2.5
1,4-Dichlorobenzene		1.593	1.535	1.529	1.527	1.507	1.544	1.9
Benzyl Alcohol		1.094	1.097	1.191	1.232	1.230	1.198	6.3
2-Methylphenol		1.041	1.073	1.128	1.161	1.154	1.132	4.9
2,2-oxybis(1-Chloropropane)		2.103	2.031	2.065	2.009	1.949	2.000	3.7
Acetophenone		0.521	0.509	0.519	0.527	0.524	0.526	2.3
3+4-Methylphenols		1.441	1.493	1.591	1.613	1.602	1.579	5.2
n-Nitroso-di-n-propylamine	1.067	1.144	1.154	1.230	1.244	1.233	1.193	5.4
Nitrobenzene-d5		0.387	0.384	0.400	0.406	0.400	0.400	2.8
Hexachloroethane		0.639	0.606	0.627	0.615	0.603	0.617	2.2
Nitrobenzene		0.409	0.406	0.417	0.413	0.407	0.411	1.5
Isophorone		0.671	0.679	0.705	0.711	0.710	0.703	2.8
2-Nitrophenol		0.105	0.116	0.134	0.147	0.152	0.140	16.2
2,4-Dimethylphenol		0.208	0.202	0.211	0.210	0.213	0.212	3.2
bis(2-Chloroethoxy)methane		0.448	0.436	0.441	0.441	0.436	0.441	1.1
2,4-Dichlorophenol		0.236	0.243	0.266	0.275	0.280	0.269	8.5
1,2,4-Trichlorobenzene		0.313	0.296	0.300	0.302	0.305	0.309	3.4
Benzoic acid			0.125	0.156	0.192	0.207	0.187	20.9
Naphthalene		1.083	1.042	1.056	1.077	1.079	1.080	2.5
4-Chloroaniline		0.382	0.373	0.389	0.393	0.393	0.391	2.6
Hexachlorobutadiene		0.173	0.166	0.167	0.169	0.169	0.171	2.7
Caprolactam		0.073	0.079	0.090	0.093	0.093	0.089	10.6
4-Chloro-3-methylphenol		0.269	0.284	0.305	0.318	0.319	0.309	8.0
2-Methylnaphthalene		0.683	0.672	0.693	0.726	0.727	0.719	5.3
Hexachlorocyclopentadiene		0.168	0.163	0.168	0.183	0.182	0.177	6.2
2,4,6-Trichlorophenol		0.279	0.301	0.325	0.350	0.358	0.339	11.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BM091424

SAS No.: BM091424

SDG No.: BM091424

Instrument ID:

Calibration Date(s): 9/14/2024

Calibration Time(s): 11:57

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.331	1.295	1.385	1.515	1.523	1.452	8.0
2,4,5-Trichlorophenol		0.324	0.345	0.367	0.395	0.403	0.383	10.2
1,1-Biphenyl		1.498	1.446	1.490	1.571	1.584	1.556	5.2
2-Chloronaphthalene		1.157	1.137	1.169	1.218	1.234	1.208	4.6
2-Nitroaniline		0.282	0.314	0.355	0.376	0.380	0.355	11.7
Dimethylphthalate		1.316	1.308	1.336	1.372	1.376	1.363	3.3
Acenaphthylene		1.607	1.598	1.682	1.788	1.792	1.744	6.6
2,6-Dinitrotoluene		0.241	0.267	0.285	0.297	0.300	0.288	9.1
3-Nitroaniline		0.263	0.284	0.316	0.336	0.339	0.320	10.7
Acenaphthene		1.108	1.111	1.162	1.247	1.267	1.222	7.8
2,4-Dinitrophenol			0.079	0.103	0.128	0.135	0.125	23.8
4-Nitrophenol		0.195	0.231	0.263	0.282	0.284	0.263	14.2
Dibenzofuran		1.659	1.609	1.655	1.734	1.743	1.717	4.6
2,4-Dinitrotoluene		0.302	0.338	0.378	0.408	0.409	0.384	12.6
Diethylphthalate		1.358	1.374	1.435	1.482	1.473	1.451	4.6
4-Chlorophenyl-phenylether		0.616	0.625	0.683	0.744	0.745	0.707	9.2
Fluorene		1.350	1.378	1.506	1.630	1.642	1.546	8.7
4-Nitroaniline		0.276	0.315	0.377	0.420	0.417	0.376	15.5
4,6-Dinitro-2-methylphenol			0.061	0.077	0.091	0.097	0.091	20.9
n-Nitrosodiphenylamine		0.558	0.546	0.590	0.632	0.633	0.612	7.9
Azobenzene		1.526	1.559	1.620	1.654	1.619	1.597	2.7
2,4,6-Tribromophenol		0.149	0.159	0.177	0.202	0.211	0.193	16.7
4-Bromophenyl-phenylether		0.176	0.170	0.183	0.197	0.201	0.194	9.6
Hexachlorobenzene		0.210	0.196	0.206	0.222	0.224	0.220	7.8
Atrazine		0.149	0.155	0.169	0.178	0.174	0.169	7.5
Pentachlorophenol		0.090	0.101	0.121	0.136	0.140	0.128	19.6
Phenanthrene		1.037	0.999	1.054	1.134	1.131	1.102	6.6
Anthracene		0.948	0.939	1.021	1.104	1.102	1.059	8.6
Carbazole		0.942	0.946	1.015	1.090	1.085	1.049	7.9
Di-n-butylphthalate		1.064	1.097	1.238	1.340	1.349	1.256	10.1
Fluoranthene		1.036	1.044	1.149	1.281	1.276	1.203	10.4
Benzidine		0.303	0.320	0.312	0.253	0.265	0.282	12.4
Pyrene		1.327	1.317	1.353	1.494	1.564	1.459	9.2
Terphenyl-d14		0.989	1.037	1.142	1.256	1.239	1.116	13.2
Butylbenzylphthalate		0.433	0.474	0.540	0.588	0.604	0.562	14.9
3,3-Dichlorobenzidine		0.297	0.326	0.358	0.362	0.356	0.347	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM091424 SAS No.: BM091424 SDG No.: BM091424
Instrument ID: _____ Calibration Date(s): 9/14/2024 : _____
Calibration Time(s): 11:57 _____

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.245	1.220	1.286	1.333	1.325	1.304	4.3
Chrysene		1.196	1.178	1.201	1.254	1.250	1.233	3.4
Bis(2-ethylhexyl)phthalate		0.663	0.761	0.854	0.928	0.947	0.880	14.7
Di-n-octyl phthalate		0.873	1.043	1.243	1.301	1.309	1.244	18.0
Benzo(b)fluoranthene		1.120	1.142	1.236	1.340	1.381	1.294	9.9
Benzo(k)fluoranthene		1.113	1.131	1.212	1.364	1.350	1.282	10.0
Benzo(a)pyrene		0.906	0.941	1.018	1.098	1.114	1.061	10.2
Indeno(1,2,3-cd)pyrene		1.079	1.075	1.152	1.184	1.238	1.197	9.8
Dibenzo(a,h)anthracene		0.894	0.894	0.964	0.994	1.047	1.007	10.6
Benzo(g,h,i)perylene		0.917	0.883	0.940	0.968	1.018	0.984	9.6
1,2,4,5-Tetrachlorobenzene		0.505	0.491	0.514	0.547	0.554	0.541	7.2
1,4-Dioxane		0.601	0.559	0.552	0.520	0.506	0.538	6.5
2,3,4,6-Tetrachlorophenol		0.259	0.271	0.284	0.306	0.313	0.299	9.4
1-Methylnaphthalene		0.679	0.670	0.694	0.716	0.728	0.714	4.9

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.: BM091724 SAS No.: BM091724 SDG NO.: BM091724

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BM047524.D Time Analyzed: 09:27

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	365126	7.851	1.61822e+01	10.65	947755	14.48
UPPER LIMIT	730252	8.351	3236440	11.145	1895510	14.98
LOWER LIMIT	182563	7.351	809110	10.145	473877.5	13.98
EPA SAMPLE NO.						
01 PB163109BL	441001	7.85	1.7461e+	10.65	950653	14.47
02 LOD-MDL-SOIL-01-QT2-2024	410655	7.85	1.75693e	10.65	1.01377e	14.47
03 LOD-MDL-SOIL-01-QT2-2024	366501	7.85	1.58944e	10.65	901805	14.47
04 LOD-MDL-WATER-01-QT2-2024	388670	7.85	1.68162e	10.64	972004	14.47
05 LOD-MDL-WATER-01-QT2-2024	359780	7.85	1.562e+0	10.65	892295	14.47
06 PB163110BL	345871	7.85	1.35778e	10.64	714943	14.47

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.: BM091724 SAS No.: BM091724 SDG NO.: BM091724

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BM047538.D Time Analyzed: 09:27

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	406356	7.846	1.78259e+00	10.65	1.02691e+00	14.48
UPPER LIMIT	812712	8.346	3565180	11.145	2053820	14.98
LOWER LIMIT	203178	7.346	891295	10.145	513455	13.98
EPA SAMPLE NO.						
01 PB163109BL	441001	7.85	1.7461e+	10.65	950653	14.47
02 LOD-MDL-SOIL-01-QT2-2024	410655	7.85	1.75693e	10.65	1.01377e	14.47
03 LOD-MDL-SOIL-01-QT2-2024	366501	7.85	1.58944e	10.65	901805	14.47
04 LOD-MDL-WATER-01-QT2-2024	388670	7.85	1.68162e	10.64	972004	14.47
05 LOD-MDL-WATER-01-QT2-2024	359780	7.85	1.562e+0	10.65	892295	14.47
06 PB163110BL	345871	7.85	1.35778e	10.64	714943	14.47

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.: BM091724 SAS No.: BM091724 SDG NO.: BM091724

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BM047524.D Time Analyzed: 09:27

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	1.79233e+0	17.215	1.6278e+0	21.444	1.30886e+0	24.468
UPPER LIMIT	3584660	17.715	3255600	21.944	2617720	24.968
LOWER LIMIT	896165	16.715	813900	20.944	654430	23.968
EPA SAMPLE NO.						
01 PB163109BL	1.78543	17.21	1.14006e+	21.44	990611	24.46
02 LOD-MDL-SOIL-01-QT2-2024	1.92883	17.21	1.51459e+	21.43	1.41171e+	24.46
03 LOD-MDL-SOIL-01-QT2-2024	1.70728	17.21	1.42623e+	21.43	1.32375e+	24.46
04 LOD-MDL-WATER-01-QT2-2024	1.84492	17.21	1.4094e+0	21.43	1.27276e+	24.46
05 LOD-MDL-WATER-01-QT2-2024	1.68169	17.21	1.32435e+	21.43	1.17403e+	24.46
06 PB163110BL	1.3414e	17.21	858057	21.43	742091	24.46

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.: BM091724 SAS No.: BM091724 SDG NO.: BM091724

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BM047538.D Time Analyzed: 09:27

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	1.92814e+01	17.21	1.59101e+	21.439	1.26734e+01	24.462
UPPER LIMIT	3856280	17.71	3182020	21.939	2534680	24.962
LOWER LIMIT	964070	16.71	795505	20.939	633670	23.962
EPA SAMPLE NO.						
01 PB163109BL	1.78543	17.21	1.14006e+	21.44	990611	24.46
02 LOD-MDL-SOIL-01-QT2-2024	1.92883	17.21	1.51459e+	21.43	1.41171e+	24.46
03 LOD-MDL-SOIL-01-QT2-2024	1.70728	17.21	1.42623e+	21.43	1.32375e+	24.46
04 LOD-MDL-WATER-01-QT2-2024	1.84492	17.21	1.4094e+0	21.43	1.27276e+	24.46
05 LOD-MDL-WATER-01-QT2-2024	1.68169	17.21	1.32435e+	21.43	1.17403e+	24.46
06 PB163110BL	1.3414e	17.21	858057	21.43	742091	24.46

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.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-02	n-Nitrosodimethylamine	330	190	ug/Kg	58		*		70	130	
	n-Nitrosodimethylamine	330	350	ug/Kg	106				70	130	
	n-Nitrosodimethylamine	330	280	ug/Kg	85				70	130	
	Pyridine	170	240	ug/Kg	141		*		70	130	
	Pyridine	170	320	ug/Kg	188		*		70	130	
	Pyridine	170	160	ug/Kg	94				70	130	
	Benzaldehyde	330	300	ug/Kg	91				70	130	
	Benzaldehyde	330	420	ug/Kg	127				70	130	
	Benzaldehyde	330	550	ug/Kg	167		*		70	130	
	Aniline	170	380	ug/Kg	224		*		70	130	
	Aniline	170	300	ug/Kg	176		*		70	130	
	Aniline	170	200	ug/Kg	118				70	130	
	Phenol	170	180	ug/Kg	106				70	130	
	Phenol	170	330	ug/Kg	194		*		70	130	
	Phenol	170	250	ug/Kg	147		*		70	130	
	bis(2-Chloroethyl)ether	170	260	ug/Kg	153		*		70	130	
	bis(2-Chloroethyl)ether	170	340	ug/Kg	200		*		70	130	
	bis(2-Chloroethyl)ether	170	180	ug/Kg	106				70	130	
	2-Chlorophenol	170	170	ug/Kg	100				70	130	
	2-Chlorophenol	170	320	ug/Kg	188		*		70	130	
	2-Chlorophenol	170	250	ug/Kg	147		*		70	130	
	1,2-Dichlorobenzene	170	240	ug/Kg	141		*		70	130	
	1,2-Dichlorobenzene	170	310	ug/Kg	182		*		70	130	
	1,2-Dichlorobenzene	170	170	ug/Kg	100				70	130	
	1,3-Dichlorobenzene	170	170	ug/Kg	100				70	130	
	1,3-Dichlorobenzene	170	310	ug/Kg	182		*		70	130	
	1,3-Dichlorobenzene	170	240	ug/Kg	141		*		70	130	
	1,4-Dichlorobenzene	170	240	ug/Kg	141		*		70	130	
	1,4-Dichlorobenzene	170	320	ug/Kg	188		*		70	130	
	1,4-Dichlorobenzene	170	170	ug/Kg	100				70	130	
	Benzyl Alcohol	330	170	ug/Kg	52		*		70	130	
	Benzyl Alcohol	330	330	ug/Kg	100				70	130	
	Benzyl Alcohol	330	250	ug/Kg	76				70	130	
	2-Methylphenol	170	300	ug/Kg	176		*		70	130	
	2-Methylphenol	170	230	ug/Kg	135		*		70	130	
	2-Methylphenol	170	160	ug/Kg	94				70	130	
	2,2-oxybis(1-Chloropropane)	170	190	ug/Kg	112				70	130	
	2,2-oxybis(1-Chloropropane)	170	270	ug/Kg	159		*		70	130	
	2,2-oxybis(1-Chloropropane)	170	360	ug/Kg	212		*		70	130	
	Acetophenone	170	320	ug/Kg	188		*		70	130	
	Acetophenone	170	250	ug/Kg	147		*		70	130	
	Acetophenone	170	170	ug/Kg	100				70	130	
	3+4-Methylphenols	330	150	ug/Kg	45		*		70	130	
	3+4-Methylphenols	330	220	ug/Kg	67		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-02	3+4-Methylphenols	330	300	ug/Kg	91				70	130	
	N-Nitroso-di-n-propylamine	80	320	ug/Kg	400		*		70	130	
	N-Nitroso-di-n-propylamine	80	170	ug/Kg	213		*		70	130	
	N-Nitroso-di-n-propylamine	80	240	ug/Kg	300		*		70	130	
	Hexachloroethane	170	250	ug/Kg	147		*		70	130	
	Hexachloroethane	170	170	ug/Kg	100				70	130	
	Hexachloroethane	170	320	ug/Kg	188		*		70	130	
	Nitrobenzene	170	320	ug/Kg	188		*		70	130	
	Nitrobenzene	170	180	ug/Kg	106				70	130	
	Nitrobenzene	170	250	ug/Kg	147		*		70	130	
	Isophorone	170	240	ug/Kg	141		*		70	130	
	Isophorone	170	170	ug/Kg	100				70	130	
	Isophorone	170	320	ug/Kg	188		*		70	130	
	2-Nitrophenol	170	200	ug/Kg	118				70	130	
	2-Nitrophenol	170	270	ug/Kg	159		*		70	130	
	2-Nitrophenol	170	130	ug/Kg	76				70	130	
	2,4-Dimethylphenol	170	180	ug/Kg	106				70	130	
	2,4-Dimethylphenol	170	240	ug/Kg	141		*		70	130	
	2,4-Dimethylphenol	170	180	ug/Kg	106				70	130	
	bis(2-Chloroethoxy)methane	170	320	ug/Kg	188		*		70	130	
	bis(2-Chloroethoxy)methane	170	170	ug/Kg	100				70	130	
	bis(2-Chloroethoxy)methane	170	250	ug/Kg	147		*		70	130	
	2,4-Dichlorophenol	170	140	ug/Kg	82				70	130	
	2,4-Dichlorophenol	170	280	ug/Kg	165		*		70	130	
	2,4-Dichlorophenol	170	210	ug/Kg	124				70	130	
	1,2,4-Trichlorobenzene	170	220	ug/Kg	129				70	130	
	1,2,4-Trichlorobenzene	170	290	ug/Kg	171		*		70	130	
	1,2,4-Trichlorobenzene	170	150	ug/Kg	88				70	130	
	Benzoic acid	330	280	ug/Kg	85				70	130	
	Benzoic acid	330	500	ug/Kg	152		*		70	130	
	Benzoic acid	330	430	ug/Kg	130				70	130	
	Naphthalene	170	230	ug/Kg	135		*		70	130	
	Naphthalene	170	300	ug/Kg	176		*		70	130	
	Naphthalene	170	160	ug/Kg	94				70	130	
	4-Chloroaniline	170	170	ug/Kg	100				70	130	
	4-Chloroaniline	170	240	ug/Kg	141		*		70	130	
	4-Chloroaniline	170	320	ug/Kg	188		*		70	130	
	Hexachlorobutadiene	170	270	ug/Kg	159		*		70	130	
	Hexachlorobutadiene	170	150	ug/Kg	88				70	130	
	Hexachlorobutadiene	170	210	ug/Kg	124				70	130	
	Caprolactam	330	220	ug/Kg	67		*		70	130	
	Caprolactam	330	150	ug/Kg	45		*		70	130	
	Caprolactam	330	290	ug/Kg	88				70	130	
	4-Chloro-3-methylphenol	170	210	ug/Kg	124				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-02	4-Chloro-3-methylphenol	170	290	ug/Kg	171		*		70	130	
	4-Chloro-3-methylphenol	170	150	ug/Kg	88				70	130	
	2-Methylnaphthalene	170	150	ug/Kg	88				70	130	
	2-Methylnaphthalene	170	290	ug/Kg	171		*		70	130	
	2-Methylnaphthalene	170	220	ug/Kg	129				70	130	
	Hexachlorocyclopentadiene	330	210	ug/Kg	64		*		70	130	
	Hexachlorocyclopentadiene	330	0	ug/Kg	0		*		70	130	
	Hexachlorocyclopentadiene	330	380	ug/Kg	115				70	130	
	2,4,6-Trichlorophenol	170	140	ug/Kg	82				70	130	
	2,4,6-Trichlorophenol	170	200	ug/Kg	118				70	130	
	2,4,6-Trichlorophenol	170	270	ug/Kg	159		*		70	130	
	2,4,5-Trichlorophenol	170	270	ug/Kg	159		*		70	130	
	2,4,5-Trichlorophenol	170	200	ug/Kg	118				70	130	
	2,4,5-Trichlorophenol	170	140	ug/Kg	82				70	130	
	1,1-Biphenyl	170	160	ug/Kg	94				70	130	
	1,1-Biphenyl	170	230	ug/Kg	135		*		70	130	
	1,1-Biphenyl	170	310	ug/Kg	182		*		70	130	
	2-Chloronaphthalene	170	290	ug/Kg	171		*		70	130	
	2-Chloronaphthalene	170	220	ug/Kg	129				70	130	
	2-Chloronaphthalene	170	160	ug/Kg	94				70	130	
	2-Nitroaniline	170	140	ug/Kg	82				70	130	
	2-Nitroaniline	170	210	ug/Kg	124				70	130	
	2-Nitroaniline	170	290	ug/Kg	171		*		70	130	
	Dimethylphthalate	170	300	ug/Kg	176		*		70	130	
	Dimethylphthalate	170	160	ug/Kg	94				70	130	
	Dimethylphthalate	170	230	ug/Kg	135		*		70	130	
	Acenaphthylene	170	170	ug/Kg	100				70	130	
	Acenaphthylene	170	240	ug/Kg	141		*		70	130	
	Acenaphthylene	170	320	ug/Kg	188		*		70	130	
	2,6-Dinitrotoluene	170	270	ug/Kg	159		*		70	130	
	2,6-Dinitrotoluene	170	210	ug/Kg	124				70	130	
	2,6-Dinitrotoluene	170	140	ug/Kg	82				70	130	
	3-Nitroaniline	170	150	ug/Kg	88				70	130	
	3-Nitroaniline	170	210	ug/Kg	124				70	130	
	3-Nitroaniline	170	290	ug/Kg	171		*		70	130	
	Acenaphthene	170	280	ug/Kg	165		*		70	130	
	Acenaphthene	170	210	ug/Kg	124				70	130	
	Acenaphthene	170	150	ug/Kg	88				70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	280	ug/Kg	85				70	130	
	2,4-Dinitrophenol	330	350	ug/Kg	106				70	130	
	4-Nitrophenol	330	290	ug/Kg	88				70	130	
	4-Nitrophenol	330	200	ug/Kg	61		*		70	130	
	4-Nitrophenol	330	130	ug/Kg	39		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-02	Dibenzofuran	170	160	ug/Kg	94				70	130	
	Dibenzofuran	170	300	ug/Kg	176		*		70	130	
	Dibenzofuran	170	220	ug/Kg	129				70	130	
	2,4-Dinitrotoluene	170	190	ug/Kg	112				70	130	
	2,4-Dinitrotoluene	170	260	ug/Kg	153		*		70	130	
	2,4-Dinitrotoluene	170	130	ug/Kg	76				70	130	
	Diethylphthalate	170	160	ug/Kg	94				70	130	
	Diethylphthalate	170	290	ug/Kg	171		*		70	130	
	Diethylphthalate	170	220	ug/Kg	129				70	130	
	4-Chlorophenyl-phenylether	170	200	ug/Kg	118				70	130	
	4-Chlorophenyl-phenylether	170	260	ug/Kg	153		*		70	130	
	4-Chlorophenyl-phenylether	170	140	ug/Kg	82				70	130	
	Fluorene	170	150	ug/Kg	88				70	130	
	Fluorene	170	280	ug/Kg	165		*		70	130	
	Fluorene	170	210	ug/Kg	124				70	130	
	4-Nitroaniline	170	180	ug/Kg	106				70	130	
	4-Nitroaniline	170	260	ug/Kg	153		*		70	130	
	4-Nitroaniline	170	130	ug/Kg	76				70	130	
	4,6-Dinitro-2-methylphenol	330	310	ug/Kg	94				70	130	
	4,6-Dinitro-2-methylphenol	330	470	ug/Kg	142		*		70	130	
	4,6-Dinitro-2-methylphenol	330	400	ug/Kg	121				70	130	
	N-Nitrosodiphenylamine	170	290	ug/Kg	171		*		70	130	
	N-Nitrosodiphenylamine	170	150	ug/Kg	88				70	130	
	N-Nitrosodiphenylamine	170	210	ug/Kg	124				70	130	
	Azobenzene	170	250	ug/Kg	147		*		70	130	
	Azobenzene	170	180	ug/Kg	106				70	130	
	Azobenzene	170	330	ug/Kg	194		*		70	130	
	4-Bromophenyl-phenylether	170	270	ug/Kg	159		*		70	130	
	4-Bromophenyl-phenylether	170	200	ug/Kg	118				70	130	
	4-Bromophenyl-phenylether	170	140	ug/Kg	82				70	130	
	Hexachlorobenzene	170	140	ug/Kg	82				70	130	
	Hexachlorobenzene	170	270	ug/Kg	159		*		70	130	
	Hexachlorobenzene	170	200	ug/Kg	118				70	130	
	Atrazine	170	220	ug/Kg	129				70	130	
	Atrazine	170	300	ug/Kg	176		*		70	130	
	Atrazine	170	150	ug/Kg	88				70	130	
	Pentachlorophenol	330	110	ug/Kg	33		*		70	130	
	Pentachlorophenol	330	470	ug/Kg	142		*		70	130	
	Pentachlorophenol	330	340	ug/Kg	103				70	130	
	Phenanthrene	170	220	ug/Kg	129				70	130	
	Phenanthrene	170	290	ug/Kg	171		*		70	130	
	Phenanthrene	170	160	ug/Kg	94				70	130	
	Anthracene	170	140	ug/Kg	82				70	130	
	Anthracene	170	210	ug/Kg	124				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-02	Anthracene	170	280	ug/Kg	165		*		70	130	
	Carbazole	170	280	ug/Kg	165		*		70	130	
	Carbazole	170	150	ug/Kg	88				70	130	
	Carbazole	170	210	ug/Kg	124				70	130	
	Di-n-butylphthalate	170	210	ug/Kg	124				70	130	
	Di-n-butylphthalate	170	150	ug/Kg	88				70	130	
	Di-n-butylphthalate	170	280	ug/Kg	165		*		70	130	
	Fluoranthene	170	260	ug/Kg	153		*		70	130	
	Fluoranthene	170	140	ug/Kg	82				70	130	
	Fluoranthene	170	200	ug/Kg	118				70	130	
	Benzidine	330	0	ug/Kg	0		*		70	130	
	Benzidine	330	290	ug/Kg	88				70	130	
	Benzidine	330	440	ug/Kg	133		*		70	130	
	Pyrene	170	280	ug/Kg	165		*		70	130	
	Pyrene	170	150	ug/Kg	88				70	130	
	Pyrene	170	210	ug/Kg	124				70	130	
	Butylbenzylphthalate	170	200	ug/Kg	118				70	130	
	Butylbenzylphthalate	170	130	ug/Kg	76				70	130	
	Butylbenzylphthalate	170	270	ug/Kg	159		*		70	130	
	3,3-Dichlorobenzidine	330	230	ug/Kg	70				70	130	
	3,3-Dichlorobenzidine	330	310	ug/Kg	94				70	130	
	3,3-Dichlorobenzidine	330	150	ug/Kg	45		*		70	130	
	Benzo(a)anthracene	170	160	ug/Kg	94				70	130	
	Benzo(a)anthracene	170	310	ug/Kg	182		*		70	130	
	Benzo(a)anthracene	170	230	ug/Kg	135		*		70	130	
	Chrysene	170	300	ug/Kg	176		*		70	130	
	Chrysene	170	160	ug/Kg	94				70	130	
	Chrysene	170	230	ug/Kg	135		*		70	130	
	bis(2-Ethylhexyl)phthalate	170	210	ug/Kg	124				70	130	
	bis(2-Ethylhexyl)phthalate	170	150	ug/Kg	88				70	130	
	bis(2-Ethylhexyl)phthalate	170	290	ug/Kg	171		*		70	130	
	Di-n-octyl phthalate	330	300	ug/Kg	91				70	130	
	Di-n-octyl phthalate	330	140	ug/Kg	42		*		70	130	
	Di-n-octyl phthalate	330	210	ug/Kg	64		*		70	130	
	Benzo(b)fluoranthene	170	200	ug/Kg	118				70	130	
	Benzo(b)fluoranthene	170	150	ug/Kg	88				70	130	
	Benzo(b)fluoranthene	170	280	ug/Kg	165		*		70	130	
	Benzo(k)fluoranthene	170	300	ug/Kg	176		*		70	130	
	Benzo(k)fluoranthene	170	150	ug/Kg	88				70	130	
	Benzo(k)fluoranthene	170	220	ug/Kg	129				70	130	
	Benzo(a)pyrene	170	160	ug/Kg	94				70	130	
	Benzo(a)pyrene	170	310	ug/Kg	182		*		70	130	
	Benzo(a)pyrene	170	220	ug/Kg	129				70	130	
	Indeno(1,2,3-cd)pyrene	170	320	ug/Kg	188		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
P2403-02	Indeno(1,2,3-cd)pyrene	170	170	ug/Kg	100				70	130	
	Indeno(1,2,3-cd)pyrene	170	240	ug/Kg	141		*		70	130	
	Dibenz(a,h)anthracene	170	230	ug/Kg	135		*		70	130	
	Dibenz(a,h)anthracene	170	170	ug/Kg	100				70	130	
	Dibenz(a,h)anthracene	170	300	ug/Kg	176		*		70	130	
	Benzo(g,h,i)perylene	170	300	ug/Kg	176		*		70	130	
	Benzo(g,h,i)perylene	170	170	ug/Kg	100				70	130	
	Benzo(g,h,i)perylene	170	230	ug/Kg	135		*		70	130	
	1,2,4,5-Tetrachlorobenzene	170	160	ug/Kg	94				70	130	
	1,2,4,5-Tetrachlorobenzene	170	290	ug/Kg	171		*		70	130	
	1,2,4,5-Tetrachlorobenzene	170	220	ug/Kg	129				70	130	
	1,4-Dioxane	170	300	ug/Kg	176		*		70	130	
	1,4-Dioxane	170	380	ug/Kg	224		*		70	130	
	1,4-Dioxane	170	200	ug/Kg	118				70	130	
	2,3,4,6-Tetrachlorophenol	170	140	ug/Kg	82				70	130	
	2,3,4,6-Tetrachlorophenol	170	270	ug/Kg	159		*		70	130	
	2,3,4,6-Tetrachlorophenol	170	200	ug/Kg	118				70	130	
	1-Methylnaphthalene	170	210	ug/Kg	124				70	130	
	1-Methylnaphthalene	170	270	ug/Kg	159		*		70	130	
1-Methylnaphthalene	170	150	ug/Kg	88				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-08	n-Nitrosodimethylamine	10	5.7	ug/L	57		*		70	130	
	n-Nitrosodimethylamine	10	8.1	ug/L	81				70	130	
	n-Nitrosodimethylamine	10	8.8	ug/L	88				70	130	
	Pyridine	5	7.5	ug/L	150		*		70	130	
	Pyridine	5	7.2	ug/L	144		*		70	130	
	Pyridine	5	4.9	ug/L	98				70	130	
	Benzaldehyde	10	8.9	ug/L	89				70	130	
	Benzaldehyde	10	12.6	ug/L	126				70	130	
	Benzaldehyde	10	13.6	ug/L	136		*		70	130	
	Aniline	5	9.5	ug/L	190		*		70	130	
	Aniline	5	8.7	ug/L	174		*		70	130	
	Aniline	5	6.1	ug/L	122				70	130	
	Phenol	5	5.3	ug/L	106				70	130	
	Phenol	5	7.4	ug/L	148		*		70	130	
	Phenol	5	8.6	ug/L	172		*		70	130	
	bis(2-Chloroethyl)ether	5	8.6	ug/L	172		*		70	130	
	bis(2-Chloroethyl)ether	5	7.7	ug/L	154		*		70	130	
	bis(2-Chloroethyl)ether	5	5.5	ug/L	110				70	130	
	2-Chlorophenol	5	5.2	ug/L	104				70	130	
	2-Chlorophenol	5	8.3	ug/L	166		*		70	130	
	2-Chlorophenol	5	7.4	ug/L	148		*		70	130	
	1,2-Dichlorobenzene	5	7.1	ug/L	142		*		70	130	
	1,2-Dichlorobenzene	5	7.8	ug/L	156		*		70	130	
	1,2-Dichlorobenzene	5	5	ug/L	100				70	130	
	1,3-Dichlorobenzene	5	5	ug/L	100				70	130	
	1,3-Dichlorobenzene	5	7.8	ug/L	156		*		70	130	
	1,3-Dichlorobenzene	5	7.2	ug/L	144		*		70	130	
	1,4-Dichlorobenzene	5	7.1	ug/L	142		*		70	130	
	1,4-Dichlorobenzene	5	7.9	ug/L	158		*		70	130	
	1,4-Dichlorobenzene	5	5	ug/L	100				70	130	
	Benzyl Alcohol	10	5.2	ug/L	52		*		70	130	
	Benzyl Alcohol	10	7.2	ug/L	72				70	130	
	Benzyl Alcohol	10	8.7	ug/L	87				70	130	
	2-Methylphenol	5	7.5	ug/L	150		*		70	130	
	2-Methylphenol	5	6.9	ug/L	138		*		70	130	
	2-Methylphenol	5	4.7	ug/L	94				70	130	
	2,2-oxybis(1-Chloropropane)	5	5.7	ug/L	114				70	130	
	2,2-oxybis(1-Chloropropane)	5	8.1	ug/L	162		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	9.1	ug/L	182		*		70	130	
	Acetophenone	5	7.2	ug/L	144		*		70	130	
	Acetophenone	5	8	ug/L	160		*		70	130	
	Acetophenone	5	5.1	ug/L	102				70	130	
	3+4-Methylphenols	10	4.7	ug/L	47		*		70	130	
	3+4-Methylphenols	10	7.4	ug/L	74				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-08	3+4-Methylphenols	10	6.5	ug/L	65		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	7.2	ug/L	288		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	8.6	ug/L	344		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	5.1	ug/L	204		*		70	130	
	Hexachloroethane	5	5.2	ug/L	104				70	130	
	Hexachloroethane	5	8.2	ug/L	164		*		70	130	
	Hexachloroethane	5	7.4	ug/L	148		*		70	130	
	Nitrobenzene	5	7.3	ug/L	146		*		70	130	
	Nitrobenzene	5	8.2	ug/L	164		*		70	130	
	Nitrobenzene	5	5.4	ug/L	108				70	130	
	Isophorone	5	5.3	ug/L	106				70	130	
	Isophorone	5	8.4	ug/L	168		*		70	130	
	Isophorone	5	7.2	ug/L	144		*		70	130	
	2-Nitrophenol	5	7.4	ug/L	148		*		70	130	
	2-Nitrophenol	5	5.8	ug/L	116				70	130	
	2-Nitrophenol	5	4.1	ug/L	82				70	130	
	2,4-Dimethylphenol	5	5.3	ug/L	106				70	130	
	2,4-Dimethylphenol	5	5.3	ug/L	106				70	130	
	2,4-Dimethylphenol	5	3.4	ug/L	68		*		70	130	
	bis(2-Chloroethoxy)methane	5	7.1	ug/L	142		*		70	130	
	bis(2-Chloroethoxy)methane	5	8.2	ug/L	164		*		70	130	
	bis(2-Chloroethoxy)methane	5	5.2	ug/L	104				70	130	
	2,4-Dichlorophenol	5	4.5	ug/L	90				70	130	
	2,4-Dichlorophenol	5	7.5	ug/L	150		*		70	130	
	2,4-Dichlorophenol	5	6.5	ug/L	130				70	130	
	1,2,4-Trichlorobenzene	5	6.5	ug/L	130				70	130	
	1,2,4-Trichlorobenzene	5	7.3	ug/L	146		*		70	130	
	1,2,4-Trichlorobenzene	5	4.7	ug/L	94				70	130	
	Benzoic acid	10	8.5	ug/L	85				70	130	
	Benzoic acid	10	7.9	ug/L	79				70	130	
	Benzoic acid	10	14.3	ug/L	143		*		70	130	
	Naphthalene	5	7.5	ug/L	150		*		70	130	
	Naphthalene	5	6.8	ug/L	136		*		70	130	
	Naphthalene	5	4.9	ug/L	98				70	130	
	4-Chloroaniline	5	5.2	ug/L	104				70	130	
	4-Chloroaniline	5	7.2	ug/L	144		*		70	130	
	4-Chloroaniline	5	8	ug/L	160		*		70	130	
	Hexachlorobutadiene	5	6.9	ug/L	138		*		70	130	
	Hexachlorobutadiene	5	6.4	ug/L	128				70	130	
	Hexachlorobutadiene	5	4.5	ug/L	90				70	130	
	Caprolactam	10	4.5	ug/L	45		*		70	130	
	Caprolactam	10	6.5	ug/L	65		*		70	130	
	Caprolactam	10	8.1	ug/L	81				70	130	
	4-Chloro-3-methylphenol	5	7.4	ug/L	148		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-08	4-Chloro-3-methylphenol	5	6.4	ug/L	128				70	130	
	4-Chloro-3-methylphenol	5	4.6	ug/L	92				70	130	
	2-Methylnaphthalene	5	4.6	ug/L	92				70	130	
	2-Methylnaphthalene	5	6.5	ug/L	130				70	130	
	2-Methylnaphthalene	5	7.4	ug/L	148		*		70	130	
	Hexachlorocyclopentadiene	10	11.1	ug/L	111				70	130	
	Hexachlorocyclopentadiene	10	0	ug/L	0		*		70	130	
	Hexachlorocyclopentadiene	10	0	ug/L	0		*		70	130	
	2,4,6-Trichlorophenol	5	4.2	ug/L	84				70	130	
	2,4,6-Trichlorophenol	5	7.1	ug/L	142		*		70	130	
	2,4,6-Trichlorophenol	5	6	ug/L	120				70	130	
	2,4,5-Trichlorophenol	5	6.1	ug/L	122				70	130	
	2,4,5-Trichlorophenol	5	7.1	ug/L	142		*		70	130	
	2,4,5-Trichlorophenol	5	4.2	ug/L	84				70	130	
	1,1-Biphenyl	5	5	ug/L	100				70	130	
	1,1-Biphenyl	5	7.5	ug/L	150		*		70	130	
	1,1-Biphenyl	5	7	ug/L	140		*		70	130	
	2-Chloronaphthalene	5	6.6	ug/L	132		*		70	130	
	2-Chloronaphthalene	5	7.3	ug/L	146		*		70	130	
	2-Chloronaphthalene	5	4.7	ug/L	94				70	130	
	2-Nitroaniline	5	4.4	ug/L	88				70	130	
	2-Nitroaniline	5	7.7	ug/L	154		*		70	130	
	2-Nitroaniline	5	6.3	ug/L	126				70	130	
	Dimethylphthalate	5	6.8	ug/L	136		*		70	130	
	Dimethylphthalate	5	7.5	ug/L	150		*		70	130	
	Dimethylphthalate	5	4.8	ug/L	96				70	130	
	Acenaphthylene	5	5.1	ug/L	102				70	130	
	Acenaphthylene	5	7.9	ug/L	158		*		70	130	
	Acenaphthylene	5	7.1	ug/L	142		*		70	130	
	2,6-Dinitrotoluene	5	6.1	ug/L	122				70	130	
	2,6-Dinitrotoluene	5	7.1	ug/L	142		*		70	130	
	2,6-Dinitrotoluene	5	4.2	ug/L	84				70	130	
	3-Nitroaniline	5	4.5	ug/L	90				70	130	
	3-Nitroaniline	5	6.3	ug/L	126				70	130	
	3-Nitroaniline	5	7.4	ug/L	148		*		70	130	
	Acenaphthene	5	7.3	ug/L	146		*		70	130	
	Acenaphthene	5	6.4	ug/L	128				70	130	
	Acenaphthene	5	4.5	ug/L	90				70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	2,4-Dinitrophenol	10	8.2	ug/L	82				70	130	
	2,4-Dinitrophenol	10	10.7	ug/L	107				70	130	
	4-Nitrophenol	10	6	ug/L	60		*		70	130	
	4-Nitrophenol	10	13	ug/L	130				70	130	
	4-Nitrophenol	10	4.1	ug/L	41		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-08	Dibenzofuran	5	4.9	ug/L	98				70	130	
	Dibenzofuran	5	7.4	ug/L	148		*		70	130	
	Dibenzofuran	5	6.7	ug/L	134		*		70	130	
	2,4-Dinitrotoluene	5	7	ug/L	140		*		70	130	
	2,4-Dinitrotoluene	5	5.8	ug/L	116				70	130	
	2,4-Dinitrotoluene	5	4	ug/L	80				70	130	
	Diethylphthalate	5	4.8	ug/L	96				70	130	
	Diethylphthalate	5	6.6	ug/L	132		*		70	130	
	Diethylphthalate	5	7.6	ug/L	152		*		70	130	
	4-Chlorophenyl-phenylether	5	6.8	ug/L	136		*		70	130	
	4-Chlorophenyl-phenylether	5	5.8	ug/L	116				70	130	
	4-Chlorophenyl-phenylether	5	4.3	ug/L	86				70	130	
	Fluorene	5	4.4	ug/L	88				70	130	
	Fluorene	5	6.1	ug/L	122				70	130	
	Fluorene	5	7.1	ug/L	142		*		70	130	
	4-Nitroaniline	5	6.8	ug/L	136		*		70	130	
	4-Nitroaniline	5	5.6	ug/L	112				70	130	
	4-Nitroaniline	5	3.9	ug/L	78				70	130	
	4,6-Dinitro-2-methylphenol	10	9.4	ug/L	94				70	130	
	4,6-Dinitro-2-methylphenol	10	11.9	ug/L	119				70	130	
	4,6-Dinitro-2-methylphenol	10	11.6	ug/L	116				70	130	
	N-Nitrosodiphenylamine	5	7.1	ug/L	142		*		70	130	
	N-Nitrosodiphenylamine	5	6.4	ug/L	128				70	130	
	N-Nitrosodiphenylamine	5	4.5	ug/L	90				70	130	
	Azobenzene	5	5.2	ug/L	104				70	130	
	Azobenzene	5	7.3	ug/L	146		*		70	130	
	Azobenzene	5	8.2	ug/L	164		*		70	130	
	4-Bromophenyl-phenylether	5	6.6	ug/L	132		*		70	130	
	4-Bromophenyl-phenylether	5	5.9	ug/L	118				70	130	
	4-Bromophenyl-phenylether	5	4.3	ug/L	86				70	130	
	Hexachlorobenzene	5	4.3	ug/L	86				70	130	
	Hexachlorobenzene	5	6	ug/L	120				70	130	
	Hexachlorobenzene	5	6.7	ug/L	134		*		70	130	
	Atrazine	5	7.6	ug/L	152		*		70	130	
	Atrazine	5	6.5	ug/L	130				70	130	
	Atrazine	5	4.6	ug/L	92				70	130	
	Pentachlorophenol	10	3.4	ug/L	34		*		70	130	
	Pentachlorophenol	10	10.2	ug/L	102				70	130	
	Pentachlorophenol	10	11.1	ug/L	111				70	130	
	Phenanthrene	5	7.3	ug/L	146		*		70	130	
	Phenanthrene	5	6.5	ug/L	130				70	130	
	Phenanthrene	5	4.7	ug/L	94				70	130	
	Anthracene	5	4.3	ug/L	86				70	130	
	Anthracene	5	6.2	ug/L	124				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM091724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-08	Anthracene	5	6.6	ug/L	132		*		70	130	
	Carbazole	5	7	ug/L	140		*		70	130	
	Carbazole	5	6.2	ug/L	124				70	130	
	Carbazole	5	4.4	ug/L	88				70	130	
	Di-n-butylphthalate	5	4.6	ug/L	92				70	130	
	Di-n-butylphthalate	5	6.2	ug/L	124				70	130	
	Di-n-butylphthalate	5	7.5	ug/L	150		*		70	130	
	Fluoranthene	5	6.6	ug/L	132		*		70	130	
	Fluoranthene	5	5.8	ug/L	116				70	130	
	Fluoranthene	5	4.2	ug/L	84				70	130	
	Benzidine	10	0	ug/L	0		*		70	130	
	Benzidine	10	8.8	ug/L	88				70	130	
	Benzidine	10	5.3	ug/L	53		*		70	130	
	Pyrene	5	7.3	ug/L	146		*		70	130	
	Pyrene	5	6.2	ug/L	124				70	130	
	Pyrene	5	4.4	ug/L	88				70	130	
	Butylbenzylphthalate	5	4.2	ug/L	84				70	130	
	Butylbenzylphthalate	5	5.9	ug/L	118				70	130	
	Butylbenzylphthalate	5	7.4	ug/L	148		*		70	130	
	3,3-Dichlorobenzidine	10	7.6	ug/L	76				70	130	
	3,3-Dichlorobenzidine	10	6.7	ug/L	67		*		70	130	
	3,3-Dichlorobenzidine	10	4.6	ug/L	46		*		70	130	
	Benzo(a)anthracene	5	4.9	ug/L	98				70	130	
	Benzo(a)anthracene	5	6.9	ug/L	138		*		70	130	
	Benzo(a)anthracene	5	7.6	ug/L	152		*		70	130	
	Chrysene	5	7.3	ug/L	146		*		70	130	
	Chrysene	5	6.8	ug/L	136		*		70	130	
	Chrysene	5	4.8	ug/L	96				70	130	
	bis(2-Ethylhexyl)phthalate	5	4.5	ug/L	90				70	130	
	bis(2-Ethylhexyl)phthalate	5	6.3	ug/L	126				70	130	
	bis(2-Ethylhexyl)phthalate	5	7.6	ug/L	152		*		70	130	
	Di-n-octyl phthalate	10	7.3	ug/L	73				70	130	
	Di-n-octyl phthalate	10	6.4	ug/L	64		*		70	130	
	Di-n-octyl phthalate	10	4.5	ug/L	45		*		70	130	
	Benzo(b)fluoranthene	5	4.6	ug/L	92				70	130	
	Benzo(b)fluoranthene	5	6.3	ug/L	126				70	130	
	Benzo(b)fluoranthene	5	7.5	ug/L	150		*		70	130	
	Benzo(k)fluoranthene	5	7.8	ug/L	156		*		70	130	
	Benzo(k)fluoranthene	5	6.6	ug/L	132		*		70	130	
	Benzo(k)fluoranthene	5	4.6	ug/L	92				70	130	
	Benzo(a)pyrene	5	4.8	ug/L	96				70	130	
	Benzo(a)pyrene	5	6.7	ug/L	134		*		70	130	
	Benzo(a)pyrene	5	7.8	ug/L	156		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	8.1	ug/L	162		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P2403-08	Indeno(1,2,3-cd)pyrene	5	7.3	ug/L	146		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	5.1	ug/L	102				70	130	
	Dibenz(a,h)anthracene	5	4.9	ug/L	98				70	130	
	Dibenz(a,h)anthracene	5	7.1	ug/L	142		*		70	130	
	Dibenz(a,h)anthracene	5	7.9	ug/L	158		*		70	130	
	Benzo(g,h,i)perylene	5	7.8	ug/L	156		*		70	130	
	Benzo(g,h,i)perylene	5	6.9	ug/L	138		*		70	130	
	Benzo(g,h,i)perylene	5	4.8	ug/L	96				70	130	
	1,2,4,5-Tetrachlorobenzene	5	4.8	ug/L	96				70	130	
	1,2,4,5-Tetrachlorobenzene	5	7.4	ug/L	148		*		70	130	
	1,2,4,5-Tetrachlorobenzene	5	6.6	ug/L	132		*		70	130	
	1,4-Dioxane	5	9	ug/L	180		*		70	130	
	1,4-Dioxane	5	8.6	ug/L	172		*		70	130	
	1,4-Dioxane	5	6	ug/L	120				70	130	
	2,3,4,6-Tetrachlorophenol	5	4.4	ug/L	88				70	130	
	2,3,4,6-Tetrachlorophenol	5	7.2	ug/L	144		*		70	130	
	2,3,4,6-Tetrachlorophenol	5	6.1	ug/L	122				70	130	
	1-Methylnaphthalene	5	6.1	ug/L	122				70	130	
	1-Methylnaphthalene	5	7.1	ug/L	142		*		70	130	
	1-Methylnaphthalene	5	4.4	ug/L	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

LOD-MDL-WATER-01-QT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091724

SAS No.: BM091724 SDG NO.: BM091724

Lab File ID: BM047548.D

Lab Sample ID: P2403-07

Instrument ID: BNA_M

Date Extracted: 05/20/2024

Matrix: (soil/water) Water

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 17:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-WATER-01-QT2-2024	P2403-07	BM047548.D	09/17/2024
LOD-MDL-WATER-01-QT2-2024	P2403-07	BM047549.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163109BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091724

SAS No.: BM091724 SDG NO.: BM091724

Lab File ID: BM047539.D

Lab Sample ID: PB163109BL

Instrument ID: BNA_M

Date Extracted: 09/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 09:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-SOIL-01-QT2-2024	P2403-01	BM047546.D	09/17/2024
LOD-MDL-SOIL-01-QT2-2024	P2403-01	BM047547.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163110BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091724

SAS No.: BM091724 SDG NO.: BM091724

Lab File ID: BM047550.D

Lab Sample ID: PB163110BL

Instrument ID: BNA_M

Date Extracted: 09/03/2024

Matrix: (soil/water) Water

Date Analyzed: 09/17/2024

Level: (low/med) LOW

Time Analyzed: 19:06

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

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

COMMENTS:

Surrogate Summary

SW-846

SDG No.: **BM091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-07	LOD-MDL-WATEF	BM047548.D	2-Fluorophenol	150	127.73	85		10	139
		BM047549.D	2-Fluorophenol	150	146.80	98		10	139
			Phenol-d6	150	144.21	96		10	134
		BM047548.D	Phenol-d6	150	124.94	83		10	134
			Nitrobenzene-d5	100	89.21	89		49	133
		BM047549.D	Nitrobenzene-d5	100	105.38	105		49	133
			2-Fluorobiphenyl	100	106.68	107		52	132
		BM047548.D	2-Fluorobiphenyl	100	88.19	88		52	132
			2,4,6-Tribromophenol	150	133.90	89		44	137
		BM047549.D	2,4,6-Tribromophenol	150	159.39	106		44	137
			Terphenyl-d14	100	118.70	119		48	125
		BM047548.D	Terphenyl-d14	100	98.54	99		48	125

Surrogate Summary

SW-846

SDG No.: **BM091724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-01	LOD-MDL-SOIL-0	BM047546.D	2-Fluorophenol	150	127.24	85		18	112
		BM047547.D	2-Fluorophenol	150	145.32	97		18	112
		BM047546.D	Phenol-d6	150	123.95	83		15	107
		BM047547.D	Phenol-d6	150	143.42	96		15	107
		BM047546.D	Nitrobenzene-d5	100	89.48	89		18	107
		BM047547.D	Nitrobenzene-d5	100	104.72	105		18	107
			2-Fluorobiphenyl	100	104.45	104		20	109
		BM047546.D	2-Fluorobiphenyl	100	87.93	88		20	109
			2,4,6-Tribromophenol	150	133.33	89		10	116
		BM047547.D	2,4,6-Tribromophenol	150	157.70	105		10	116
		BM047546.D	Terphenyl-d14	100	94.97	95		10	105
		BM047547.D	Terphenyl-d14	100	110.29	110	*	10	105
PB163109BL	PB163109BL	BM047539.D	2-Fluorophenol	150	149.43	100		18	112
			Phenol-d6	150	134.16	89		15	107
			Nitrobenzene-d5	100	90.29	90		18	107
			2-Fluorobiphenyl	100	93.08	93		20	109
			2,4,6-Tribromophenol	150	133.16	89		10	116
			Terphenyl-d14	100	135.69	136	*	10	105

Surrogate Summary

SW-846

SDG No.: BM091724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163110BL	PB163110BL	BM047550.D	2-Fluorophenol	150	168.68	112		10	139
			Phenol-d6	150	150.30	100		10	134
			Nitrobenzene-d5	100	102.57	103		49	133
			2-Fluorobiphenyl	100	104.40	104		52	132
			2,4,6-Tribromophenol	150	141.33	94		44	137
			Terphenyl-d14	100	149.19	149	*	48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM091724

Lab Code: CHEM

SAS No.: BM091724 SDG NO.: BM091724

Lab File ID: BM047537.D

DFTPP Injection Date: 09/17/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.1
68	Less than 2.0% of mass 69	0.8 (1.5) 1
69	Mass 69 relative abundance	52.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	59.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	22.1
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	7.6
442	Greater than 50% of mass 198	45.4
443	15.0 - 24.0% of mass 442	9.1 (20) 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	BM047538.D	09/17/2024	08:44
PB163109BL	PB163109BL	BM047539.D	09/17/2024	09:27
LOD-MDL-SOIL-01-QT2-2024	P2403-01	BM047546.D	09/17/2024	16:27
LOD-MDL-SOIL-01-QT2-2024	P2403-01	BM047547.D	09/17/2024	17:07
LOD-MDL-WATER-01-QT2-2024	P2403-07	BM047548.D	09/17/2024	17:47
LOD-MDL-WATER-01-QT2-2024	P2403-07	BM047549.D	09/17/2024	18:26
PB163110BL	PB163110BL	BM047550.D	09/17/2024	19:06
SSTDCCC040EC	SSTDCCC040	BM047551.D	09/17/2024	19:45