

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092324 SAS No.: BP092324 SDG No.: BP092324

Instrument ID: BNA_P Calibration Date/Time: 9/23/2024 1:09:39

Lab File ID: BP021975.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	0.622	0.639		2.733	
Pyridine	1.179	1.115		-5.428	
2-Fluorophenol	1.064	1.031		-3.102	
Benzaldehyde	0.722	0.721		-0.139	
Aniline	1.214	1.215		0.082	
Phenol-d6	1.382	1.375		-0.507	
Phenol	1.372	1.367		-0.364	20.0
bis(2-Chloroethyl) ether	1.034	1.059		2.418	
2-Chlorophenol	1.138	1.150		1.054	
1,2-Dichlorobenzene	1.398	1.391		-0.501	
1,3-Dichlorobenzene	1.437	1.456		1.322	
1,4-Dichlorobenzene	1.457	1.461		0.275	20.0
Benzyl Alcohol	1.060	1.140		7.547	
2-Methylphenol	0.927	0.982		5.933	
2,2-oxybis(1-Chloropropane)	1.102	1.148		4.174	
Acetophenone	0.488	0.464		-4.918	
3+4-Methylphenols	1.309	1.371		4.736	
n-Nitroso-di-n-propylamine	0.859	0.951	0.050	10.71	
Nitrobenzene-d5	0.378	0.375		-0.794	
Hexachloroethane	0.536	0.553		3.172	
Nitrobenzene	0.384	0.380		-1.042	
Isophorone	0.623	0.623		0.0	
2-Nitrophenol	0.168	0.166		-1.19	20.0
2,4-Dimethylphenol	0.194	0.197		1.546	
bis(2-Chloroethoxy) methane	0.374	0.368		-1.604	
2,4-Dichlorophenol	0.330	0.335		1.515	20.0
1,2,4-Trichlorobenzene	0.411	0.406		-1.217	
Benzoic acid	0.227	0.234		3.084	
Naphthalene	0.998	0.990		-0.802	
4-Chloroaniline	0.360	0.367		1.944	
Hexachlorobutadiene	0.321	0.327		1.869	20.0
Caprolactam	0.098	0.099		1.02	
4-Chloro-3-methylphenol	0.354	0.373		5.367	20.0
2-Methylnaphthalene	0.730	0.748		2.466	
Hexachlorocyclopentadiene	0.260	0.251	0.050	-3.462	
2,4,6-Trichlorophenol	0.429	0.415		-3.263	20.0
2-Fluorobiphenyl	1.370	1.339		-2.263	
2,4,5-Trichlorophenol	0.482	0.474		-1.66	
1,1-Biphenyl	1.364	1.330		-2.493	

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Lab File ID: BP021975.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	1.103	1.070		-2.992	
2-Nitroaniline	0.301	0.315		4.651	
Dimethylphthalate	1.451	1.438		-0.896	
Acenaphthylene	1.556	1.567		0.707	
2,6-Dinitrotoluene	0.323	0.322		-0.31	
3-Nitroaniline	0.288	0.298		3.472	
Acenaphthene	1.013	1.021		0.79	20.0
2,4-Dinitrophenol	0.189	0.197	0.050	4.233	
4-Nitrophenol	0.251	0.261	0.050	3.984	
Dibenzofuran	1.702	1.761		3.467	
2,4-Dinitrotoluene	0.457	0.486		6.346	
Diethylphthalate	1.474	1.546		4.885	
4-Chlorophenyl-phenylether	0.828	0.873		5.435	
Fluorene	1.421	1.482		4.293	
4-Nitroaniline	0.317	0.344		8.517	
4,6-Dinitro-2-methylphenol	0.116	0.116		0.0	
n-Nitrosodiphenylamine	0.498	0.485		-2.61	20.0
Azobenzene	1.220	1.333		9.262	
2,4,6-Tribromophenol	0.371	0.410		10.512	
4-Bromophenyl-phenylether	0.233	0.229		-1.717	
Hexachlorobenzene	0.291	0.288		-1.031	
Atrazine	0.178	0.148		-16.854	
Pentachlorophenol	0.196	0.197		0.51	20.0
Phenanthrene	0.960	0.929		-3.229	
Anthracene	0.929	0.933		0.431	
Carbazole	0.898	0.906		0.891	
Di-n-butylphthalate	1.054	1.087		3.131	
Fluoranthene	1.340	1.391		3.806	20.0
Benzidine	0.244	0.390		59.836	
Pyrene	1.210	1.167		-3.554	
Terphenyl-d14	1.065	1.042		-2.16	
Butylbenzylphthalate	0.432	0.428		-0.926	
3,3-Dichlorobenzidine	0.466	0.463		-0.644	
Benzo(a)anthracene	1.285	1.254		-2.412	
Chrysene	1.210	1.187		-1.901	
Bis(2-ethylhexyl)phthalate	0.633	0.638		0.79	
Di-n-octyl phthalate	1.076	1.079		0.279	20.0
Benzo(b)fluoranthene	1.183	1.189		0.507	
Benzo(k)fluoranthene	1.119	1.093		-2.324	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092324 SAS No.: BP092324 SDG No.: BP092324

Instrument ID: BNA_P Calibration Date/Time: 9/23/2024 1:09:39

Lab File ID: BP021975.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	1.019	1.001		-1.766	20.0
Indeno(1,2,3-cd)pyrene	1.330	1.311		-1.429	
Dibenzo(a,h)anthracene	1.098	1.063		-3.188	
Benzo(g,h,i)perylene	1.125	1.128		0.267	
1,2,4,5-Tetrachlorobenzene	0.700	0.673		-3.857	
1,4-Dioxane	0.442	0.410		-7.24	20.0
2,3,4,6-Tetrachlorophenol	0.465	0.481		3.441	
1-Methylnaphthalene	0.721	0.753		4.438	

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.: BP092324 SAS No.: BP092324 SDG No.: BP092324
Instrument ID: BNA_P Calibration Date/Time: 9/23/2024 1:18:52
Lab File ID: BP021988.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	0.622	0.599		-3.698	50.0
Pyridine	1.179	1.144		-2.969	50.0
2-Fluorophenol	1.064	1.037		-2.538	50.0
Benzaldehyde	0.722	0.788		9.141	50.0
Aniline	1.214	1.239		2.059	50.0
Phenol-d6	1.382	1.411		2.098	50.0
Phenol	1.372	1.408		2.624	50.0
bis(2-Chloroethyl) ether	1.034	1.052		1.741	50.0
2-Chlorophenol	1.138	1.146		0.703	50.0
1,2-Dichlorobenzene	1.398	1.386		-0.858	50.0
1,3-Dichlorobenzene	1.437	1.434		-0.209	50.0
1,4-Dichlorobenzene	1.457	1.444		-0.892	50.0
Benzyl Alcohol	1.060	1.134		6.981	50.0
2-Methylphenol	0.927	0.988		6.58	50.0
2,2-oxybis(1-Chloropropane)	1.102	1.174		6.534	50.0
Acetophenone	0.488	0.470		-3.689	50.0
3+4-Methylphenols	1.309	1.397		6.723	50.0
n-Nitroso-di-n-propylamine	0.859	0.950	0.050	10.594	50.0
Nitrobenzene-d5	0.378	0.379		0.265	50.0
Hexachloroethane	0.536	0.540		0.746	50.0
Nitrobenzene	0.384	0.380		-1.042	50.0
Isophorone	0.623	0.632		1.445	50.0
2-Nitrophenol	0.168	0.166		-1.19	50.0
2,4-Dimethylphenol	0.194	0.195		0.515	50.0
bis(2-Chloroethoxy) methane	0.374	0.383		2.406	50.0
2,4-Dichlorophenol	0.330	0.333		0.909	50.0
1,2,4-Trichlorobenzene	0.411	0.396		-3.65	50.0
Benzoic acid	0.227	0.236		3.965	50.0
Naphthalene	0.998	0.989		-0.902	50.0
4-Chloroaniline	0.360	0.358		-0.556	50.0
Hexachlorobutadiene	0.321	0.308		-4.05	50.0
Caprolactam	0.098	0.102		4.082	50.0
4-Chloro-3-methylphenol	0.354	0.365		3.107	50.0
2-Methylnaphthalene	0.730	0.740		1.37	50.0
Hexachlorocyclopentadiene	0.260	0.249	0.050	-4.231	50.0
2,4,6-Trichlorophenol	0.429	0.420		-2.098	50.0
2-Fluorobiphenyl	1.370	1.323		-3.431	50.0
2,4,5-Trichlorophenol	0.482	0.485		0.622	50.0
1,1-Biphenyl	1.364	1.347		-1.246	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.103	1.074		-2.629	50.0
2-Nitroaniline	0.301	0.318		5.648	50.0
Dimethylphthalate	1.451	1.408		-2.963	50.0
Acenaphthylene	1.556	1.555		-0.064	50.0
2,6-Dinitrotoluene	0.323	0.324		0.31	50.0
3-Nitroaniline	0.288	0.289		0.347	50.0
Acenaphthene	1.013	1.009		-0.395	50.0
2,4-Dinitrophenol	0.189	0.193	0.050	2.116	50.0
4-Nitrophenol	0.251	0.261	0.050	3.984	50.0
Dibenzofuran	1.702	1.672		-1.763	50.0
2,4-Dinitrotoluene	0.457	0.474		3.72	50.0
Diethylphthalate	1.474	1.478		0.271	50.0
4-Chlorophenyl-phenylether	0.828	0.812		-1.932	50.0
Fluorene	1.421	1.392		-2.041	50.0
4-Nitroaniline	0.317	0.325		2.524	50.0
4,6-Dinitro-2-methylphenol	0.116	0.121		4.31	50.0
n-Nitrosodiphenylamine	0.498	0.508		2.008	50.0
Azobenzene	1.220	1.231		0.902	50.0
2,4,6-Tribromophenol	0.371	0.375		1.078	50.0
4-Bromophenyl-phenylether	0.233	0.241		3.433	50.0
Hexachlorobenzene	0.291	0.296		1.718	50.0
Atrazine	0.178	0.148		-16.854	50.0
Pentachlorophenol	0.196	0.201		2.551	50.0
Phenanthrene	0.960	0.961		0.104	50.0
Anthracene	0.929	0.947		1.938	50.0
Carbazole	0.898	0.913		1.67	50.0
Di-n-butylphthalate	1.054	1.088		3.226	50.0
Fluoranthene	1.340	1.340		0.0	50.0
Benzidine	0.244	0.385		57.787	50.0
Pyrene	1.210	1.219		0.744	50.0
Terphenyl-d14	1.065	1.070		0.469	50.0
Butylbenzylphthalate	0.432	0.447		3.472	50.0
3,3-Dichlorobenzidine	0.466	0.479		2.79	50.0
Benzo(a)anthracene	1.285	1.264		-1.634	50.0
Chrysene	1.210	1.195		-1.24	50.0
Bis(2-ethylhexyl)phthalate	0.633	0.651		2.844	50.0
Di-n-octyl phthalate	1.076	1.099		2.138	50.0
Benzo(b)fluoranthene	1.183	1.213		2.536	50.0
Benzo(k)fluoranthene	1.119	1.116		-0.268	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.019	1.030		1.079	50.0
Indeno(1,2,3-cd)pyrene	1.330	1.312		-1.353	50.0
Dibenzo(a,h)anthracene	1.098	1.076		-2.004	50.0
Benzo(g,h,i)perylene	1.125	1.116		-0.8	50.0
1,2,4,5-Tetrachlorobenzene	0.700	0.684		-2.286	50.0
1,4-Dioxane	0.442	0.411		-7.014	50.0
2,3,4,6-Tetrachlorophenol	0.465	0.465		0.0	50.0
1-Methylnaphthalene	0.721	0.734		1.803	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BP092324
Lab Sample ID:	PB163138BL	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
BP021976.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BP092324
Lab Sample ID:	PB163138BL	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
BP021976.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BP092324
Lab Sample ID:	PB163138BL	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
BP021976.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140.556		18-112		94	SPK: -150
13127-88-3	Phenol-d6	134.615		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	93.792		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	95.047		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BP092324
Lab Sample ID:	PB163138BL	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
BP021976.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.546		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	100.457		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102576	7.681				
1146-65-2	Naphthalene-d8	359434	10.451				
15067-26-2	Acenaphthene-d10	240083	14.316				
1517-22-2	Phenanthrene-d10	538548	17.11				
1719-03-5	Chrysene-d12	573086	21.533				
1520-96-3	Perylene-d12	627189	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.846	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021977.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021977.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021977.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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	122.491		10-139		82	SPK: -150
13127-88-3	Phenol-d6	114.19		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	83.363		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.759		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021977.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.364		44-137		72	SPK: -150
1718-51-0	Terphenyl-d14	85.544		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74719	7.71				
1146-65-2	Naphthalene-d8	253893	10.469				
15067-26-2	Acenaphthene-d10	170443	14.322				
1517-22-2	Phenanthrene-d10	380108	17.116				
1719-03-5	Chrysene-d12	434852	21.551				
1520-96-3	Perylene-d12	535492	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000921-14-2	Hydrazine, 1,1-bis(1-methylethyl)-	5	J			4.875	

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:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021978.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	98	J	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	140	J	96.8	130	170	ug/Kg
108-95-2	Phenol	110	J	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	J	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	120	J	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	J	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	J	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	120	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	110	J	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	J	90.8	130	170	ug/Kg
98-86-2	Acetophenone	120	J	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	100	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	110	J	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	120	J	90.7	130	170	ug/Kg
78-59-1	Isophorone	110	J	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	100	J	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	J	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	100	J	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	J	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	110	J	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021978.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.7	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.7	J	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.3	J	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.4	J	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	110	J	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	110	J	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	110	J	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	120	J	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.2	J	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	91.1	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	110	J	81	130	170	ug/Kg
Total PAH	Total PAH	1753.7	J	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	120	J	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84.1	J	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.9	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	110	J	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	J	85.5	130	170	ug/Kg
86-73-7	Fluorene	110	J	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	J	81.5	130	170	ug/Kg
103-33-3	Azobenzene	110	J	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	J	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	110	J	84.9	130	170	ug/Kg
1912-24-9	Atrazine	130	J	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021978.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.297		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	61.503		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82616	7.71				
1146-65-2	Naphthalene-d8	318886	10.475				
15067-26-2	Acenaphthene-d10	259790	14.334				
1517-22-2	Phenanthrene-d10	676864	17.122				
1719-03-5	Chrysene-d12	900175	21.551				
1520-96-3	Perylene-d12	1128695	24.845				

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:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021979.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	240		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	430		180	270	330	ug/Kg
62-53-3	Aniline	330		96.8	130	170	ug/Kg
108-95-2	Phenol	280		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	290		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	280		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	280		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	280		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	290	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	280		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320		90.8	130	170	ug/Kg
98-86-2	Acetophenone	290		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	260	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	300		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	270		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	280		90.7	130	170	ug/Kg
78-59-1	Isophorone	280		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	250		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	210		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	260		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	270		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	290		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	250		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021979.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	240	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	270		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	280		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	270		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	240		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	270		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	290		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	250		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	250		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	260		81	130	170	ug/Kg
Total PAH	Total PAH	4310		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	230	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	280		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	480		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	230		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	270		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270		85.5	130	170	ug/Kg
86-73-7	Fluorene	270		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	240		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270		81.5	130	170	ug/Kg
103-33-3	Azobenzene	290		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	260		84.9	130	170	ug/Kg
1912-24-9	Atrazine	320		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021979.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	220	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	280		83.9	130	170	ug/Kg
120-12-7	Anthracene	270		84.3	130	170	ug/Kg
86-74-8	Carbazole	270		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	260		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	260		81.6	130	170	ug/Kg
92-87-5	Benzidine	410		160	270	330	ug/Kg
129-00-0	Pyrene	250		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	250		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	270		80.6	130	170	ug/Kg
218-01-9	Chrysene	270		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	240	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	280		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	270		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	250		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.05		18-112		83	SPK: -150
13127-88-3	Phenol-d6	126.313		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	91.189		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	88.063		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:	MDL-SOIL-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021979.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.623		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	79.239		10-105		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108513	7.716				
1146-65-2	Naphthalene-d8	425632	10.475				
15067-26-2	Acenaphthene-d10	319143	14.322				
1517-22-2	Phenanthrene-d10	788764	17.116				
1719-03-5	Chrysene-d12	953506	21.533				
1520-96-3	Perylene-d12	1095859	24.827				

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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021980.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.5	J	1	8	10	ug/L
110-86-1	Pyridine	3	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.6	J	4	8	10	ug/L
62-53-3	Aniline	4.2	J	1.6	4	5	ug/L
108-95-2	Phenol	3.6	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	3.6	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	3.7	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.5	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.5	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.5	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	3.4	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.4	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.1	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.5	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	3.4	J	1	4	5	ug/L
98-95-3	Nitrobenzene	3.6	J	1.3	4	5	ug/L
78-59-1	Isophorone	3.3	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2.8	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.5	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.5	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	2.9	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.3	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	3.5	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.5	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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021980.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2.9	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.5	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	3	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2.7	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	3.5	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	2.7	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.3	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	3.4	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.9	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	2.7	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.2	J	0.81	4	5	ug/L
Total PAH	Total PAH	52.8	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	2.1	J	2	8	10	ug/L
132-64-9	Dibenzofuran	3.5	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	J	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5.5	J	2.7	4	10	ug/L
84-66-2	Diethylphthalate	3.2	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.2	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.2	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.6	J	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	3.4	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.2	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.2	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.3	J	1.1	4	5	ug/L
1912-24-9	Atrazine	3.9	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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021980.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.6	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	3.5	J	0.89	4	5	ug/L
120-12-7	Anthracene	3.3	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.2	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	3.2	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.6	J	4.1	8	10	ug/L
129-00-0	Pyrene	3.1	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.9	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	3.4	J	0.94	4	5	ug/L
218-01-9	Chrysene	3.4	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	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	3.2	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.3	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	3.4	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.1	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	3.4	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.1	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	104.334		10-139		70	SPK: -150
13127-88-3	Phenol-d6	106.007		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	74.648		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	71.643		52-132		72	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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021980.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.296		44-137		72	SPK: -150
1718-51-0	Terphenyl-d14	62.903		48-125		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131223	7.711				
1146-65-2	Naphthalene-d8	520424	10.475				
15067-26-2	Acenaphthene-d10	393173	14.322				
1517-22-2	Phenanthrene-d10	945454	17.122				
1719-03-5	Chrysene-d12	1165068	21.557				
1520-96-3	Perylene-d12	1352715	24.845				

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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021981.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.5		4	8	10	ug/L
62-53-3	Aniline	10		1.6	4	5	ug/L
108-95-2	Phenol	8.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	8.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	8.5	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.7		1.4	4	5	ug/L
98-86-2	Acetophenone	8.6		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	9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.4		1	4	5	ug/L
98-95-3	Nitrobenzene	8.4		1.3	4	5	ug/L
78-59-1	Isophorone	8.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.3		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	8.4		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	5.6	J	5.5	8	10	ug/L
91-20-3	Naphthalene	8.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	7.6		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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021981.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	7.2	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	6.7	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	7.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	8.1		0.81	4	5	ug/L
Total PAH	Total PAH	129.9		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	6.7	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.5		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	7.2		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.3		2.7	4	10	ug/L
84-66-2	Diethylphthalate	8.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.1		0.98	4	5	ug/L
86-73-7	Fluorene	8.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	7.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.7	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.3		0.89	4	5	ug/L
103-33-3	Azobenzene	8.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	7.7		1.1	4	5	ug/L
1912-24-9	Atrazine	9.8		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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021981.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.4	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.1		0.89	4	5	ug/L
120-12-7	Anthracene	7.9		1.1	4	5	ug/L
86-74-8	Carbazole	8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	7.6		1.3	4	5	ug/L
92-87-5	Benzidine	12.9		4.1	8	10	ug/L
129-00-0	Pyrene	7.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	7.8	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.2		0.94	4	5	ug/L
218-01-9	Chrysene	8.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.8		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	8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.4		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	8.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	7.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.114		10-139		82	SPK: -150
13127-88-3	Phenol-d6	124.126		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	90.051		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	89.605		52-132		90	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:	MDL-WATER-03-QT2-2024	SDG No.:	BP092324
Lab Sample ID:	P2403-09	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
BP021981.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.932		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	77.683		48-125		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113061	7.71				
1146-65-2	Naphthalene-d8	444284	10.475				
15067-26-2	Acenaphthene-d10	320524	14.322				
1517-22-2	Phenanthrene-d10	791065	17.116				
1719-03-5	Chrysene-d12	972704	21.551				
1520-96-3	Perylene-d12	1140585	24.845				

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021982.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021982.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021982.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

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	140.015		10-139		93	SPK: -150
13127-88-3	Phenol-d6	131.204		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	94.701		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	95.942		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BP092324
Lab Sample ID:	PB163139BL	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
BP021982.D	1	9/4/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.415		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	97.773		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98936	7.711				
1146-65-2	Naphthalene-d8	342173	10.475				
15067-26-2	Acenaphthene-d10	225444	14.328				
1517-22-2	Phenanthrene-d10	541145	17.122				
1719-03-5	Chrysene-d12	653961	21.539				
1520-96-3	Perylene-d12	768319	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.6	A			4.875	

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BL	SDG No.:	BP092324
Lab Sample ID:	PB163571BL	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
BP021983.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

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:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BL	SDG No.:	BP092324
Lab Sample ID:	PB163571BL	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
BP021983.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

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:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BL	SDG No.:	BP092324
Lab Sample ID:	PB163571BL	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
BP021983.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

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	139.104		10-139		93	SPK: -150
13127-88-3	Phenol-d6	128.63		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	91.726		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	96.273		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BL	SDG No.:	BP092324
Lab Sample ID:	PB163571BL	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
BP021983.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.256		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	101.256		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83830	7.669				
1146-65-2	Naphthalene-d8	288413	10.439				
15067-26-2	Acenaphthene-d10	180364	14.31				
1517-22-2	Phenanthrene-d10	445041	17.127				
1719-03-5	Chrysene-d12	556101	21.557				
1520-96-3	Perylene-d12	660809	24.856				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.3	A			4.834	

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BS	SDG No.:	BP092324
Lab Sample ID:	PB163571BS	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
BP021984.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.8		1	8	10	ug/L
110-86-1	Pyridine	31.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10.9		4	8	10	ug/L
62-53-3	Aniline	41.4		1.6	4	5	ug/L
108-95-2	Phenol	41.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	38.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	38.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	38.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.1		1.4	4	5	ug/L
98-86-2	Acetophenone	37.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.8		1	4	5	ug/L
98-95-3	Nitrobenzene	38.2		1.3	4	5	ug/L
78-59-1	Isophorone	38.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	40.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	37.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	36.2		5.5	8	10	ug/L
91-20-3	Naphthalene	39.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BS	SDG No.:	BP092324
Lab Sample ID:	PB163571BS	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
BP021984.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	39.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	42.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	40.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	38.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	37.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	39.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	43.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	41.3		0.81	4	5	ug/L
Total PAH	Total PAH	660.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	91.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	88.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	42.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	41.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	42.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.7		0.98	4	5	ug/L
86-73-7	Fluorene	42.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	42.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.2		0.89	4	5	ug/L
103-33-3	Azobenzene	45.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	40.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	39.5		1.1	4	5	ug/L
1912-24-9	Atrazine	52		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BS	SDG No.:	BP092324
Lab Sample ID:	PB163571BS	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
BP021984.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	42		0.89	4	5	ug/L
120-12-7	Anthracene	44.8		1.1	4	5	ug/L
86-74-8	Carbazole	42.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	42		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.1		1.3	4	5	ug/L
92-87-5	Benzidine	79.8		4.1	8	10	ug/L
129-00-0	Pyrene	36.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	40.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	41.3		0.94	4	5	ug/L
218-01-9	Chrysene	41.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	45.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	39.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	40.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	43.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.024		10-139		85	SPK: -150
13127-88-3	Phenol-d6	121.016		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	79.046		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	78.992		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163571BS	SDG No.:	BP092324
Lab Sample ID:	PB163571BS	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
BP021984.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.91		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	76.991		48-125		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75085	7.711				
1146-65-2	Naphthalene-d8	307864	10.475				
15067-26-2	Acenaphthene-d10	250312	14.322				
1517-22-2	Phenanthrene-d10	664200	17.122				
1719-03-5	Chrysene-d12	916192	21.551				
1520-96-3	Perylene-d12	1182765	24.851				

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163511TB	SDG No.:	BP092324
Lab Sample ID:	PB163511TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP021985.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163511TB	SDG No.:	BP092324
Lab Sample ID:	PB163511TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP021985.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163511TB	SDG No.:	BP092324
Lab Sample ID:	PB163511TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP021985.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.999		10-139		91	SPK: -150
13127-88-3	Phenol-d6	132.17		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	95.035		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	97.774		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163511TB	SDG No.:	BP092324
Lab Sample ID:	PB163511TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP021985.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.961		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	97.342		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102538	7.71				
1146-65-2	Naphthalene-d8	352981	10.475				
15067-26-2	Acenaphthene-d10	226377	14.328				
1517-22-2	Phenanthrene-d10	508700	17.122				
1719-03-5	Chrysene-d12	588618	21.545				
1520-96-3	Perylene-d12	660304	24.833				

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BL	SDG No.:	BP092324
Lab Sample ID:	PB163555BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021986.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

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

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BL	SDG No.:	BP092324
Lab Sample ID:	PB163555BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021986.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

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

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BL	SDG No.:	BP092324
Lab Sample ID:	PB163555BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021986.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	144.072		18-112		96	SPK: -150
13127-88-3	Phenol-d6	135.545		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	101.051		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	101.422		20-109		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BL	SDG No.:	BP092324
Lab Sample ID:	PB163555BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021986.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.505		10-116		100	SPK: -150
1718-51-0	Terphenyl-d14	104.178		10-105		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67621	7.71				
1146-65-2	Naphthalene-d8	232473	10.469				
15067-26-2	Acenaphthene-d10	153203	14.328				
1517-22-2	Phenanthrene-d10	344869	17.128				
1719-03-5	Chrysene-d12	424187	21.545				
1520-96-3	Perylene-d12	535932	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.875	

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BS	SDG No.:	BP092324
Lab Sample ID:	PB163555BS	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
BP021987.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		86.8	270	330	ug/Kg
110-86-1	Pyridine	1200		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	430		180	270	330	ug/Kg
62-53-3	Aniline	1400		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BS	SDG No.:	BP092324
Lab Sample ID:	PB163555BS	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
BP021987.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	26100		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1600		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BS	SDG No.:	BP092324
Lab Sample ID:	PB163555BS	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
BP021987.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1700		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	2600		160	270	330	ug/Kg
129-00-0	Pyrene	1600		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.985		18-112		93	SPK: -150
13127-88-3	Phenol-d6	127.703		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	90.919		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	90.025		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163555BS	SDG No.:	BP092324
Lab Sample ID:	PB163555BS	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
BP021987.D	1	9/20/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.864		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	93.204		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63250	7.71				
1146-65-2	Naphthalene-d8	243857	10.475				
15067-26-2	Acenaphthene-d10	186411	14.322				
1517-22-2	Phenanthrene-d10	463872	17.122				
1719-03-5	Chrysene-d12	558652	21.557				
1520-96-3	Perylene-d12	716164	24.845				

Hit Summary Sheet SW-846

SDG No.: BP092324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT2-2024								
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,1-Biphenyl	110.000	J	87.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2,4,5-Tetrachlorobenzene	110.000	J	86.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2,4-Trichlorobenzene	110.000	J	85.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2-Dichlorobenzene	120.000	J	84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,3-Dichlorobenzene	120.000	J	85.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dichlorobenzene	120.000	J	86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dioxane	110.000	J	110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1-Methylnaphthalene	110.000	J	83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,2-oxybis(1-Chloropropane)	120.000	J	90.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,3,4,6-Tetrachlorophenol	100.000	J	74.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4,5-Trichlorophenol	95.400	J	73.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4,6-Trichlorophenol	95.300	J	71.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dichlorophenol	100.000	J	75.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dinitrotoluene	93.900	J	86.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,6-Dinitrotoluene	90.200	J	83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Chloronaphthalene	110.000	J	83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Chlorophenol	120.000	J	83.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylnaphthalene	110.000	J	82.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylphenol	110.000	J	80.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Nitrophenol	100.000	J	94.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3+4-Methylphenols	100.000	J	79.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3-Nitroaniline	91.100	J	89.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Bromophenyl-phenylether	110.000	J	78.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chloro-3-methylphenol	98.700	J	77.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chloroaniline	120.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chlorophenyl-phenylether	110.000	J	85.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthene	110.000	J	81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthylene	120.000	J	86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acetophenone	120.000	J	86.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Aniline	140.000	J	96.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Anthracene	100.000	J	84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Atrazine	130.000	J	91.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Azobenzene	110.000	J	79.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)anthracene	110.000	J	80.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)pyrene	110.000	J	92.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(b)fluoranthene	100.000	J	81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(g,h,i)perylene	110.000	J	80	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP092324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(k)fluoranthene	110.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzyl Alcohol	120.000	J	82.9	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethoxy)methane	110.000	J	85.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethyl)ether	120.000	J	83.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Caprolactam	94.700	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Carbazole	110.000	J	80.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Chrysene	110.000	J	79.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Di-n-butylphthalate	96.200	J	84.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzo(a,h)anthracene	120.000	J	81.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzofuran	120.000	J	84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Diethylphthalate	110.000	J	80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dimethylphthalate	110.000	J	81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluoranthene	110.000	J	81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluorene	110.000	J	85.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobenzene	110.000	J	84.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobutadiene	110.000	J	83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachloroethane	110.000	J	82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	78	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Isophorone	110.000	J	84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitroso-di-n-propylamine	120.000		40.2	79.9	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodimethylamine	140.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodiphenylamine	100.000	J	81.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Naphthalene	110.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Nitrobenzene	120.000	J	90.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pentachlorophenol	87.100	J	77.2	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenanthrene	110.000	J	83.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenol	110.000	J	82.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyrene	93.700	J	82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyridine	98.000	J	79.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	184.000	J	169.2	340	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Total PAH	1,753.000	J	1323.5	2720	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,1-Biphenyl	280.000		87.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2,4,5-Tetrachlorobenzene	270.000		86.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2,4-Trichlorobenzene	260.000		85.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2-Dichlorobenzene	280.000		84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,3-Dichlorobenzene	280.000		85.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,4-Dichlorobenzene	280.000		86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,4-Dioxane	270.000		110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1-Methylnaphthalene	250.000		83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,2-oxybis(1-Chloropropane)	320.000		90.8	170	ug/Kg

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SDG No.: BP092324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,3,4,6-Tetrachlorophenol	260.000		74.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4,5-Trichlorophenol	240.000		73.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4,6-Trichlorophenol	250.000		71.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dichlorophenol	260.000		75.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dimethylphenol	210.000		93.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene	230.000		86.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,6-Dinitrotoluene	250.000		83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Chloronaphthalene	270.000		83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Chlorophenol	290.000		83.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Methylnaphthalene	270.000		82.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Methylphenol	280.000		80.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Nitroaniline	240.000		94.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Nitrophenol	250.000		94.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3+4-Methylphenols	260.000	J	79.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3,3-Dichlorobenzidine	260.000	J	98.5	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3-Nitroaniline	250.000		89.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4,6-Dinitro-2-methylphenol	230.000	J	120	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Bromophenyl-phenylether	260.000		78.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chloro-3-methylphenol	250.000		77.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chloroaniline	290.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chlorophenyl-phenylether	270.000		85.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Nitroaniline	240.000		110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Nitrophenol	230.000	J	120	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acenaphthene	260.000		81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acenaphthylene	290.000		86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acetophenone	290.000		86.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Aniline	330.000		96.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Anthracene	270.000		84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Atrazine	320.000		91.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Azobenzene	290.000		79.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzaldehyde	430.000		180	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzidine	410.000		160	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)anthracene	270.000		80.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)pyrene	280.000		92.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(b)fluoranthene	270.000		81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(g,h,i)perylene	250.000		80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(k)fluoranthene	280.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzyl Alcohol	290.000	J	82.9	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethoxy)methane	270.000		85.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethyl)ether	290.000		83.6	170	ug/Kg

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SDG No.: BP092324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Bis(2-ethylhexyl)phthalate	250.000		90.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Butylbenzylphthalate	250.000		96.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Caprolactam	240.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Carbazole	270.000		80.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Chrysene	270.000		79.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Di-n-butylphthalate	260.000		84.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Di-n-octyl phthalate	240.000	J	110	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dibenzo(a,h)anthracene	270.000		81.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dibenzofuran	280.000		84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Diethylphthalate	270.000		80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dimethylphthalate	270.000		81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluoranthene	260.000		81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluorene	270.000		85.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobenzene	260.000		84.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobutadiene	250.000		83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorocyclopentadiene	220.000	J	160	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachloroethane	270.000		82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Indeno(1,2,3-cd)pyrene	270.000		78	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Isophorone	280.000		84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitroso-di-n-propylamine	300.000		40.2	79.9	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitrosodimethylamine	260.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitrosodiphenylamine	270.000		81.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Naphthalene	270.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Nitrobenzene	280.000		90.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pentachlorophenol	220.000	J	77.2	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Phenanthrene	280.000		83.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Phenol	280.000		82.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pyrene	250.000		82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pyridine	240.000		79.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	480.000		169.2	340	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Total PAH	4,310.000		1323.5	2720	ug/Kg

Total Svoc :

34,991.30

Total Concentration:

34,991.30

Client ID : MDL-WATER-03-QT2-2024

P2403-09	MDL-WATER-03-QT2-2024	Water	1,1-Biphenyl	3.500	J	0.91	5	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	1,2,4,5-Tetrachlorobenzene	3.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	1,2,4-Trichlorobenzene	3.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	1,2-Dichlorobenzene	3.500	J	0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	1,3-Dichlorobenzene	3.500	J	0.8	5	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	1,4-Dichlorobenzene	3.500	J	0.84	5	ug/L

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SDG No.: BP092324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dioxane	3.400	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1-Methylnaphthalene	3.200	J	0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,2-oxybis(1-Chloropropane)	4.100	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,3,4,6-Tetrachlorophenol	3.100	J	0.79	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,5-Trichlorophenol	2.700	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,6-Trichlorophenol	3.000	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dichlorophenol	2.900	J	0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dimethylphenol	2.500	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene	2.600	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,6-Dinitrotoluene	2.900	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chloronaphthalene	3.400	J	0.97	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chlorophenol	3.700	J	0.71	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylnaphthalene	3.500	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylphenol	3.400	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitroaniline	2.700	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitrophenol	2.800	J	2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3+4-Methylphenols	3.200	J	1.2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3,3-Dichlorobenzidine	3.000	J	1.3	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3-Nitroaniline	2.700	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Bromophenyl-phenylether	3.200	J	0.95	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloro-3-methylphenol	3.000	J	0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloroaniline	3.500	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chlorophenyl-phenylether	3.200	J	0.98	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitroaniline	2.600	J	2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitrophenol	2.100	J	2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthene	3.200	J	0.81	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthylene	3.400	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acetophenone	3.500	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Aniline	4.200	J	1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Anthracene	3.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Atrazine	3.900	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Azobenzene	3.200	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzaldehyde	5.600	J	4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzidine	4.600	J	4.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	3.400	J	0.94	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	3.300	J	1.7	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	3.200	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	3.100	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	3.300	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzyl Alcohol	3.400	J	1.6	10	ug/L

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SDG No.: BP092324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethoxy)methane	3.500	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	3.600	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	3.000	J	1.9	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Butylbenzylphthalate	2.900	J	2.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Caprolactam	2.900	J	1.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Carbazole	3.200	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	3.400	J	0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-butylphthalate	3.000	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-octyl phthalate	2.700	J	2.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	3.400	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzofuran	3.500	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Diethylphthalate	3.200	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dimethylphthalate	3.300	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	3.200	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	3.200	J	0.96	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	3.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	3.200	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachloroethane	3.400	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	3.300	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Isophorone	3.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitroso-di-n-propylamine	3.700		1.5	2.5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	3.500	J	1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodiphenylamine	3.400	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	3.500	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Nitrobenzene	3.600	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	2.600	J	1.9	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	3.500	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenol	3.600	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	3.100	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyridine	3.000	J	1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.500	J	2.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	52.800	J	17.36	80	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,1-Biphenyl	8.500		0.91	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4,5-Tetrachlorobenzene	8.500		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4-Trichlorobenzene	7.900		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2-Dichlorobenzene	8.300		0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,3-Dichlorobenzene	8.300		0.8	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dichlorobenzene	8.400		0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dioxane	8.400		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1-Methylnaphthalene	7.500		0.86	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP092324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	2,2-oxybis(1-Chloropropane)	9.700		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,3,4,6-Tetrachlorophenol	8.000		0.79	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,5-Trichlorophenol	7.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,6-Trichlorophenol	7.300		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dichlorophenol	7.700		0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dimethylphenol	6.200		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene	7.200		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,6-Dinitrotoluene	7.100		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chloronaphthalene	8.200		0.97	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chlorophenol	8.600		0.71	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylnaphthalene	8.100		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylphenol	8.200		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitroaniline	7.200		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitrophenol	7.300		2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3+4-Methylphenols	7.900	J	1.2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3,3-Dichlorobenzidine	7.800	J	1.3	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3-Nitroaniline	7.500		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4,6-Dinitro-2-methylphenol	6.700	J	3.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Bromophenyl-phenylether	8.000		0.95	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloro-3-methylphenol	7.300		0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloroaniline	8.400		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chlorophenyl-phenylether	8.100		0.98	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitroaniline	7.400		2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitrophenol	6.700	J	2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthene	8.100		0.81	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthylene	8.700		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acetophenone	8.600		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Aniline	10.000		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Anthracene	7.900		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Atrazine	9.800		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Azobenzene	8.400		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzaldehyde	12.500		4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzidine	12.900		4.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	8.200		0.94	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	8.400		1.7	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	8.000		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	7.700		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	8.400		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzoic acid	5.600	J	5.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzyl Alcohol	8.500	J	1.6	10	ug/L

Hit Summary Sheet
SW-846

SDG No.: BP092324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethoxy)methane	8.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	8.900		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	7.800		1.9	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Butylbenzylphthalate	7.600		2.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Caprolactam	7.200	J	1.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Carbazole	8.000		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	8.200		0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-butylphthalate	7.700		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-octyl phthalate	7.800	J	2.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	8.400		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzofuran	8.500		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Diethylphthalate	8.100		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dimethylphthalate	8.200		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	7.600		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	8.100		0.96	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	7.700		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	7.600		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorocyclopentadiene	6.700	J	5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachloroethane	8.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	8.500		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Isophorone	8.200		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitroso-di-n-propylamine	9.000		1.5	2.5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	8.100	J	1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodiphenylamine	8.300		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	8.100		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Nitrobenzene	8.400		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	6.400	J	1.9	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	8.100		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenol	8.400		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	7.500		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyridine	7.000		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	14.300		2.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	129.000		17.36	80	ug/L
Total Svoc :			1,089.60				
Total Concentration:			1,089.60				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP091924 SAS No.: BP091924 SDG No.: BP091924
Instrument ID: _____ Calibration Date(s): 9/19/2024 : _____
Calibration Time(s): 12:55 : _____

LAB FILE ID:		RRF2.5 = BP021948.D			RRF005 = BP021949.D		RRF010 = BP021950.D	
		RRF020 = BP021951.D			RRF040 = BP021952.D		RRF050 = BP021953.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.695	0.631	0.625	0.605	0.591	0.622	5.8
Pyridine		1.259	1.202	1.162	1.165	1.131	1.179	3.5
2-Fluorophenol		1.087	1.063	1.107	1.059	1.021	1.064	2.6
Benzaldehyde		0.826	0.837	0.819	0.736	0.667	0.722	15.7
Aniline		1.243	1.213	1.205	1.207	1.185	1.214	1.6
Phenol-d6		1.346	1.337	1.392	1.363	1.346	1.382	3.6
Phenol		1.415	1.316	1.354	1.350	1.345	1.372	3.3
bis(2-Chloroethyl)ether		1.031	1.022	1.051	1.012	1.006	1.034	2.2
2-Chlorophenol		1.152	1.118	1.177	1.139	1.104	1.138	2.1
1,2-Dichlorobenzene		1.514	1.401	1.421	1.394	1.326	1.398	4.3
1,3-Dichlorobenzene		1.527	1.463	1.474	1.420	1.379	1.437	3.8
1,4-Dichlorobenzene		1.547	1.472	1.487	1.446	1.396	1.457	3.5
Benzyl Alcohol		0.991	1.029	1.041	1.061	1.089	1.060	4.1
2-Methylphenol		0.840	0.918	0.940	0.949	0.932	0.927	4.4
2,2-oxybis(1-Chloropropane)		1.175	1.097	1.127	1.092	1.075	1.102	3.5
Acetophenone		0.523	0.484	0.498	0.468	0.482	0.488	3.8
3+4-Methylphenols		1.247	1.279	1.291	1.321	1.326	1.309	3.1
n-Nitroso-di-n-propylamine	0.727	0.861	0.867	0.863	0.878	0.878	0.859	6.5
Nitrobenzene-d5		0.385	0.370	0.385	0.370	0.379	0.378	2.1
Hexachloroethane		0.564	0.529	0.542	0.537	0.515	0.536	3.0
Nitrobenzene		0.397	0.378	0.397	0.378	0.380	0.384	2.6
Isophorone		0.606	0.610	0.616	0.618	0.634	0.623	2.6
2-Nitrophenol		0.154	0.154	0.169	0.168	0.175	0.168	6.2
2,4-Dimethylphenol		0.194	0.186	0.195	0.193	0.196	0.194	2.5
bis(2-Chloroethoxy)methane		0.393	0.369	0.377	0.368	0.372	0.374	2.8
2,4-Dichlorophenol		0.312	0.318	0.331	0.335	0.332	0.330	3.5
1,2,4-Trichlorobenzene		0.431	0.417	0.416	0.402	0.402	0.411	3.0
Benzoic acid		0.184	0.202	0.218	0.235	0.250	0.227	11.9
Naphthalene		1.060	1.004	1.007	0.974	0.977	0.998	3.1
4-Chloroaniline		0.355	0.353	0.363	0.363	0.364	0.360	1.7
Hexachlorobutadiene		0.355	0.329	0.316	0.310	0.311	0.321	5.0
Caprolactam		0.094	0.096	0.093	0.099	0.102	0.098	4.1
4-Chloro-3-methylphenol		0.333	0.337	0.345	0.354	0.372	0.354	4.8
2-Methylnaphthalene		0.739	0.739	0.716	0.712	0.742	0.730	2.0
Hexachlorocyclopentadiene		0.259	0.252	0.263	0.254	0.257	0.260	2.8
2,4,6-Trichlorophenol		0.420	0.418	0.419	0.432	0.439	0.429	2.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP091924 SAS No.: BP091924 SDG No.: BP091924
Instrument ID: _____ Calibration Date(s): 9/19/2024 : _____
Calibration Time(s): 12:55 _____

LAB FILE ID:		RRF2.5 = BP021948.D		RRF005 = BP021949.D		RRF010 = BP021950.D		
		RRF020 = BP021951.D		RRF040 = BP021952.D		RRF050 = BP021953.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.479	1.395	1.368	1.328	1.329	1.370	4.0
2,4,5-Trichlorophenol		0.465	0.468	0.479	0.479	0.496	0.482	2.9
1,1-Biphenyl		1.434	1.392	1.390	1.321	1.328	1.364	3.3
2-Chloronaphthalene		1.144	1.123	1.109	1.077	1.077	1.103	2.5
2-Nitroaniline		0.263	0.281	0.300	0.316	0.315	0.301	7.3
Dimethylphthalate		1.500	1.483	1.430	1.433	1.434	1.451	2.3
Acenaphthylene		1.518	1.548	1.567	1.558	1.569	1.556	1.5
2,6-Dinitrotoluene		0.309	0.320	0.326	0.326	0.327	0.323	2.7
3-Nitroaniline		0.262	0.280	0.282	0.300	0.301	0.288	5.0
Acenaphthene		1.054	1.003	1.019	0.994	1.008	1.013	2.1
2,4-Dinitrophenol		0.161	0.168	0.173	0.194	0.203	0.189	11.7
4-Nitrophenol		0.213	0.232	0.254	0.267	0.268	0.251	8.5
Dibenzofuran		1.779	1.750	1.712	1.666	1.660	1.702	2.9
2,4-Dinitrotoluene		0.421	0.441	0.444	0.468	0.473	0.457	4.9
Diethylphthalate		1.488	1.502	1.445	1.434	1.461	1.474	2.5
4-Chlorophenyl-phenylether		0.847	0.844	0.818	0.795	0.804	0.828	2.7
Fluorene		1.461	1.447	1.413	1.394	1.388	1.421	1.9
4-Nitroaniline		0.285	0.306	0.316	0.329	0.328	0.317	5.4
4,6-Dinitro-2-methylphenol		0.095	0.106	0.114	0.119	0.121	0.116	10.7
n-Nitrosodiphenylamine		0.500	0.498	0.507	0.500	0.488	0.498	1.4
Azobenzene		1.205	1.250	1.243	1.205	1.213	1.220	1.8
2,4,6-Tribromophenol		0.357	0.367	0.350	0.361	0.378	0.371	4.7
4-Bromophenyl-phenylether		0.237	0.229	0.234	0.228	0.229	0.233	2.0
Hexachlorobenzene		0.297	0.286	0.293	0.285	0.283	0.291	2.2
Atrazine		0.207	0.205	0.202	0.160	0.166	0.178	14.3
Pentachlorophenol		0.176	0.185	0.192	0.198	0.201	0.196	6.4
Phenanthrene		0.993	0.962	0.975	0.946	0.942	0.960	2.2
Anthracene		0.939	0.919	0.944	0.926	0.916	0.929	1.8
Carbazole		0.905	0.903	0.912	0.914	0.878	0.898	2.0
Di-n-butylphthalate		1.039	1.038	1.021	1.029	1.044	1.054	3.4
Fluoranthene		1.356	1.367	1.325	1.339	1.304	1.340	1.7
Benzidine		0.294	0.295	0.188	0.404	0.201	0.244	38.1
Pyrene		1.166	1.166	1.192	1.215	1.237	1.210	3.0
Terphenyl-d14		1.048	1.039	1.024	1.063	1.057	1.065	3.2
Butylbenzylphthalate		0.406	0.403	0.405	0.433	0.438	0.432	6.6
3,3-Dichlorobenzidine		0.464	0.469	0.476	0.498	0.454	0.466	3.7

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.: BP091924 SAS No.: BP091924 SDG No.: BP091924
Instrument ID: _____ Calibration Date(s): 9/19/2024 : _____
Calibration Time(s): 12:55 _____

LAB FILE ID:		RRF2.5 = BP021948.D			RRF005 = BP021949.D		RRF010 = BP021950.D	
		RRF020 = BP021951.D			RRF040 = BP021952.D		RRF050 = BP021953.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.324	1.260	1.282	1.265	1.265	1.285	1.9
Chrysene		1.252	1.183	1.212	1.186	1.186	1.210	2.2
Bis(2-ethylhexyl)phthalate		0.615	0.611	0.588	0.610	0.630	0.633	6.6
Di-n-octyl phthalate		1.085	1.005	0.994	1.046	1.055	1.076	6.9
Benzo(b)fluoranthene		1.156	1.150	1.170	1.200	1.190	1.183	2.0
Benzo(k)fluoranthene		1.117	1.099	1.095	1.096	1.129	1.119	2.3
Benzo(a)pyrene		1.004	0.975	1.006	1.025	1.034	1.019	2.5
Indeno(1,2,3-cd)pyrene		1.386	1.302	1.324	1.325	1.307	1.330	2.1
Dibenzo(a,h)anthracene		1.153	1.103	1.085	1.081	1.058	1.098	2.6
Benzo(g,h,i)perylene		1.154	1.090	1.108	1.133	1.115	1.125	2.0
1,2,4,5-Tetrachlorobenzene		0.735	0.695	0.709	0.689	0.683	0.700	2.7
1,4-Dioxane		0.504	0.451	0.441	0.432	0.427	0.442	7.0
2,3,4,6-Tetrachlorophenol		0.452	0.470	0.458	0.458	0.469	0.465	2.7
1-Methylnaphthalene		0.733	0.728	0.709	0.704	0.729	0.721	2.0

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.: BP092324 SAS No.: BP092324 SDG NO.: BP092324

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BP021952.D Time Analyzed: 10:29

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	91883	7.716	358569	10.48	261486	14.33
UPPER LIMIT	183766	8.216	717138	10.975	522972	14.828
LOWER LIMIT	45941.5	7.216	179284.5	9.975	130743	13.828
EPA SAMPLE NO.						
01 PB163138BL	102576	7.68	359434	10.45	240083	14.32
02 PB163139BL	74719	7.71	253893	10.47	170443	14.32
03 MDL-SOIL-03-QT2-2024	82616	7.71	318886	10.48	259790	14.33
04 MDL-SOIL-03-QT2-2024	108513	7.72	425632	10.48	319143	14.32
05 MDL-WATER-03-QT2-2024	131223	7.71	520424	10.48	393173	14.32
06 MDL-WATER-03-QT2-2024	113061	7.71	444284	10.48	320524	14.32
07 PB163139BL	98936	7.71	342173	10.48	225444	14.33
08 PB163571BL	83830	7.67	288413	10.44	180364	14.31
09 PB163571BS	75085	7.71	307864	10.48	250312	14.32
10 PB163511TB	102538	7.71	352981	10.48	226377	14.33
11 PB163555BL	67621	7.71	232473	10.47	153203	14.33
12 PB163555BS	63250	7.71	243857	10.48	186411	14.32

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.: BP092324 SAS No.: BP092324 SDG NO.: BP092324

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BP021975.D Time Analyzed: 10:29

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	87069	7.71	360051	10.47	292122	14.33
UPPER LIMIT	174138	8.21	720102	10.969	584244	14.833
LOWER LIMIT	43534.5	7.21	180025.5	9.969	146061	13.833
EPA SAMPLE NO.						
01 PB163138BL	102576	7.68	359434	10.45	240083	14.32
02 PB163139BL	74719	7.71	253893	10.47	170443	14.32
03 MDL-SOIL-03-QT2-2024	82616	7.71	318886	10.48	259790	14.33
04 MDL-SOIL-03-QT2-2024	108513	7.72	425632	10.48	319143	14.32
05 MDL-WATER-03-QT2-2024	131223	7.71	520424	10.48	393173	14.32
06 MDL-WATER-03-QT2-2024	113061	7.71	444284	10.48	320524	14.32
07 PB163139BL	98936	7.71	342173	10.48	225444	14.33
08 PB163571BL	83830	7.67	288413	10.44	180364	14.31
09 PB163571BS	75085	7.71	307864	10.48	250312	14.32
10 PB163511TB	102538	7.71	352981	10.48	226377	14.33
11 PB163555BL	67621	7.71	232473	10.47	153203	14.33
12 PB163555BS	63250	7.71	243857	10.48	186411	14.32

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.: BP092324 SAS No.: BP092324 SDG NO.: BP092324

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BP021952.D Time Analyzed: 10:29

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	623363	17.139	722700	21.563	853679	24.868
UPPER LIMIT	1246726	17.639	1445400	22.063	1707358	25.368
LOWER LIMIT	311681.5	16.639	361350	21.063	426839.5	24.368
EPA SAMPLE NO.						
01 PB163138BL	538548	17.11	573086	21.53	627189	24.82
02 PB163139BL	380108	17.12	434852	21.55	535492	24.84
03 MDL-SOIL-03-QT2-2024	676864	17.12	900175	21.55	1.1287e+0	24.85
04 MDL-SOIL-03-QT2-2024	788764	17.12	953506	21.53	1.09586e+	24.83
05 MDL-WATER-03-QT2-2024	945454	17.12	1.16507e+	21.56	1.35272e+	24.85
06 MDL-WATER-03-QT2-2024	791065	17.12	972704	21.55	1.14059e+	24.85
07 PB163139BL	541145	17.12	653961	21.54	768319	24.83
08 PB163571BL	445041	17.13	556101	21.56	660809	24.86
09 PB163571BS	664200	17.12	916192	21.55	1.18277e+	24.85
10 PB163511TB	508700	17.12	588618	21.55	660304	24.83
11 PB163555BL	344869	17.13	424187	21.55	535932	24.84
12 PB163555BS	463872	17.12	558652	21.56	716164	24.85

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.: BP092324 SAS No.: BP092324 SDG NO.: BP092324

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BP021975.D Time Analyzed: 10:29

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	770589	17.115	950314	21.551	1.12353e+01	24.833
UPPER LIMIT	1541178	17.615	1900628	22.051	2247060	25.333
LOWER LIMIT	385294.5	16.615	475157	21.051	561765	24.333
EPA SAMPLE NO.						
01 PB163138BL	538548	17.11	573086	21.53	627189	24.82
02 PB163139BL	380108 *	17.12	434852 *	21.55	535492 *	24.84
03 MDL-SOIL-03-QT2-2024	676864	17.12	900175	21.55	1.1287e+0	24.85
04 MDL-SOIL-03-QT2-2024	788764	17.12	953506	21.53	1.09586e+	24.83
05 MDL-WATER-03-QT2-2024	945454	17.12	1.16507e+	21.56	1.35272e+	24.85
06 MDL-WATER-03-QT2-2024	791065	17.12	972704	21.55	1.14059e+	24.85
07 PB163139BL	541145	17.12	653961	21.54	768319	24.83
08 PB163571BL	445041	17.13	556101	21.56	660809	24.86
09 PB163571BS	664200	17.12	916192	21.55	1.18277e+	24.85
10 PB163511TB	508700	17.12	588618	21.55	660304	24.83
11 PB163555BL	344869 *	17.13	424187 *	21.55	535932 *	24.84
12 PB163555BS	463872	17.12	558652	21.56	716164	24.85

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092324

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163555BS	n-Nitrosodimethylamine	1700	1600	ug/Kg	94				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	430	ug/Kg	25				10	133	
	Aniline	1700	1400	ug/Kg	82				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	6100	ug/Kg	185		*		45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	26100	ug/Kg	96				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP092324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163555BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	2900	ug/Kg	85				60	106	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				47	152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	2600	ug/Kg	79				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092324

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163571BS	n-Nitrosodimethylamine	50	42.8	ug/L	86				55	108	
	Pyridine	50	31.2	ug/L	62				29	97	
	Benzaldehyde	50	10.9	ug/L	22				10	162	
	Aniline	50	41.4	ug/L	83				10	130	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	39.5	ug/L	79				62	103	
	2-Chlorophenol	50	43.4	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	38.6	ug/L	77				72	102	
	1,3-Dichlorobenzene	50	38.9	ug/L	78				71	103	
	1,4-Dichlorobenzene	50	38.9	ug/L	78				76	103	
	Benzyl Alcohol	50	45.9	ug/L	92				36	93	
	2-Methylphenol	50	44.2	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.1	ug/L	84				65	100	
	Acetophenone	50	37.9	ug/L	76				60	104	
	3+4-Methylphenols	50	43.4	ug/L	87				67	106	
	N-Nitroso-di-n-propylamine	50	42.6	ug/L	85				57	107	
	Hexachloroethane	50	41.8	ug/L	84				76	118	
	Nitrobenzene	50	38.2	ug/L	76				58	106	
	Isophorone	50	38.3	ug/L	77				61	102	
	2-Nitrophenol	50	40.1	ug/L	80				70	115	
	2,4-Dimethylphenol	50	52.3	ug/L	105				42	142	
	bis(2-Chloroethoxy)methane	50	39.4	ug/L	79				58	109	
	2,4-Dichlorophenol	50	43.7	ug/L	87				66	115	
	1,2,4-Trichlorobenzene	50	37.5	ug/L	75				41	115	
	Benzoic acid	50	36.2	ug/L	72				10	125	
	Naphthalene	50	39.2	ug/L	78				64	107	
	4-Chloroaniline	50	26.1	ug/L	52				10	85	
	Hexachlorobutadiene	50	39.6	ug/L	79				69	101	
	Caprolactam	50	39.3	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.9	ug/L	86				65	114	
	2-Methylnaphthalene	50	41.9	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100	150	ug/L	150				36	160	
	2,4,6-Trichlorophenol	50	40.7	ug/L	81				61	110	
	2,4,5-Trichlorophenol	50	39.3	ug/L	79				70	106	
	1,1-Biphenyl	50	38.4	ug/L	77				72	98	
	2-Chloronaphthalene	50	37.7	ug/L	75				59	106	
	2-Nitroaniline	50	43	ug/L	86				73	114	
	Dimethylphthalate	50	39.6	ug/L	79				64	103	
	Acenaphthylene	50	43.5	ug/L	87				79	103	
	2,6-Dinitrotoluene	50	38	ug/L	76				64	110	
	3-Nitroaniline	50	30.4	ug/L	61				28	100	
	Acenaphthene	50	41.3	ug/L	83				59	113	
	Total PAH	800	660.4	ug/L	83				59	113	
	2,4-Dinitrophenol	100	91.2	ug/L	91				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092324

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163571BS	4-Nitrophenol	100	88.4	ug/L	88				45	147		
	Dibenzofuran	50	42.4	ug/L	85				65	106		
	2,4-Dinitrotoluene	50	41.4	ug/L	83				60	115		
	2,4-Dinitrotoluene/2,6-Dinitro	100	79.4	ug/L	79				60	115		
	Diethylphthalate	50	42.7	ug/L	85				63	105		
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				61	104		
	Fluorene	50	42.5	ug/L	85				64	107		
	4-Nitroaniline	50	42.6	ug/L	85				55	125		
	4,6-Dinitro-2-methylphenol	50	40.6	ug/L	81				62	132		
	N-Nitrosodiphenylamine	50	41.2	ug/L	82				61	109		
	Azobenzene	50	45.8	ug/L	92				59	106		
	4-Bromophenyl-phenylether	50	40.4	ug/L	81				73	103		
	Hexachlorobenzene	50	39.5	ug/L	79				73	106		
	Atrazine	50	52	ug/L	104				76	120		
	Pentachlorophenol	100	82.7	ug/L	83				47	114		
	Phenanthrene	50	42	ug/L	84				62	109		
	Anthracene	50	44.8	ug/L	90				65	110		
	Carbazole	50	42.2	ug/L	84				62	106		
	Di-n-butylphthalate	50	42	ug/L	84				64	106		
	Fluoranthene	50	42.1	ug/L	84				64	110		
	Benzidine	100	79.8	ug/L	80				10	94		
	Pyrene	50	36.8	ug/L	74				71	103		
	Butylbenzylphthalate	50	40.1	ug/L	80				61	105		
	3,3-Dichlorobenzidine	50	32.3	ug/L	65				43	108		
	Benzo(a)anthracene	50	41.3	ug/L	83				62	107		
	Chrysene	50	41.7	ug/L	83				61	108		
	bis(2-Ethylhexyl)phthalate	50	42.2	ug/L	84				59	110		
	Di-n-octyl phthalate	50	45.4	ug/L	91				52	139		
	Benzo(b)fluoranthene	50	39.7	ug/L	79				77	113		
	Benzo(k)fluoranthene	50	40.9	ug/L	82				77	105		
	Benzo(a)pyrene	50	43.9	ug/L	88				72	131		
	Indeno(1,2,3-cd)pyrene	50	41.9	ug/L	84				72	105		
	Dibenz(a,h)anthracene	50	40.9	ug/L	82				78	115		
	Benzo(g,h,i)perylene	50	37.9	ug/L	76				75	118		
	1,2,4,5-Tetrachlorobenzene	50	38.1	ug/L	76				72	101		
	1,4-Dioxane	50	31.6	ug/L	63				38	125		
	2,3,4,6-Tetrachlorophenol	50	45.4	ug/L	91				63	116		
	1-Methylnaphthalene	50	39.4	ug/L	79				51	114		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163138BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092324

SAS No.: BP092324 SDG NO.: BP092324

Lab File ID: BP021976.D

Lab Sample ID: PB163138BL

Instrument ID: BNA_P

Date Extracted: 09/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 10:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT2-2024	P2403-03	BP021978.D	09/23/2024
MDL-SOIL-03-QT2-2024	P2403-03	BP021979.D	09/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163139BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092324

SAS No.: BP092324 SDG NO.: BP092324

Lab File ID: BP021982.D

Lab Sample ID: PB163139BL

Instrument ID: BNA_P

Date Extracted: 09/04/2024

Matrix: (soil/water) Water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 14:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT2-2024	P2403-09	BP021980.D	09/23/2024
MDL-WATER-03-QT2-2024	P2403-09	BP021981.D	09/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163555BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092324

SAS No.: BP092324 SDG NO.: BP092324

Lab File ID: BP021986.D

Lab Sample ID: PB163555BL

Instrument ID: BNA_P

Date Extracted: 09/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 17:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163555BS	PB163555BS	BP021987.D	09/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163571BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092324

SAS No.: BP092324 SDG NO.: BP092324

Lab File ID: BP021983.D

Lab Sample ID: PB163571BL

Instrument ID: BNA_P

Date Extracted: 09/20/2024

Matrix: (soil/water) water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 15:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163571BS	PB163571BS	BP021984.D	09/23/2024
PB163511TB	PB163511TB	BP021985.D	09/23/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP092324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)			
				(PPM)	(PPM)			Low	High		
P2403-03	MDL-SOIL-03-QT	BP021978.D	2-Fluorophenol	150	105.46	70		18	112		
		BP021979.D	2-Fluorophenol	150	124.05	83		18	112		
			Phenol-d6	150	126.31	84		15	107		
		BP021978.D	Phenol-d6	150	105.08	70		15	107		
			Nitrobenzene-d5	100	76.30	76		18	107		
		BP021979.D	Nitrobenzene-d5	100	91.19	91		18	107		
		BP021978.D	2-Fluorobiphenyl	100	72.18	72		20	109		
		BP021979.D	2-Fluorobiphenyl	100	88.06	88		20	109		
			2,4,6-Tribromophenol	150	135.62	90		10	116		
		BP021978.D	2,4,6-Tribromophenol	150	123.30	82		10	116		
			Terphenyl-d14	100	61.50	62		10	105		
		BP021979.D	Terphenyl-d14	100	79.24	79		10	105		
		PB163138BL	PB163138BL	BP021976.D	2-Fluorophenol	150	140.56	94		18	112
					Phenol-d6	150	134.62	90		15	107
	Nitrobenzene-d5			100	93.79	94		18	107		
	2-Fluorobiphenyl			100	95.05	95		20	109		
	2,4,6-Tribromophenol			150	123.55	82		10	116		
	Terphenyl-d14			100	100.46	100		10	105		

Surrogate Summary

SW-846

SDG No.: **BP092324**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-09	MDL-WATER-03-C	BP021980.D	2-Fluorophenol	150	104.33	70		10	139
		BP021981.D	2-Fluorophenol	150	123.11	82		10	139
		BP021980.D	Phenol-d6	150	106.01	71		10	134
		BP021981.D	Phenol-d6	150	124.13	83		10	134
		BP021980.D	Nitrobenzene-d5	100	74.65	75		49	133
		BP021981.D	Nitrobenzene-d5	100	90.05	90		49	133
			2-Fluorobiphenyl	100	89.61	90		52	132
		BP021980.D	2-Fluorobiphenyl	100	71.64	72		52	132
			2,4,6-Tribromophenol	150	107.30	72		44	137
		BP021981.D	2,4,6-Tribromophenol	150	132.93	89		44	137
		BP021980.D	Terphenyl-d14	100	62.90	63		48	125
		BP021981.D	Terphenyl-d14	100	77.68	78		48	125
PB163139BL	PB163139BL	BP021982.D	2-Fluorophenol	150	140.02	93		10	139
		BP021977.D	2-Fluorophenol	150	122.49	82		10	139
			Phenol-d6	150	114.19	76		10	134
		BP021982.D	Phenol-d6	150	131.20	87		10	134
			Nitrobenzene-d5	100	94.70	95		49	133
		BP021977.D	Nitrobenzene-d5	100	83.36	83		49	133
			2-Fluorobiphenyl	100	82.76	83		52	132
		BP021982.D	2-Fluorobiphenyl	100	95.94	96		52	132
			2,4,6-Tribromophenol	150	136.42	91		44	137
		BP021977.D	2,4,6-Tribromophenol	150	107.36	72		44	137
			Terphenyl-d14	100	85.54	86		48	125
		BP021982.D	Terphenyl-d14	100	97.77	98		48	125

Surrogate Summary

SW-846

SDG No.: **BP092324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163555BL	PB163555BL	BP021986.D	2-Fluorophenol	150	144.07	96		18	112
			Phenol-d6	150	135.55	90		15	107
			Nitrobenzene-d5	100	101.05	101		18	107
			2-Fluorobiphenyl	100	101.42	101		20	109
			2,4,6-Tribromophenol	150	149.51	100		10	116
			Terphenyl-d14	100	104.18	104		10	105
PB163555BS	PB163555BS	BP021987.D	2-Fluorophenol	150	138.99	93		18	112
			Phenol-d6	150	127.70	85		15	107
			Nitrobenzene-d5	100	90.92	91		18	107
			2-Fluorobiphenyl	100	90.03	90		20	109
			2,4,6-Tribromophenol	150	147.86	99		10	116
			Terphenyl-d14	100	93.20	93		10	105

Surrogate Summary

SW-846

SDG No.: **BP092324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163511TB	PB163511TB	BP021985.D	2-Fluorophenol	150	137.00	91		10	139
			Phenol-d6	150	132.17	88		10	134
			Nitrobenzene-d5	100	95.04	95		49	133
			2-Fluorobiphenyl	100	97.77	98		52	132
			2,4,6-Tribromophenol	150	132.96	89		44	137
			Terphenyl-d14	100	97.34	97		48	125
PB163571BL	PB163571BL	BP021983.D	2-Fluorophenol	150	139.10	93		10	139
			Phenol-d6	150	128.63	86		10	134
			Nitrobenzene-d5	100	91.73	92		49	133
			2-Fluorobiphenyl	100	96.27	96		52	132
			2,4,6-Tribromophenol	150	157.26	105		44	137
			Terphenyl-d14	100	101.26	101		48	125
PB163571BS	PB163571BS	BP021984.D	2-Fluorophenol	150	128.02	85		10	139
			Phenol-d6	150	121.02	81		10	134
			Nitrobenzene-d5	100	79.05	79		49	133
			2-Fluorobiphenyl	100	78.99	79		52	132
			2,4,6-Tribromophenol	150	139.91	93		44	137
			Terphenyl-d14	100	76.99	77		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP092324

Lab Code: CHEM

SAS No.: BP092324 SDG NO.: BP092324

Lab File ID: BP021974.D

DFTPP Injection Date: 09/23/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.8
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	27.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP021975.D	09/23/2024	09:39
PB163138BL	PB163138BL	BP021976.D	09/23/2024	10:29
PB163139BL	PB163139BL	BP021977.D	09/23/2024	11:09
MDL-SOIL-03-QT2-2024	P2403-03	BP021978.D	09/23/2024	11:50
MDL-SOIL-03-QT2-2024	P2403-03	BP021979.D	09/23/2024	12:30
MDL-WATER-03-QT2-2024	P2403-09	BP021980.D	09/23/2024	13:11
MDL-WATER-03-QT2-2024	P2403-09	BP021981.D	09/23/2024	13:51
PB163139BL	PB163139BL	BP021982.D	09/23/2024	14:32
PB163571BL	PB163571BL	BP021983.D	09/23/2024	15:28
PB163571BS	PB163571BS	BP021984.D	09/23/2024	16:09
PB163511TB	PB163511TB	BP021985.D	09/23/2024	16:49
PB163555BL	PB163555BL	BP021986.D	09/23/2024	17:30
PB163555BS	PB163555BS	BP021987.D	09/23/2024	18:11
SSTDCCC040EC	SSTDCCC040	BP021988.D	09/23/2024	18:52