

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102524 SAS No.: BM102524 SDG No.: BM102524

Instrument ID: BNA_M Calibration Date/Time: 10/25/2024 : 08:49

Lab File ID: BM048228.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	0.549	0.536		-2.368	
Pyridine	1.294	1.251		-3.323	
2-Fluorophenol	1.190	1.150		-3.361	
Benzaldehyde	0.761	0.656		-13.798	
Aniline	1.286	1.289		0.233	
Phenol-d6	1.550	1.488		-4.0	
Phenol	1.559	1.504		-3.528	20.0
bis(2-Chloroethyl)ether	1.242	1.206		-2.899	
2-Chlorophenol	1.293	1.249		-3.403	
1,2-Dichlorobenzene	1.463	1.425		-2.597	
1,3-Dichlorobenzene	1.490	1.451		-2.617	
1,4-Dichlorobenzene	1.514	1.477		-2.444	20.0
Benzyl Alcohol	0.989	0.941		-4.853	
2-Methylphenol	1.036	0.994		-4.054	
2,2-oxybis(1-Chloropropane)	1.816	1.761		-3.029	
Acetophenone	0.488	0.480		-1.639	
3+4-Methylphenols	1.435	1.367		-4.739	
n-Nitroso-di-n-propylamine	0.980	0.926	0.050	-5.51	
Nitrobenzene-d5	0.354	0.351		-0.847	
Hexachloroethane	0.555	0.537		-3.243	
Nitrobenzene	0.367	0.362		-1.362	
Isophorone	0.649	0.616		-5.085	
2-Nitrophenol	0.169	0.167		-1.183	20.0
2,4-Dimethylphenol	0.206	0.201		-2.427	
bis(2-Chloroethoxy)methane	0.411	0.404		-1.703	
2,4-Dichlorophenol	0.296	0.294		-0.676	20.0
1,2,4-Trichlorobenzene	0.339	0.336		-0.885	
Benzoic acid	0.229	0.214		-6.55	
Naphthalene	1.043	1.014		-2.78	
4-Chloroaniline	0.338	0.347		2.663	
Hexachlorobutadiene	0.210	0.208		-0.952	20.0
Caprolactam	0.096	0.088		-8.333	
4-Chloro-3-methylphenol	0.309	0.294		-4.854	20.0
2-Methylnaphthalene	0.697	0.672		-3.587	
Hexachlorocyclopentadiene	0.193	0.203	0.050	5.181	
2,4,6-Trichlorophenol	0.379	0.380		0.264	20.0
2-Fluorobiphenyl	1.303	1.310		0.537	
2,4,5-Trichlorophenol	0.423	0.425		0.473	
1,1-Biphenyl	1.428	1.430		0.14	

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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	1.126	1.129		0.266	
2-Nitroaniline	0.305	0.306		0.328	
Dimethylphthalate	1.365	1.301		-4.689	
Acenaphthylene	1.643	1.624		-1.156	
2,6-Dinitrotoluene	0.305	0.299		-1.967	
3-Nitroaniline	0.287	0.295		2.787	
Acenaphthene	1.044	1.027		-1.628	20.0
2,4-Dinitrophenol	0.178	0.163	0.050	-8.427	
4-Nitrophenol	0.256	0.244	0.050	-4.688	
Dibenzofuran	1.658	1.615		-2.593	
2,4-Dinitrotoluene	0.402	0.396		-1.493	
Diethylphthalate	1.382	1.330		-3.763	
4-Chlorophenyl-phenylether	0.656	0.650		-0.915	
Fluorene	1.311	1.289		-1.678	
4-Nitroaniline	0.297	0.299		0.673	
4,6-Dinitro-2-methylphenol	0.116	0.117		0.862	
n-Nitrosodiphenylamine	0.549	0.548		-0.182	20.0
Azobenzene	1.239	1.250		0.888	
2,4,6-Tribromophenol	0.245	0.240		-2.041	
4-Bromophenyl-phenylether	0.203	0.201		-0.985	
Hexachlorobenzene	0.244	0.241		-1.23	
Atrazine	0.154	0.143		-7.143	
Pentachlorophenol	0.160	0.163		1.875	20.0
Phenanthrene	0.990	0.970		-2.02	
Anthracene	0.959	0.957		-0.209	
Carbazole	0.940	0.903		-3.936	
Di-n-butylphthalate	1.170	1.145		-2.137	
Fluoranthene	1.181	1.133		-4.064	20.0
Benzidine	0.231	0.288		24.675	
Pyrene	1.339	1.344		0.373	
Terphenyl-d14	0.980	1.001		2.143	
Butylbenzylphthalate	0.560	0.554		-1.071	
3,3-Dichlorobenzidine	0.438	0.422		-3.653	
Benzo(a)anthracene	1.278	1.251		-2.113	
Chrysene	1.227	1.200		-2.2	
Bis(2-ethylhexyl)phthalate	0.814	0.808		-0.737	
Di-n-octyl phthalate	1.409	1.351		-4.116	20.0
Benzo(b)fluoranthene	1.147	1.151		0.349	
Benzo(k)fluoranthene	1.109	1.117		0.721	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102524 SAS No.: BM102524 SDG No.: BM102524

Instrument ID: BNA_M Calibration Date/Time: 10/25/2024 : 08:49

Lab File ID: BM048228.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	0.997	0.998		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.323	1.323		0.0	
Dibenzo(a,h)anthracene	1.101	1.112		0.999	
Benzo(g,h,i)perylene	1.128	1.131		0.266	
1,2,4,5-Tetrachlorobenzene	0.572	0.576		0.699	
1,4-Dioxane	0.487	0.470		-3.491	20.0
2,3,4,6-Tetrachlorophenol	0.351	0.345		-1.709	
1-Methylnaphthalene	0.691	0.667		-3.473	

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.: BM102524 SAS No.: BM102524 SDG No.: BM102524

Instrument ID: BNA_M Calibration Date/Time: 10/25/2024 : 17:00

Lab File ID: BM048239.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	0.549	0.570		3.825	50.0
Pyridine	1.294	1.307		1.005	50.0
2-Fluorophenol	1.190	1.176		-1.176	50.0
Benzaldehyde	0.761	0.774		1.708	50.0
Aniline	1.286	1.363		5.988	50.0
Phenol-d6	1.550	1.559		0.581	50.0
Phenol	1.559	1.572		0.834	50.0
bis(2-Chloroethyl) ether	1.242	1.257		1.208	50.0
2-Chlorophenol	1.293	1.293		0.0	50.0
1,2-Dichlorobenzene	1.463	1.442		-1.435	50.0
1,3-Dichlorobenzene	1.490	1.471		-1.275	50.0
1,4-Dichlorobenzene	1.514	1.501		-0.859	50.0
Benzyl Alcohol	0.989	1.031		4.247	50.0
2-Methylphenol	1.036	1.056		1.931	50.0
2,2-oxybis(1-Chloropropane)	1.816	1.837		1.156	50.0
Acetophenone	0.488	0.492		0.82	50.0
3+4-Methylphenols	1.435	1.462		1.882	50.0
n-Nitroso-di-n-propylamine	0.980	0.981	0.050	0.102	50.0
Nitrobenzene-d5	0.354	0.364		2.825	50.0
Hexachloroethane	0.555	0.548		-1.261	50.0
Nitrobenzene	0.367	0.374		1.907	50.0
Isophorone	0.649	0.657		1.233	50.0
2-Nitrophenol	0.169	0.179		5.917	50.0
2,4-Dimethylphenol	0.206	0.212		2.913	50.0
bis(2-Chloroethoxy) methane	0.411	0.421		2.433	50.0
2,4-Dichlorophenol	0.296	0.307		3.716	50.0
1,2,4-Trichlorobenzene	0.339	0.339		0.0	50.0
Benzoic acid	0.229	0.247		7.86	50.0
Naphthalene	1.043	1.037		-0.575	50.0
4-Chloroaniline	0.338	0.367		8.58	50.0
Hexachlorobutadiene	0.210	0.211		0.476	50.0
Caprolactam	0.096	0.102		6.25	50.0
4-Chloro-3-methylphenol	0.309	0.320		3.56	50.0
2-Methylnaphthalene	0.697	0.696		-0.143	50.0
Hexachlorocyclopentadiene	0.193	0.201	0.050	4.145	50.0
2,4,6-Trichlorophenol	0.379	0.396		4.485	50.0
2-Fluorobiphenyl	1.303	1.283		-1.535	50.0
2,4,5-Trichlorophenol	0.423	0.440		4.019	50.0
1,1-Biphenyl	1.428	1.424		-0.28	50.0

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.126	1.124		-0.178	50.0
2-Nitroaniline	0.305	0.334		9.508	50.0
Dimethylphthalate	1.365	1.375		0.733	50.0
Acenaphthylene	1.643	1.655		0.73	50.0
2,6-Dinitrotoluene	0.305	0.318		4.262	50.0
3-Nitroaniline	0.287	0.330		14.983	50.0
Acenaphthene	1.044	1.043		-0.096	50.0
2,4-Dinitrophenol	0.178	0.186	0.050	4.494	50.0
4-Nitrophenol	0.256	0.277	0.050	8.203	50.0
Dibenzofuran	1.658	1.638		-1.206	50.0
2,4-Dinitrotoluene	0.402	0.436		8.458	50.0
Diethylphthalate	1.382	1.405		1.664	50.0
4-Chlorophenyl-phenylether	0.656	0.647		-1.372	50.0
Fluorene	1.311	1.290		-1.602	50.0
4-Nitroaniline	0.297	0.339		14.141	50.0
4,6-Dinitro-2-methylphenol	0.116	0.129		11.207	50.0
n-Nitrosodiphenylamine	0.549	0.561		2.186	50.0
Azobenzene	1.239	1.290		4.116	50.0
2,4,6-Tribromophenol	0.245	0.248		1.224	50.0
4-Bromophenyl-phenylether	0.203	0.204		0.493	50.0
Hexachlorobenzene	0.244	0.243		-0.41	50.0
Atrazine	0.154	0.141		-8.442	50.0
Pentachlorophenol	0.160	0.170		6.25	50.0
Phenanthrene	0.990	0.983		-0.707	50.0
Anthracene	0.959	0.968		0.938	50.0
Carbazole	0.940	0.956		1.702	50.0
Di-n-butylphthalate	1.170	1.221		4.359	50.0
Fluoranthene	1.181	1.148		-2.794	50.0
Benzidine	0.231	0.379		64.069	50.0
Pyrene	1.339	1.452		8.439	50.0
Terphenyl-d14	0.980	1.049		7.041	50.0
Butylbenzylphthalate	0.560	0.624		11.429	50.0
3,3-Dichlorobenzidine	0.438	0.451		2.968	50.0
Benzo(a)anthracene	1.278	1.306		2.191	50.0
Chrysene	1.227	1.241		1.141	50.0
Bis(2-ethylhexyl)phthalate	0.814	0.879		7.985	50.0
Di-n-octyl phthalate	1.409	1.464		3.903	50.0
Benzo(b)fluoranthene	1.147	1.183		3.139	50.0
Benzo(k)fluoranthene	1.109	1.173		5.771	50.0

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	1.023		2.608	50.0
Indeno(1,2,3-cd)pyrene	1.323	1.263		-4.535	50.0
Dibenzo(a,h)anthracene	1.101	1.051		-4.541	50.0
Benzo(g,h,i)perylene	1.128	1.057		-6.294	50.0
1,2,4,5-Tetrachlorobenzene	0.572	0.578		1.049	50.0
1,4-Dioxane	0.487	0.466		-4.312	50.0
2,3,4,6-Tetrachlorophenol	0.351	0.357		1.709	50.0
1-Methylnaphthalene	0.691	0.687		-0.579	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BM102524
Lab Sample ID:	PB164382BL	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
BM048229.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BM102524
Lab Sample ID:	PB164382BL	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
BM048229.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BM102524
Lab Sample ID:	PB164382BL	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
BM048229.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

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	148.048		10-139		99	SPK: -150
13127-88-3	Phenol-d6	136.891		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	95.47		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	96.176		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BM102524
Lab Sample ID:	PB164382BL	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
BM048229.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.795		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	106.374		48-125		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221062	7.716				
1146-65-2	Naphthalene-d8	804099	10.51				
15067-26-2	Acenaphthene-d10	478139	14.363				
1517-22-2	Phenanthrene-d10	895440	17.104				
1719-03-5	Chrysene-d12	702826	21.333				
1520-96-3	Perylene-d12	737871	24.28				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048230.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.4	J	1	8	10	ug/L
110-86-1	Pyridine	3	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.1	J	4	8	10	ug/L
62-53-3	Aniline	4.4	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	3.7	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	3.6	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	3.3	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.2	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.9	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.6	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	3.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.5	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	2.9	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.1	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.3	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.4	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	3.4	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.5	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.3	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048230.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2.4	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2.9	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.3	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2.9	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	3.6	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.3	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	2.8	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.3	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	3.5	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.7	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	2.6	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.3	J	0.81	4	5	ug/L
Total PAH	Total PAH	52.7	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	U	2	8	10	ug/L
132-64-9	Dibenzofuran	3.5	J	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.2	J	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	3.1	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.4	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.3	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	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	3.3	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.1	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.3	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.3	J	1.1	4	5	ug/L
1912-24-9	Atrazine	3.8	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048230.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.5	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	3.5	J	0.89	4	5	ug/L
120-12-7	Anthracene	3.2	J	1.1	4	5	ug/L
86-74-8	Carbazole	3	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.9	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	3.1	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	3.4	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	2.8	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	2.8	J	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	3.3	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.5	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.2	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.1	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.1	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.5	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	3.6	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.2	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	105.477		10-139		70	SPK: -150
13127-88-3	Phenol-d6	107.369		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	75.034		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	71.506		52-132		72	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048230.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.447		44-137		68	SPK: -150
1718-51-0	Terphenyl-d14	66.762		48-125		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	309405	7.716				
1146-65-2	Naphthalene-d8	1270558	10.51				
15067-26-2	Acenaphthene-d10	813145	14.363				
1517-22-2	Phenanthrene-d10	1579972	17.103				
1719-03-5	Chrysene-d12	1330868	21.333				
1520-96-3	Perylene-d12	1387185	24.279				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048231.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.2	J	1	8	10	ug/L
110-86-1	Pyridine	7.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.2		4	8	10	ug/L
62-53-3	Aniline	10.4		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	8.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.5		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	8.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	8	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9		1.4	4	5	ug/L
98-86-2	Acetophenone	8.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	7.7	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.1		1	4	5	ug/L
98-95-3	Nitrobenzene	8.4		1.3	4	5	ug/L
78-59-1	Isophorone	8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	5.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8		1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	8.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	7.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048231.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.6	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5.3	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.4		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	8.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8		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	6.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	8		0.81	4	5	ug/L
Total PAH	Total PAH	130.2		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	5.5	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	6.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	7.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.2		0.98	4	5	ug/L
86-73-7	Fluorene	8.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	6.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.1	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.2		0.89	4	5	ug/L
103-33-3	Azobenzene	8.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8		1.1	4	5	ug/L
1912-24-9	Atrazine	9.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048231.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.7	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.4		0.89	4	5	ug/L
120-12-7	Anthracene	7.9		1.1	4	5	ug/L
86-74-8	Carbazole	7.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	7.7		1.3	4	5	ug/L
92-87-5	Benzidine	9.5	J	4.1	8	10	ug/L
129-00-0	Pyrene	7.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	7.9	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.1		0.94	4	5	ug/L
218-01-9	Chrysene	8.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	6.5	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	7.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	7.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.298		10-139		84	SPK: -150
13127-88-3	Phenol-d6	126.403		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	91.487		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	88.579		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-09	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
BM048231.D	1	10/24/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.923		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	80.125		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227983	7.716				
1146-65-2	Naphthalene-d8	918288	10.51				
15067-26-2	Acenaphthene-d10	575648	14.363				
1517-22-2	Phenanthrene-d10	1139804	17.104				
1719-03-5	Chrysene-d12	1026711	21.327				
1520-96-3	Perylene-d12	1112637	24.28				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048232.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	21.7		1	8	10	ug/L
110-86-1	Pyridine	17.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	6.1	J	4	8	10	ug/L
62-53-3	Aniline	21.8		1.6	4	5	ug/L
108-95-2	Phenol	21.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	21.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	21.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	22.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	21.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21.4		1.4	4	5	ug/L
98-86-2	Acetophenone	20.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	20.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	19.6		1	4	5	ug/L
98-95-3	Nitrobenzene	20.2		1.3	4	5	ug/L
78-59-1	Isophorone	20.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	21.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	26.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	21.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	18.3		5.5	8	10	ug/L
91-20-3	Naphthalene	19.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	19.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048232.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	17.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	19.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	20.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	87.1	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	22.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	21.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	20.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	20.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	21.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	20.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	22.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	19.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	12.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	20.7		0.81	4	5	ug/L
Total PAH	Total PAH	344.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	40.7		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	40.7		2	8	10	ug/L
132-64-9	Dibenzofuran	20.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	20		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	39.7		2.7	4	10	ug/L
84-66-2	Diethylphthalate	19.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19.9		0.98	4	5	ug/L
86-73-7	Fluorene	19.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	19.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	22.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	22.9		0.89	4	5	ug/L
103-33-3	Azobenzene	20.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	22.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	21.2		1.1	4	5	ug/L
1912-24-9	Atrazine	27.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048232.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	41.7		1.9	8	10	ug/L
85-01-8	Phenanthrene	21.5		0.89	4	5	ug/L
120-12-7	Anthracene	22.6		1.1	4	5	ug/L
86-74-8	Carbazole	20.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	20.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	18.8		1.3	4	5	ug/L
92-87-5	Benzidine	45.7		4.1	8	10	ug/L
129-00-0	Pyrene	24.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	22.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	14.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	22.1		0.94	4	5	ug/L
218-01-9	Chrysene	21.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	22.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	21.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	21.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	21.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	23		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	22.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	22.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	20.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	17.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	20.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	18.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	64.702		10-139		43	SPK: -150
13127-88-3	Phenol-d6	59.655		10-134		40	SPK: -150
4165-60-0	Nitrobenzene-d5	40.92	*	49-133		41	SPK: -100
321-60-8	2-Fluorobiphenyl	41.24	*	52-132		41	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048232.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.749	*	44-137		37	SPK: -150
1718-51-0	Terphenyl-d14	48.227		48-125		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	603416	7.716				
1146-65-2	Naphthalene-d8	2299200	10.51				
15067-26-2	Acenaphthene-d10	1298776	14.368				
1517-22-2	Phenanthrene-d10	2277273	17.109				
1719-03-5	Chrysene-d12	1649364	21.339				
1520-96-3	Perylene-d12	1859426	24.285				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BSD	SDG No.:	BM102524
Lab Sample ID:	PB164369BSD	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
BM048233.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	48.5		1	8	10	ug/L
110-86-1	Pyridine	40.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.2		4	8	10	ug/L
62-53-3	Aniline	49.3		1.6	4	5	ug/L
108-95-2	Phenol	49.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.4		1.4	4	5	ug/L
98-86-2	Acetophenone	47.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.1		1	4	5	ug/L
98-95-3	Nitrobenzene	46.8		1.3	4	5	ug/L
78-59-1	Isophorone	47.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	60.9		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	42.8		5.5	8	10	ug/L
91-20-3	Naphthalene	46.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BSD	SDG No.:	BM102524
Lab Sample ID:	PB164369BSD	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
BM048233.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	41.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	210	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	49.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	48.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.8		0.81	4	5	ug/L
Total PAH	Total PAH	811.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	96.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	96.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.6		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.6		1.5	4	5	ug/L
84-66-2	Diethylphthalate	46.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.7		0.98	4	5	ug/L
86-73-7	Fluorene	45.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	52.9		0.89	4	5	ug/L
103-33-3	Azobenzene	48.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	50.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	49.4		1.1	4	5	ug/L
1912-24-9	Atrazine	64.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BSD	SDG No.:	BM102524
Lab Sample ID:	PB164369BSD	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
BM048233.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.2		0.89	4	5	ug/L
120-12-7	Anthracene	52.6		1.1	4	5	ug/L
86-74-8	Carbazole	47.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.3		1.3	4	5	ug/L
92-87-5	Benzidine	100	E	4.1	8	10	ug/L
129-00-0	Pyrene	54.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.9		0.94	4	5	ug/L
218-01-9	Chrysene	50.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	52.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	40		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	146.189		10-139		97	SPK: -150
13127-88-3	Phenol-d6	135.141		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	94.819		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	96.484		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BSD	SDG No.:	BM102524
Lab Sample ID:	PB164369BSD	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
BM048233.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.986		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	109.621		48-125		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239298	7.716				
1146-65-2	Naphthalene-d8	913341	10.504				
15067-26-2	Acenaphthene-d10	513456	14.363				
1517-22-2	Phenanthrene-d10	916015	17.104				
1719-03-5	Chrysene-d12	699111	21.333				
1520-96-3	Perylene-d12	737917	24.28				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BM102524
Lab Sample ID:	PB164401BL	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
BM048234.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BM102524
Lab Sample ID:	PB164401BL	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
BM048234.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BM102524
Lab Sample ID:	PB164401BL	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
BM048234.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	143.929		18-112		96	SPK: -150
13127-88-3	Phenol-d6	133.209		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	91.197		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	92.717		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BM102524
Lab Sample ID:	PB164401BL	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
BM048234.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.509		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	103.157		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229916	7.716				
1146-65-2	Naphthalene-d8	860640	10.51				
15067-26-2	Acenaphthene-d10	505079	14.363				
1517-22-2	Phenanthrene-d10	948134	17.104				
1719-03-5	Chrysene-d12	738347	21.333				
1520-96-3	Perylene-d12	773041	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.84	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048235.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	97.4	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	150	J	96.9	130	170	ug/Kg
108-95-2	Phenol	120	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	120	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	110	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	110	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	120	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	100	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	120	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	120	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	110	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	97.2	J	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	110	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	100	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	120	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	110	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048235.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	87.6	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.9	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99.1	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.7	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	120	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	110	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	110	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	120	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.4	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	110	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	1770	J	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	110	J	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	100	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	110	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	110	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	110	J	85	130	170	ug/Kg
1912-24-9	Atrazine	130	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048235.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	120	J	84	130	170	ug/Kg
120-12-7	Anthracene	110	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	100	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	98	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	100	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	110	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	110	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	94.3	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	110	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.677		18-112		70	SPK: -150
13127-88-3	Phenol-d6	107.674		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	74.887		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	70.904		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048235.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.327		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	65.184		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304315	7.716				
1146-65-2	Naphthalene-d8	1250763	10.504				
15067-26-2	Acenaphthene-d10	802338	14.363				
1517-22-2	Phenanthrene-d10	1572652	17.104				
1719-03-5	Chrysene-d12	1387154	21.327				
1520-96-3	Perylene-d12	1501452	24.28				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048236.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	250		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	400		180	270	330	ug/Kg
62-53-3	Aniline	350		96.9	130	170	ug/Kg
108-95-2	Phenol	280		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	290		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	280		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	280		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	280		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	270	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	250		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	280		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	260	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	270		83	130	170	ug/Kg
98-95-3	Nitrobenzene	280		90.8	130	170	ug/Kg
78-59-1	Isophorone	270		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	250		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	190		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	260		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	270		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	300		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	260		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048236.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	220	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	270		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	290		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	270		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	250		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	260		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	290		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	240		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	240		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	270		81.1	130	170	ug/Kg
Total PAH	Total PAH	4360		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	190	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	280		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	470		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	230		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	250		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270		85.6	130	170	ug/Kg
86-73-7	Fluorene	270		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	210		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270		81.6	130	170	ug/Kg
103-33-3	Azobenzene	270		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	270		85	130	170	ug/Kg
1912-24-9	Atrazine	330		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
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
BM048236.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	280		84	130	170	ug/Kg
120-12-7	Anthracene	260		84.4	130	170	ug/Kg
86-74-8	Carbazole	260		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	250		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	250		81.7	130	170	ug/Kg
92-87-5	Benzidine	350		160	270	330	ug/Kg
129-00-0	Pyrene	270		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	240		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	270		80.7	130	170	ug/Kg
218-01-9	Chrysene	270		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	220	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	280		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	280		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	250		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.545		18-112		83	SPK: -150
13127-88-3	Phenol-d6	125.881		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	92.007		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	88.622		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BM102524
Lab Sample ID:	P4368-03	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
BM048236.D	1	10/25/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.472		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	80.45		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248197	7.716				
1146-65-2	Naphthalene-d8	994379	10.504				
15067-26-2	Acenaphthene-d10	618564	14.363				
1517-22-2	Phenanthrene-d10	1213573	17.104				
1719-03-5	Chrysene-d12	1085827	21.327				
1520-96-3	Perylene-d12	1182885	24.28				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048237.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.1		1	8	10	ug/L
110-86-1	Pyridine	42.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13.7		4	8	10	ug/L
62-53-3	Aniline	46.9		1.6	4	5	ug/L
108-95-2	Phenol	47.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.2		1.4	4	5	ug/L
98-86-2	Acetophenone	48.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.9		1	4	5	ug/L
98-95-3	Nitrobenzene	47.7		1.3	4	5	ug/L
78-59-1	Isophorone	47		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	59.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	40.6		5.5	8	10	ug/L
91-20-3	Naphthalene	47		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048237.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	39.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	210	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49		1	4	5	ug/L
92-52-4	1,1-Biphenyl	50.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.6		0.81	4	5	ug/L
Total PAH	Total PAH	815.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	93.4	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	94.8	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.6		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	45.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	91.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.1		0.98	4	5	ug/L
86-73-7	Fluorene	47		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	53.1		0.89	4	5	ug/L
103-33-3	Azobenzene	49.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	49.6		1.1	4	5	ug/L
1912-24-9	Atrazine	63.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048237.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.9	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.8		0.89	4	5	ug/L
120-12-7	Anthracene	53.8		1.1	4	5	ug/L
86-74-8	Carbazole	48.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.4		1.3	4	5	ug/L
92-87-5	Benzidine	97.5	E	4.1	8	10	ug/L
129-00-0	Pyrene	50.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.3		0.94	4	5	ug/L
218-01-9	Chrysene	50		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	43.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.219		10-139		96	SPK: -150
13127-88-3	Phenol-d6	130.517		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	96.478		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	98.972		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BS	SDG No.:	BM102524
Lab Sample ID:	PB164369BS	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
BM048237.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.778		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	102.629		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198559	7.716				
1146-65-2	Naphthalene-d8	731104	10.51				
15067-26-2	Acenaphthene-d10	398895	14.363				
1517-22-2	Phenanthrene-d10	712540	17.104				
1719-03-5	Chrysene-d12	616038	21.333				
1520-96-3	Perylene-d12	708876	24.28				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-SW	SDG No.:	BM102524
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	490	Units:	mL
Soil Aliquot Vol:		Final Vol:	500
			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
BM048238.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-SW	SDG No.:	BM102524
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	490	Units:	mL
Soil Aliquot Vol:		Final Vol:	500
			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
BM048238.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-SW	SDG No.:	BM102524
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	490	Units:	mL
Soil Aliquot Vol:		Final Vol:	500
			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
BM048238.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	42.1095		10-139		56	SPK: -75
13127-88-3	Phenol-d6	36.5255		10-134		49	SPK: -75
4165-60-0	Nitrobenzene-d5	42.709		49-133		85	SPK: -50
321-60-8	2-Fluorobiphenyl	40.311		52-132		81	SPK: -50

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-SW	SDG No.:	BM102524
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	490 Units: mL	Final Vol:	500 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
BM048238.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.4375		44-137		90	SPK: -75
1718-51-0	Terphenyl-d14	45.7795		48-125		92	SPK: -50
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214014	7.716				
1146-65-2	Naphthalene-d8	870137	10.51				
15067-26-2	Acenaphthene-d10	580161	14.363				
1517-22-2	Phenanthrene-d10	1247446	17.104				
1719-03-5	Chrysene-d12	1150084	21.327				
1520-96-3	Perylene-d12	1229812	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.5	A			4.834	
000119-61-9	Benzophenone	3.4	J			15.722	

Hit Summary Sheet SW-846

SDG No.: BM102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT4-2024								
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,1-Biphenyl	120.000	J	87.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,2,4,5-Tetrachlorobenzene	110.000	J	86.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,2,4-Trichlorobenzene	120.000	J	85.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,2-Dichlorobenzene	120.000	J	84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,3-Dichlorobenzene	120.000	J	86	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,4-Dichlorobenzene	120.000	J	86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,4-Dioxane	120.000	J	110	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1-Methylnaphthalene	110.000	J	83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,2-oxybis(1-Chloropropane)	130.000	J	90.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	74.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4,5-Trichlorophenol	98.700	J	74	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4,6-Trichlorophenol	99.100	J	71.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4-Dichlorophenol	100.000	J	75.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,6-Dinitrotoluene	95.400	J	83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Chloronaphthalene	110.000	J	83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Chlorophenol	120.000	J	83.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Methylnaphthalene	110.000	J	82.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Methylphenol	110.000	J	80.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Nitrophenol	97.200	J	94.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	3+4-Methylphenols	100.000	J	79.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Bromophenyl-phenylether	110.000	J	78.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Chloro-3-methylphenol	97.900	J	77.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Chloroaniline	110.000	J	82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Chlorophenyl-phenylether	110.000	J	85.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Acenaphthene	110.000	J	81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Acenaphthylene	120.000	J	86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Acetophenone	120.000	J	86.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Aniline	150.000	J	96.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Anthracene	110.000	J	84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Atrazine	130.000	J	91.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Azobenzene	110.000	J	79.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzo(a)anthracene	110.000	J	80.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzo(a)pyrene	110.000	J	93	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzo(b)fluoranthene	110.000	J	81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzo(g,h,i)perylene	100.000	J	80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzo(k)fluoranthene	110.000	J	82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzyl Alcohol	110.000	J	83	330	ug/Kg

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SDG No.: BM102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethoxy)methane	110.000	J	85.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethyl)ether	130.000	J	83.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Bis(2-ethylhexyl)phthalate	94.300	J	91	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Caprolactam	87.600	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Carbazole	100.000	J	80.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Chrysene	110.000	J	79.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Di-n-butylphthalate	98.000	J	84.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Dibenzo(a,h)anthracene	110.000	J	81.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Dibenzofuran	110.000	J	84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Diethylphthalate	100.000	J	80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Dimethylphthalate	110.000	J	81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Fluoranthene	100.000	J	81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Fluorene	110.000	J	85.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Hexachlorobenzene	110.000	J	85	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Hexachlorobutadiene	110.000	J	83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Hexachloroethane	120.000	J	83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	78.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Isophorone	110.000	J	84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	n-Nitroso-di-n-propylamine	110.000		40.3	80	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	n-Nitrosodimethylamine	120.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	n-Nitrosodiphenylamine	110.000	J	81.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Naphthalene	120.000	J	82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Nitrobenzene	120.000	J	90.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Pentachlorophenol	86.000	J	77.3	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Phenanthrene	120.000	J	84	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Phenol	120.000	J	82.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Pyrene	110.000	J	83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Pyridine	97.400	J	79.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Total PAH	1,770.000	J	1325.1	2720	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,1-Biphenyl	290.000		87.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,2,4,5-Tetrachlorobenzene	280.000		86.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,2,4-Trichlorobenzene	270.000		85.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,2-Dichlorobenzene	280.000		84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,3-Dichlorobenzene	280.000		86	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,4-Dichlorobenzene	280.000		86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,4-Dioxane	280.000		110	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1-Methylnaphthalene	250.000		83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,2-oxybis(1-Chloropropane)	300.000		90.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,3,4,6-Tetrachlorophenol	260.000		74.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4,5-Trichlorophenol	250.000		74	170	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4,6-Trichlorophenol	250.000		71.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dichlorophenol	260.000		75.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dimethylphenol	190.000		93.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dinitrotoluene	230.000		86.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,6-Dinitrotoluene	240.000		83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Chloronaphthalene	270.000		83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Chlorophenol	290.000		83.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Methylnaphthalene	270.000		82.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Methylphenol	250.000		80.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Nitroaniline	250.000		95	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Nitrophenol	250.000		94.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	3+4-Methylphenols	260.000	J	79.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	3,3-Dichlorobenzidine	260.000	J	98.6	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	3-Nitroaniline	240.000		89.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4,6-Dinitro-2-methylphenol	210.000	J	120	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Bromophenyl-phenylether	270.000		78.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Chloro-3-methylphenol	240.000		77.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Chloroaniline	300.000		82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Chlorophenyl-phenylether	270.000		85.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Nitroaniline	210.000		110	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Nitrophenol	190.000	J	120	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthene	270.000		81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthylene	290.000		86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Acetophenone	280.000		86.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Aniline	350.000		96.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Anthracene	260.000		84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Atrazine	330.000		91.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Azobenzene	270.000		79.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzaldehyde	400.000		180	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzidine	350.000		160	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)anthracene	270.000		80.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)pyrene	280.000		93	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(b)fluoranthene	270.000		81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(g,h,i)perylene	260.000		80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(k)fluoranthene	290.000		82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzyl Alcohol	270.000	J	83	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethoxy)methane	270.000		85.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethyl)ether	280.000		83.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Bis(2-ethylhexyl)phthalate	250.000		91	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Butylbenzylphthalate	240.000		96.8	170	ug/Kg

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SDG No.: BM102524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Caprolactam	220.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Carbazole	260.000		80.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Chrysene	270.000		79.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Di-n-butylphthalate	250.000		84.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Di-n-octyl phthalate	220.000	J	110	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Dibenzo(a,h)anthracene	280.000		81.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Dibenzofuran	280.000		84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Diethylphthalate	250.000		80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Dimethylphthalate	260.000		81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Fluoranthene	250.000		81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Fluorene	270.000		85.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachlorobenzene	270.000		85	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachlorobutadiene	260.000		83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachlorocyclopentadiene	170.000	J	160	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachloroethane	270.000		83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Indeno(1,2,3-cd)pyrene	280.000		78.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Isophorone	270.000		84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	n-Nitroso-di-n-propylamine	270.000		40.3	80	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	n-Nitrosodimethylamine	280.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	n-Nitrosodiphenylamine	270.000		81.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Naphthalene	270.000		82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Nitrobenzene	280.000		90.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pentachlorophenol	230.000	J	77.3	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Phenanthrene	280.000		84	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Phenol	280.000		82.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pyrene	270.000		83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pyridine	250.000		79.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	470.000		169.4	340	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Total PAH	4,360.000		1325.1	2720	ug/Kg
Total Svoc :				34,501.60				
Total Concentration:				34,501.60				

Client ID : MDL-WATER-03-QT4-2024

P4368-09	MDL-WATER-03-QT4-2024	Water	1,1-Biphenyl	3.600	J	0.91	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,2,4,5-Tetrachlorobenzene	3.500	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,2,4-Trichlorobenzene	3.400	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,2-Dichlorobenzene	3.500	J	0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,3-Dichlorobenzene	3.500	J	0.8	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,4-Dichlorobenzene	3.500	J	0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,4-Dioxane	3.600	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1-Methylnaphthalene	3.200	J	0.86	5	ug/L

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Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	2,2-oxybis(1-Chloropropane)	3.900	J	1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,3,4,6-Tetrachlorophenol	3.200	J	0.79	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,5-Trichlorophenol	2.900	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,6-Trichlorophenol	3.000	J	0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dichlorophenol	3.000	J	0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dimethylphenol	2.100	J	1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene	2.500	J	1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,6-Dinitrotoluene	2.700	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chloronaphthalene	3.300	J	0.97	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chlorophenol	3.600	J	0.71	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylnaphthalene	3.300	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylphenol	3.200	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitroaniline	2.800	J	1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitrophenol	2.900	J	2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3+4-Methylphenols	3.200	J	1.2	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3,3-Dichlorobenzidine	2.800	J	1.3	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3-Nitroaniline	2.600	J	1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Bromophenyl-phenylether	3.300	J	0.95	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloro-3-methylphenol	2.900	J	0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloroaniline	3.500	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chlorophenyl-phenylether	3.400	J	0.98	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Nitroaniline	2.000	J	2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthene	3.300	J	0.81	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthylene	3.500	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acetophenone	3.600	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Aniline	4.400	J	1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Anthracene	3.200	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Atrazine	3.800	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Azobenzene	3.100	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzaldehyde	5.100	J	4	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)anthracene	3.400	J	0.94	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)pyrene	3.200	J	1.7	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(b)fluoranthene	3.300	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(g,h,i)perylene	3.000	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(k)fluoranthene	3.500	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzyl Alcohol	3.300	J	1.6	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethoxy)methane	3.300	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethyl)ether	3.700	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Bis(2-ethylhexyl)phthalate	2.800	J	1.9	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Butylbenzylphthalate	2.800	J	2.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	Caprolactam	2.400	J	1.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Carbazole	3.000	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Chrysene	3.400	J	0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-butylphthalate	2.900	J	1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzo(a,h)anthracene	3.100	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzofuran	3.500	J	0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Diethylphthalate	3.100	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dimethylphthalate	3.300	J	0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluoranthene	3.100	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluorene	3.300	J	0.96	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobenzene	3.300	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobutadiene	3.300	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachloroethane	3.500	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Indeno(1,2,3-cd)pyrene	3.100	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Isophorone	3.300	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitroso-di-n-propylamine	3.500		1.5	2.5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodimethylamine	3.400	J	1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodiphenylamine	3.300	J	0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Naphthalene	3.400	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Nitrobenzene	3.600	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pentachlorophenol	2.500	J	1.9	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenanthrene	3.500	J	0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenol	3.600	J	0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyrene	3.400	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyridine	3.000	J	1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.200	J	2.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Total PAH	52.700	J	17.36	80	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,1-Biphenyl	8.600		0.91	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2,4,5-Tetrachlorobenzene	8.400		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2,4-Trichlorobenzene	8.000		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2-Dichlorobenzene	8.300		0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,3-Dichlorobenzene	8.400		0.8	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,4-Dichlorobenzene	8.500		0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,4-Dioxane	8.600		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1-Methylnaphthalene	7.600		0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,2-oxybis(1-Chloropropane)	9.000		1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,3,4,6-Tetrachlorophenol	7.900		0.79	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,5-Trichlorophenol	7.400		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,6-Trichlorophenol	7.400		0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dichlorophenol	7.600		0.88	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dimethylphenol	5.700		1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene	6.900		1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,6-Dinitrotoluene	7.100		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chloronaphthalene	8.100		0.97	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chlorophenol	8.500		0.71	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylnaphthalene	8.000		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylphenol	8.000		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitroaniline	7.300		1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitrophenol	7.300		2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3+4-Methylphenols	7.700	J	1.2	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3,3-Dichlorobenzidine	7.900	J	1.3	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3-Nitroaniline	6.900		1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4,6-Dinitro-2-methylphenol	6.100	J	3.1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Bromophenyl-phenylether	8.100		0.95	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloro-3-methylphenol	7.400		0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloroaniline	8.800		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chlorophenyl-phenylether	8.200		0.98	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Nitroaniline	6.400		2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Nitrophenol	5.500	J	2	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthene	8.000		0.81	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthylene	8.700		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acetophenone	8.500		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Aniline	10.400		1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Anthracene	7.900		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Atrazine	9.600		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Azobenzene	8.100		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzaldehyde	12.200		4	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzidine	9.500	J	4.1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)anthracene	8.100		0.94	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)pyrene	8.200		1.7	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(b)fluoranthene	7.900		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(g,h,i)perylene	7.600		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(k)fluoranthene	8.700		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzyl Alcohol	8.000	J	1.6	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethoxy)methane	8.100		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethyl)ether	8.500		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Bis(2-ethylhexyl)phthalate	7.400		1.9	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Butylbenzylphthalate	7.100		2.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Caprolactam	6.600	J	1.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Carbazole	7.800		1.2	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	Chrysene	8.300		0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-butylphthalate	7.300		1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-octyl phthalate	6.500	J	2.5	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzo(a,h)anthracene	8.200		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzofuran	8.300		0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Diethylphthalate	7.700		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dimethylphthalate	8.000		0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluoranthene	7.700		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluorene	8.200		0.96	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobenzene	8.000		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobutadiene	7.900		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorocyclopentadiene	5.300	J	5	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachloroethane	8.100		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Indeno(1,2,3-cd)pyrene	8.300		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Isophorone	8.000		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitroso-di-n-propylamine	8.200		1.5	2.5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodimethylamine	8.200	J	1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodiphenylamine	8.200		0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Naphthalene	8.100		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Nitrobenzene	8.400		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pentachlorophenol	6.700	J	1.9	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenanthrene	8.400		0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenol	8.400		0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyrene	7.900		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyridine	7.300		1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	14.000		2.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Total PAH	130.000		17.36	80	ug/L

Total Svoc : 1,057.00

Total Concentration: 1,057.00

Client ID : WB-303-SW

P4460-06	WB-303-SW	Water	2-Pentanone, 4-hydroxy-4-methyl *	3.500	A
P4460-06	WB-303-SW	Water	Benzophenone *	3.400	J

Total Tics : 6.90

Total Concentration: 6.90



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM102324 SAS No.: BM102324 SDG No.: BM102324
Instrument ID: _____ Calibration Date(s): 10/23/2024
Calibration Time(s): 12:26

LAB FILE ID:		RRF2.5 = BM048200.D			RRF005 = BM048201.D		RRF010 = BM048202.D	
		RRF020 = BM048203.D			RRF040 = BM048204.D		RRF050 = BM048205.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.571	0.549	0.566	0.572	0.535	0.549	3.9
Pyridine		1.311	1.326	1.338	1.329	1.248	1.294	3.3
2-Fluorophenol		1.238	1.182	1.198	1.216	1.162	1.190	2.6
Benzaldehyde		0.865	0.868	0.830	0.760	0.643	0.761	15.1
Aniline		1.385	1.370	1.370	1.385	1.235	1.286	9.8
Phenol-d6		1.555	1.545	1.578	1.594	1.523	1.550	2.2
Phenol		1.544	1.538	1.584	1.600	1.543	1.559	1.9
bis(2-Chloroethyl)ether		1.238	1.275	1.240	1.281	1.221	1.242	2.3
2-Chlorophenol		1.337	1.282	1.302	1.323	1.264	1.293	2.4
1,2-Dichlorobenzene		1.573	1.528	1.497	1.483	1.400	1.463	5.4
1,3-Dichlorobenzene		1.600	1.532	1.516	1.512	1.428	1.490	4.7
1,4-Dichlorobenzene		1.638	1.571	1.534	1.517	1.454	1.514	5.0
Benzyl Alcohol		0.902	0.943	1.011	1.045	1.010	0.989	5.1
2-Methylphenol		0.992	1.032	1.076	1.067	1.030	1.036	3.0
2,2-oxybis(1-Chloropropane)		1.972	1.875	1.875	1.837	1.751	1.816	5.8
Acetophenone		0.493	0.488	0.505	0.502	0.480	0.488	3.0
3+4-Methylphenols		1.412	1.374	1.453	1.515	1.439	1.435	3.3
n-Nitroso-di-n-propylamine	1.020	1.036	0.993	1.014	1.010	0.945	0.980	5.4
Nitrobenzene-d5		0.347	0.348	0.362	0.369	0.353	0.354	2.6
Hexachloroethane		0.602	0.565	0.556	0.565	0.532	0.555	4.7
Nitrobenzene		0.367	0.363	0.375	0.379	0.365	0.367	2.4
Isophorone		0.652	0.638	0.664	0.672	0.642	0.649	2.6
2-Nitrophenol		0.145	0.151	0.169	0.180	0.178	0.169	9.1
2,4-Dimethylphenol		0.192	0.195	0.210	0.215	0.207	0.206	4.3
bis(2-Chloroethoxy)methane		0.398	0.403	0.422	0.428	0.407	0.411	2.8
2,4-Dichlorophenol		0.270	0.279	0.300	0.311	0.301	0.296	5.2
1,2,4-Trichlorobenzene		0.350	0.335	0.345	0.344	0.332	0.339	2.5
Benzoic acid		0.189	0.191	0.212	0.248	0.244	0.229	13.4
Naphthalene		1.097	1.048	1.065	1.062	1.012	1.043	3.5
4-Chloroaniline		0.320	0.330	0.367	0.376	0.342	0.338	7.8
Hexachlorobutadiene		0.219	0.212	0.215	0.214	0.203	0.210	3.3
Caprolactam		0.087	0.089	0.097	0.104	0.097	0.096	6.3
4-Chloro-3-methylphenol		0.291	0.296	0.318	0.324	0.309	0.309	3.9
2-Methylnaphthalene		0.726	0.694	0.719	0.716	0.678	0.697	3.6
Hexachlorocyclopentadiene		0.179	0.187	0.195	0.202	0.200	0.193	4.4
2,4,6-Trichlorophenol		0.357	0.369	0.382	0.394	0.381	0.379	3.4

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.: BM102324 SAS No.: BM102324 SDG No.: BM102324
Instrument ID: _____ Calibration Date(s): 10/23/2024
Calibration Time(s): 12:26

LAB FILE ID:		RRF2.5 = BM048200.D			RRF005 = BM048201.D		RRF010 = BM048202.D	
		RRF020 = BM048203.D			RRF040 = BM048204.D		RRF050 = BM048205.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.391	1.358	1.338	1.333	1.258	1.303	5.5
2,4,5-Trichlorophenol		0.411	0.407	0.420	0.441	0.423	0.423	2.9
1,1-Biphenyl		1.476	1.458	1.454	1.454	1.396	1.428	3.1
2-Chloronaphthalene		1.153	1.136	1.139	1.149	1.108	1.126	2.5
2-Nitroaniline		0.258	0.279	0.309	0.329	0.319	0.305	8.8
Dimethylphthalate		1.451	1.384	1.382	1.396	1.306	1.365	4.0
Acenaphthylene		1.661	1.634	1.674	1.693	1.613	1.643	2.3
2,6-Dinitrotoluene		0.273	0.290	0.312	0.321	0.310	0.305	5.6
3-Nitroaniline		0.229	0.265	0.300	0.321	0.305	0.287	10.7
Acenaphthene		1.098	1.062	1.058	1.064	1.018	1.044	3.7
2,4-Dinitrophenol			0.136	0.164	0.188	0.189	0.178	13.2
4-Nitrophenol			0.203	0.245	0.277	0.266	0.256	11.1
Dibenzofuran		1.766	1.710	1.701	1.702	1.590	1.658	5.0
2,4-Dinitrotoluene		0.338	0.371	0.406	0.437	0.417	0.402	8.8
Diethylphthalate		1.445	1.389	1.397	1.424	1.340	1.382	3.4
4-Chlorophenyl-phenylether		0.700	0.687	0.685	0.671	0.623	0.656	6.1
Fluorene		1.412	1.361	1.378	1.351	1.248	1.311	6.6
4-Nitroaniline		0.213	0.247	0.300	0.339	0.320	0.297	16.4
4,6-Dinitro-2-methylphenol		0.087	0.098	0.116	0.129	0.124	0.116	14.7
n-Nitrosodiphenylamine		0.549	0.556	0.565	0.570	0.538	0.549	3.0
Azobenzene		1.196	1.238	1.287	1.314	1.224	1.239	3.8
2,4,6-Tribromophenol		0.241	0.246	0.252	0.259	0.240	0.245	3.4
4-Bromophenyl-phenylether		0.205	0.205	0.204	0.208	0.199	0.203	2.1
Hexachlorobenzene		0.252	0.249	0.245	0.251	0.236	0.244	3.2
Atrazine		0.176	0.172	0.150	0.186	0.111	0.154	19.4
Pentachlorophenol		0.145	0.150	0.161	0.172	0.160	0.160	5.9
Phenanthrene		1.043	1.012	1.008	1.017	0.953	0.990	4.1
Anthracene		0.960	0.952	0.985	0.998	0.944	0.959	2.8
Carbazole		0.911	0.923	0.958	0.994	0.927	0.940	3.2
Di-n-butylphthalate		1.131	1.114	1.164	1.241	1.170	1.170	3.7
Fluoranthene		1.236	1.185	1.210	1.223	1.137	1.181	3.8
Benzidine		0.417	0.269	0.107	0.344	0.155	0.231	52.2
Pyrene		1.336	1.312	1.332	1.358	1.335	1.339	1.4
Terphenyl-d14		1.013	1.003	1.005	1.009	0.955	0.980	4.0
Butylbenzylphthalate		0.490	0.502	0.542	0.589	0.583	0.560	8.7
3,3-Dichlorobenzidine		0.432	0.435	0.442	0.473	0.427	0.438	3.8

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.: BM102324 SAS No.: BM102324 SDG No.: BM102324
Instrument ID: _____ Calibration Date(s): 10/23/2024 _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BM048200.D			RRF005 = BM048201.D		RRF010 = BM048202.D	
		RRF020 = BM048203.D			RRF040 = BM048204.D		RRF050 = BM048205.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.299	1.258	1.277	1.297	1.264	1.278	1.5
Chrysene		1.273	1.224	1.242	1.244	1.203	1.227	2.5
Bis(2-ethylhexyl)phthalate		0.735	0.758	0.813	0.861	0.839	0.814	6.1
Di-n-octyl phthalate		1.206	1.220	1.357	1.491	1.485	1.409	10.6
Benzo(b)fluoranthene		1.142	1.113	1.179	1.182	1.148	1.147	2.3
Benzo(k)fluoranthene		1.134	1.146	1.109	1.147	1.054	1.109	3.8
Benzo(a)pyrene		0.983	0.965	1.007	1.034	0.990	0.997	2.4
Indeno(1,2,3-cd)pyrene		1.293	1.288	1.343	1.373	1.305	1.323	2.6
Dibenzo(a,h)anthracene		1.093	1.074	1.122	1.147	1.086	1.101	2.6
Benzo(g,h,i)perylene		1.131	1.099	1.138	1.156	1.111	1.128	2.1
1,2,4,5-Tetrachlorobenzene		0.588	0.575	0.572	0.578	0.563	0.572	1.9
1,4-Dioxane		0.538	0.529	0.508	0.502	0.451	0.487	8.7
2,3,4,6-Tetrachlorophenol		0.356	0.353	0.355	0.370	0.337	0.351	3.3
1-Methylnaphthalene		0.724	0.692	0.707	0.712	0.669	0.691	3.8

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.: BM102524 SAS No.: BM102524 SDG NO.: BM102524

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

Lab File ID: BM048204.D Time Analyzed: 09:28

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	155293	7.722	626547	10.52	401678	14.37
UPPER LIMIT	310586	8.222	1253094	11.016	803356	14.868
LOWER LIMIT	77646.5	7.222	313273.5	10.016	200839	13.868
EPA SAMPLE NO.						
01 PB164382BL	221062	7.72	804099	10.51	478139	14.36
02 MDL-WATER-03-QT4-2024	309405	7.72	1.27056e *	10.51	813145 *	14.36
03 MDL-WATER-03-QT4-2024	227983	7.72	918288	10.51	575648	14.36
04 PB164369BS	603416 *	7.72	2.2992e+ *	10.51	1.29878e *	14.37
05 PB164369BSD	239298	7.72	913341	10.50	513456	14.36
06 PB164401BL	229916	7.72	860640	10.51	505079	14.36
07 MDL-SOIL-03-QT4-2024	304315	7.72	1.25076e	10.50	802338	14.36
08 MDL-SOIL-03-QT4-2024	248197	7.72	994379	10.50	618564	14.36
09 PB164369BS	198559	7.72	731104	10.51	398895	14.36
10 WB-303-SW	214014	7.72	870137	10.51	580161	14.36

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.: BM102524 SAS No.: BM102524 SDG NO.: BM102524

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

Lab File ID: BM048228.D Time Analyzed: 09:28

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	198668	7.716	777876	10.51	472094	14.36
UPPER LIMIT	397336	8.216	1555752	11.01	944188	14.863
LOWER LIMIT	99334	7.216	388938	10.01	236047	13.863
EPA SAMPLE NO.						
01 PB164382BL	221062	7.72	804099	10.51	478139	14.36
02 MDL-WATER-03-QT4-2024	309405	7.72	1.27056e	10.51	813145	14.36
03 MDL-WATER-03-QT4-2024	227983	7.72	918288	10.51	575648	14.36
04 PB164369BS	603416 *	7.72	2.2992e+ *	10.51	1.29878e *	14.37
05 PB164369BSD	239298	7.72	913341	10.50	513456	14.36
06 PB164401BL	229916	7.72	860640	10.51	505079	14.36
07 MDL-SOIL-03-QT4-2024	304315	7.72	1.25076e	10.50	802338	14.36
08 MDL-SOIL-03-QT4-2024	248197	7.72	994379	10.50	618564	14.36
09 PB164369BS	198559	7.72	731104	10.51	398895	14.36
10 WB-303-SW	214014	7.72	870137	10.51	580161	14.36

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.: BM102524 SAS No.: BM102524 SDG NO.: BM102524

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

Lab File ID: BM048204.D Time Analyzed: 09:28

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	809301	17.109	767144	21.339	886257	24.291
UPPER LIMIT	1618602	17.609	1534288	21.839	1772514	24.791
LOWER LIMIT	404650.5	16.609	383572	20.839	443128.5	23.791
EPA SAMPLE NO.						
01 PB164382BL	895440	17.10	702826	21.33	737871	24.28
02 MDL-WATER-03-QT4-2024	1.57997	17.10	1.33087e+	21.33	1.38719e+	24.28
03 MDL-WATER-03-QT4-2024	1.1398e	17.10	1.02671e+	21.33	1.11264e+	24.28
04 PB164369BS	2.27727*	17.11	1.64936e+ *	21.34	1.85943e+ *	24.29
05 PB164369BSD	916015	17.10	699111	21.33	737917	24.28
06 PB164401BL	948134	17.10	738347	21.33	773041	24.28
07 MDL-SOIL-03-QT4-2024	1.57265	17.10	1.38715e+	21.33	1.50145e+	24.28
08 MDL-SOIL-03-QT4-2024	1.21357	17.10	1.08583e+	21.33	1.18289e+	24.28
09 PB164369BS	712540	17.10	616038	21.33	708876	24.28
10 WB-303-SW	1.24745	17.10	1.15008e+	21.33	1.22981e+	24.28

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.: BM102524 SAS No.: BM102524 SDG NO.: BM102524

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

Lab File ID: BM048228.D Time Analyzed: 09:28

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	925065	17.104	823670	21.333	921417	24.28
UPPER LIMIT	1850130	17.604	1647340	21.833	1842834	24.78
LOWER LIMIT	462532.5	16.604	411835	20.833	460708.5	23.78
EPA SAMPLE NO.						
01 PB164382BL	895440	17.10	702826	21.33	737871	24.28
02 MDL-WATER-03-QT4-2024	1.57997	17.10	1.33087e+	21.33	1.38719e+	24.28
03 MDL-WATER-03-QT4-2024	1.1398e	17.10	1.02671e+	21.33	1.11264e+	24.28
04 PB164369BS	2.27727*	17.11	1.64936e+ *	21.34	1.85943e+ *	24.29
05 PB164369BSD	916015	17.10	699111	21.33	737917	24.28
06 PB164401BL	948134	17.10	738347	21.33	773041	24.28
07 MDL-SOIL-03-QT4-2024	1.57265	17.10	1.38715e+	21.33	1.50145e+	24.28
08 MDL-SOIL-03-QT4-2024	1.21357	17.10	1.08583e+	21.33	1.18289e+	24.28
09 PB164369BS	712540	17.10	616038	21.33	708876	24.28
10 WB-303-SW	1.24745	17.10	1.15008e+	21.33	1.22981e+	24.28

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102524

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164369BS	n-Nitrosodimethylamine	50	21.7	ug/L	43		*		55	108	
	n-Nitrosodimethylamine	50	50.1	ug/L	100				55	108	
	Pyridine	50	42.3	ug/L	85				29	97	
	Pyridine	50	17.5	ug/L	35				29	97	
	Benzaldehyde	50	6.1	ug/L	12				10	162	
	Benzaldehyde	50	13.7	ug/L	27				10	162	
	Aniline	50	46.9	ug/L	94				10	130	
	Aniline	50	21.8	ug/L	44				10	130	
	Phenol	50	21.8	ug/L	44		*		66	118	
	Phenol	50	47.8	ug/L	96				66	118	
	bis(2-Chloroethyl)ether	50	48.2	ug/L	96				62	103	
	bis(2-Chloroethyl)ether	50	21.2	ug/L	42		*		62	103	
	2-Chlorophenol	50	21.7	ug/L	43		*		70	117	
	2-Chlorophenol	50	48.4	ug/L	97				70	117	
	1,2-Dichlorobenzene	50	46.5	ug/L	93				72	102	
	1,2-Dichlorobenzene	50	19.7	ug/L	39		*		72	102	
	1,3-Dichlorobenzene	50	19.8	ug/L	40		*		71	103	
	1,3-Dichlorobenzene	50	46.8	ug/L	94				71	103	
	1,4-Dichlorobenzene	50	46.8	ug/L	94				76	103	
	1,4-Dichlorobenzene	50	19.9	ug/L	40		*		76	103	
	Benzyl Alcohol	50	22.7	ug/L	45				36	93	
	Benzyl Alcohol	50	49.8	ug/L	100		*		36	93	
	2-Methylphenol	50	46.5	ug/L	93				69	109	
	2-Methylphenol	50	21.1	ug/L	42		*		69	109	
	2,2-oxybis(1-Chloropropane)	50	21.4	ug/L	43		*		65	100	
	2,2-oxybis(1-Chloropropane)	50	49.2	ug/L	98				65	100	
	Acetophenone	50	48.5	ug/L	97				60	104	
	Acetophenone	50	20.7	ug/L	41		*		60	104	
	3+4-Methylphenols	50	20.5	ug/L	41		*		67	106	
	3+4-Methylphenols	50	45	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	43.9	ug/L	88				57	107	
	N-Nitroso-di-n-propylamine	50	19.6	ug/L	39		*		57	107	
	Hexachloroethane	50	19.6	ug/L	39		*		76	118	
	Hexachloroethane	50	46.9	ug/L	94				76	118	
	Nitrobenzene	50	47.7	ug/L	95				58	106	
	Nitrobenzene	50	20.2	ug/L	40		*		58	106	
	Isophorone	50	20.5	ug/L	41		*		61	102	
	Isophorone	50	47	ug/L	94				61	102	
	2-Nitrophenol	50	49.3	ug/L	99				70	115	
	2-Nitrophenol	50	21.8	ug/L	44		*		70	115	
	2,4-Dimethylphenol	50	26.4	ug/L	53				42	142	
	2,4-Dimethylphenol	50	59.6	ug/L	119				42	142	
	bis(2-Chloroethoxy)methane	50	48	ug/L	96				58	109	
	bis(2-Chloroethoxy)methane	50	20.9	ug/L	42		*		58	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM102524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164369BS	2,4-Dichlorophenol	50	21.7	ug/L	43		*		66	115	
	2,4-Dichlorophenol	50	48.9	ug/L	98				66	115	
	1,2,4-Trichlorobenzene	50	46.6	ug/L	93				41	115	
	1,2,4-Trichlorobenzene	50	19.6	ug/L	39		*		41	115	
	Benzoic acid	50	18.3	ug/L	37				10	125	
	Benzoic acid	50	40.6	ug/L	81				10	125	
	Naphthalene	50	47	ug/L	94				64	107	
	Naphthalene	50	19.9	ug/L	40		*		64	107	
	4-Chloroaniline	50	8.5	ug/L	17				10	85	
	4-Chloroaniline	50	19.8	ug/L	40				10	85	
	Hexachlorobutadiene	50	47.6	ug/L	95				69	101	
	Hexachlorobutadiene	50	19.7	ug/L	39		*		69	101	
	Caprolactam	50	17.9	ug/L	36		*		58	128	
	Caprolactam	50	39.4	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	44.2	ug/L	88				65	114	
	4-Chloro-3-methylphenol	50	19.9	ug/L	40		*		65	114	
	2-Methylnaphthalene	50	20.1	ug/L	40		*		64	107	
	2-Methylnaphthalene	50	46	ug/L	92				64	107	
	Hexachlorocyclopentadiene	100	210	ug/L	210		*		36	160	
	Hexachlorocyclopentadiene	100	87.1	ug/L	87				36	160	
	2,4,6-Trichlorophenol	50	22.2	ug/L	44		*		61	110	
	2,4,6-Trichlorophenol	50	51.3	ug/L	103				61	110	
	2,4,5-Trichlorophenol	50	49	ug/L	98				70	106	
	2,4,5-Trichlorophenol	50	21.3	ug/L	43		*		70	106	
	1,1-Biphenyl	50	20.9	ug/L	42		*		72	98	
	1,1-Biphenyl	50	50.5	ug/L	101		*		72	98	
	2-Chloronaphthalene	50	49.5	ug/L	99				59	106	
	2-Chloronaphthalene	50	20.7	ug/L	41		*		59	106	
	2-Nitroaniline	50	21.7	ug/L	43		*		73	114	
	2-Nitroaniline	50	49.8	ug/L	100				73	114	
	Dimethylphthalate	50	47.2	ug/L	94				64	103	
	Dimethylphthalate	50	20.3	ug/L	41		*		64	103	
	Acenaphthylene	50	22.1	ug/L	44		*		79	103	
	Acenaphthylene	50	52.3	ug/L	105		*		79	103	
	2,6-Dinitrotoluene	50	45.4	ug/L	91				64	110	
	2,6-Dinitrotoluene	50	19.7	ug/L	39		*		64	110	
	3-Nitroaniline	50	12.5	ug/L	25		*		28	100	
	3-Nitroaniline	50	29.9	ug/L	60				28	100	
	Acenaphthene	50	49.6	ug/L	99				59	113	
	Total PAH	800	815.4	ug/L	102				59	113	
	Acenaphthene	50	20.7	ug/L	41		*		59	113	
	Total PAH	800	344.7	ug/L	43		*		59	113	
	2,4-Dinitrophenol	100	40.7	ug/L	41				36	166	
	2,4-Dinitrophenol	100	93.4	ug/L	93				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102524

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164369BS	4-Nitrophenol	100	94.8	ug/L	95				45	147	
	4-Nitrophenol	100	40.7	ug/L	41		*		45	147	
	Dibenzofuran	50	20.3	ug/L	41		*		65	106	
	Dibenzofuran	50	48.6	ug/L	97				65	106	
	2,4-Dinitrotoluene/2,6-Dinitro	100	91.1	ug/L	91				60	115	
	2,4-Dinitrotoluene	50	45.7	ug/L	91				60	115	
	2,4-Dinitrotoluene	50	20	ug/L	40		*		60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	39.7	ug/L	40		*		60	115	
	Diethylphthalate	50	19.6	ug/L	39		*		63	105	
	Diethylphthalate	50	45.3	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	47.1	ug/L	94				61	104	
	4-Chlorophenyl-phenylether	50	19.9	ug/L	40		*		61	104	
	Fluorene	50	19.5	ug/L	39		*		64	107	
	Fluorene	50	47	ug/L	94				64	107	
	4-Nitroaniline	50	44.9	ug/L	90				55	125	
	4-Nitroaniline	50	19.1	ug/L	38		*		55	125	
	4,6-Dinitro-2-methylphenol	50	22.4	ug/L	45		*		62	132	
	4,6-Dinitro-2-methylphenol	50	50.1	ug/L	100				62	132	
	N-Nitrosodiphenylamine	50	53.1	ug/L	106				61	109	
	N-Nitrosodiphenylamine	50	22.9	ug/L	46		*		61	109	
	Azobenzene	50	20.7	ug/L	41		*		59	106	
	Azobenzene	50	49.3	ug/L	99				59	106	
	4-Bromophenyl-phenylether	50	51.4	ug/L	103				73	103	
	4-Bromophenyl-phenylether	50	22.1	ug/L	44		*		73	103	
	Hexachlorobenzene	50	21.2	ug/L	42		*		73	106	
	Hexachlorobenzene	50	49.6	ug/L	99				73	106	
	Atrazine	50	63.7	ug/L	127		*		76	120	
	Atrazine	50	27.4	ug/L	55		*		76	120	
	Pentachlorophenol	100	41.7	ug/L	42		*		47	114	
	Pentachlorophenol	100	97.9	ug/L	98				47	114	
	Phenanthrene	50	50.8	ug/L	102				62	109	
	Phenanthrene	50	21.5	ug/L	43		*		62	109	
	Anthracene	50	22.6	ug/L	45		*		65	110	
	Anthracene	50	53.8	ug/L	108				65	110	
	Carbazole	50	48.9	ug/L	98				62	106	
	Carbazole	50	20.2	ug/L	40		*		62	106	
	Di-n-butylphthalate	50	20.7	ug/L	41		*		64	106	
	Di-n-butylphthalate	50	48.2	ug/L	96				64	106	
	Fluoranthene	50	46.4	ug/L	93				64	110	
	Fluoranthene	50	18.8	ug/L	38		*		64	110	
	Benzidine	100	45.7	ug/L	46				10	94	
	Benzidine	100	97.5	ug/L	98		*		10	94	
	Pyrene	50	50.4	ug/L	101				71	103	
	Pyrene	50	24.2	ug/L	48		*		71	103	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM102524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164369BS	Butylbenzylphthalate	50	22.8	ug/L	46		*		61	105	
	Butylbenzylphthalate	50	49.5	ug/L	99				61	105	
	3,3-Dichlorobenzidine	50	37.3	ug/L	75				43	108	
	3,3-Dichlorobenzidine	50	14.8	ug/L	30		*		43	108	
	Benzo(a)anthracene	50	22.1	ug/L	44		*		62	107	
	Benzo(a)anthracene	50	50.3	ug/L	101				62	107	
	Chrysene	50	50	ug/L	100				61	108	
	Chrysene	50	21.8	ug/L	44		*		61	108	
	bis(2-Ethylhexyl)phthalate	50	22.9	ug/L	46		*		59	110	
	bis(2-Ethylhexyl)phthalate	50	50.4	ug/L	101				59	110	
	Di-n-octyl phthalate	50	49.5	ug/L	99				52	139	
	Di-n-octyl phthalate	50	21.5	ug/L	43		*		52	139	
	Benzo(b)fluoranthene	50	21.2	ug/L	42		*		77	113	
	Benzo(b)fluoranthene	50	49.4	ug/L	99				77	113	
	Benzo(k)fluoranthene	50	51.8	ug/L	104				77	105	
	Benzo(k)fluoranthene	50	21.7	ug/L	43		*		77	105	
	Benzo(a)pyrene	50	23	ug/L	46		*		72	131	
	Benzo(a)pyrene	50	55	ug/L	110				72	131	
	Indeno(1,2,3-cd)pyrene	50	55.7	ug/L	111		*		72	105	
	Indeno(1,2,3-cd)pyrene	50	22.6	ug/L	45		*		72	105	
	Dibenz(a,h)anthracene	50	22.5	ug/L	45		*		78	115	
	Dibenz(a,h)anthracene	50	55.4	ug/L	111				78	115	
	Benzo(g,h,i)perylene	50	50.5	ug/L	101				75	118	
	Benzo(g,h,i)perylene	50	20.5	ug/L	41		*		75	118	
	1,2,4,5-Tetrachlorobenzene	50	21.5	ug/L	43		*		72	101	
	1,2,4,5-Tetrachlorobenzene	50	52	ug/L	104		*		72	101	
	1,4-Dioxane	50	43.3	ug/L	87				38	125	
	1,4-Dioxane	50	17.5	ug/L	35		*		38	125	
	2,3,4,6-Tetrachlorophenol	50	20.6	ug/L	41		*		63	116	
	2,3,4,6-Tetrachlorophenol	50	48.3	ug/L	97				63	116	
	1-Methylnaphthalene	50	42.9	ug/L	86				51	114	
	1-Methylnaphthalene	50	18.8	ug/L	38		*		51	114	
PB164369BSD	n-Nitrosodimethylamine	50	48.5	ug/L	97	3			55	108	20
	Pyridine	50	40.3	ug/L	81	5			29	97	20
	Benzaldehyde	50	14.2	ug/L	28	4			10	162	20
	Aniline	50	49.3	ug/L	99	5			10	130	20
	Phenol	50	49.6	ug/L	99	4			66	118	20
	bis(2-Chloroethyl)ether	50	48.8	ug/L	98	1			62	103	20
	2-Chlorophenol	50	50	ug/L	100	3			70	117	20
	1,2-Dichlorobenzene	50	46.2	ug/L	92	1			72	102	20
	1,3-Dichlorobenzene	50	46.2	ug/L	92	1			71	103	20
	1,4-Dichlorobenzene	50	46	ug/L	92	2			76	103	20
	Benzyl Alcohol	50	51.9	ug/L	104	4	*		36	93	20
	2-Methylphenol	50	48.8	ug/L	98	5			69	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102524

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164369BSD	2,2-oxybis(1-Chloropropane)	50	49.4	ug/L	99	0			65	100	20
	Acetophenone	50	47.9	ug/L	96	1			60	104	20
	3+4-Methylphenols	50	47.4	ug/L	95	5			67	106	20
	N-Nitroso-di-n-propylamine	50	44.8	ug/L	90	2			57	107	20
	Hexachloroethane	50	46.1	ug/L	92	2			76	118	20
	Nitrobenzene	50	46.8	ug/L	94	2			58	106	20
	Isophorone	50	47.3	ug/L	95	1			61	102	20
	2-Nitrophenol	50	50.6	ug/L	101	3			70	115	20
	2,4-Dimethylphenol	50	60.9	ug/L	122	2			42	142	20
	bis(2-Chloroethoxy)methane	50	48.6	ug/L	97	1			58	109	20
	2,4-Dichlorophenol	50	50	ug/L	100	2			66	115	20
	1,2,4-Trichlorobenzene	50	45.9	ug/L	92	2			41	115	20
	Benzoic acid	50	42.8	ug/L	86	5			10	125	20
	Naphthalene	50	46.7	ug/L	93	1			64	107	20
	4-Chloroaniline	50	20.7	ug/L	41	4			10	85	20
	Hexachlorobutadiene	50	46.5	ug/L	93	2			69	101	20
	Caprolactam	50	41.5	ug/L	83	5			58	128	20
	4-Chloro-3-methylphenol	50	45.9	ug/L	92	4			65	114	20
	2-Methylnaphthalene	50	46.5	ug/L	93	1			64	107	20
	Hexachlorocyclopentadiene	100	210	ug/L	210	0	*		36	160	20
	2,4,6-Trichlorophenol	50	51.8	ug/L	104	1			61	110	20
	2,4,5-Trichlorophenol	50	49.7	ug/L	99	1			70	106	20
	1,1-Biphenyl	50	49.3	ug/L	99	2	*		72	98	20
	2-Chloronaphthalene	50	48.5	ug/L	97	2			59	106	20
	2-Nitroaniline	50	50.2	ug/L	100	1			73	114	20
	Dimethylphthalate	50	47.4	ug/L	95	0			64	103	20
	Acenaphthylene	50	51.7	ug/L	103	1			79	103	20
	2,6-Dinitrotoluene	50	46	ug/L	92	1			64	110	20
	3-Nitroaniline	50	29.2	ug/L	58	2			28	100	20
	Acenaphthene	50	48.8	ug/L	98	2			59	113	20
	Total PAH	800	811.9	ug/L	101	0			59	113	20
	2,4-Dinitrophenol	100	96.2	ug/L	96	3			36	166	20
	4-Nitrophenol	100	96.1	ug/L	96	1			45	147	20
	Dibenzofuran	50	47.5	ug/L	95	2			65	106	20
	2,4-Dinitrotoluene	50	46.6	ug/L	93	2			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	92.6	ug/L	93	2			60	115	20
	Diethylphthalate	50	46.1	ug/L	92	2			63	105	20
	4-Chlorophenyl-phenylether	50	46.7	ug/L	93	1			61	104	20
	Fluorene	50	45.8	ug/L	92	3			64	107	20
	4-Nitroaniline	50	45.4	ug/L	91	1			55	125	20
	4,6-Dinitro-2-methylphenol	50	52.3	ug/L	105	4			62	132	20
	N-Nitrosodiphenylamine	50	52.9	ug/L	106	0			61	109	20
	Azobenzene	50	48.6	ug/L	97	1			59	106	20
	4-Bromophenyl-phenylether	50	50.7	ug/L	101	1			73	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102524

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164369BSD	Hexachlorobenzene	50	49.4	ug/L	99	0			73	106	20
	Atrazine	50	64.2	ug/L	128	1	*		76	120	20
	Pentachlorophenol	100	97.2	ug/L	97	1			47	114	20
	Phenanthrene	50	50.2	ug/L	100	1			62	109	20
	Anthracene	50	52.6	ug/L	105	2			65	110	20
	Carbazole	50	47.5	ug/L	95	3			62	106	20
	Di-n-butylphthalate	50	48.6	ug/L	97	1			64	106	20
	Fluoranthene	50	44.3	ug/L	89	5			64	110	20
	Benzidine	100	100	ug/L	100	3	*		10	94	20
	Pyrene	50	54.5	ug/L	109	8	*		71	103	20
	Butylbenzylphthalate	50	52.8	ug/L	106	6	*		61	105	20
	3,3-Dichlorobenzidine	50	34.7	ug/L	69	7			43	108	20
	Benzo(a)anthracene	50	50.9	ug/L	102	1			62	107	20
	Chrysene	50	50.1	ug/L	100	0			61	108	20
	bis(2-Ethylhexyl)phthalate	50	51.9	ug/L	104	3			59	110	20
	Di-n-octyl phthalate	50	49.5	ug/L	99	0			52	139	20
	Benzo(b)fluoranthene	50	51.5	ug/L	103	4			77	113	20
	Benzo(k)fluoranthene	50	52.7	ug/L	105	2			77	105	20
	Benzo(a)pyrene	50	55.5	ug/L	111	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	54.1	ug/L	108	3	*		72	105	20
	Dibenz(a,h)anthracene	50	53.6	ug/L	107	3			78	115	20
	Benzo(g,h,i)perylene	50	48.9	ug/L	98	3			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	50.6	ug/L	101	3			72	101	20
	1,4-Dioxane	50	40	ug/L	80	8			38	125	20
	2,3,4,6-Tetrachlorophenol	50	48.3	ug/L	97	0			63	116	20
	1-Methylnaphthalene	50	43.6	ug/L	87	2			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164369BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102524

SAS No.: BM102524 SDG NO.: BM102524

Lab File ID: BM048232.D

Lab Sample ID: PB164369BS

Instrument ID: BNA_M

Date Extracted: 10/23/2024

Matrix: (soil/water) Water

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 12:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164369BS	PB164369BS	BM048232.D	10/25/2024
PB164369BSD	PB164369BSD	BM048233.D	10/25/2024
PB164369BS	PB164369BS	BM048237.D	10/25/2024
WB-303-SW	P4460-06	BM048238.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164382BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102524

SAS No.: BM102524 SDG NO.: BM102524

Lab File ID: BM048229.D

Lab Sample ID: PB164382BL

Instrument ID: BNA_M

Date Extracted: 10/24/2024

Matrix: (soil/water) Water

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 09:28

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-QT4-2024	P4368-09	BM048230.D	10/25/2024
MDL-WATER-03-QT4-2024	P4368-09	BM048231.D	10/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164401BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102524

SAS No.: BM102524 SDG NO.: BM102524

Lab File ID: BM048234.D

Lab Sample ID: PB164401BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/25/2024

Level: (low/med) LOW

Time Analyzed: 13:38

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-QT4-2024	P4368-03	BM048235.D	10/25/2024
MDL-SOIL-03-QT4-2024	P4368-03	BM048236.D	10/25/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4460-06	WB-303-SW	BM048238.D	2-Fluorophenol	75	42.11	56		10	139
			Phenol-d6	75	36.53	49		10	134
			Nitrobenzene-d5	50	42.71	85		49	133
			2-Fluorobiphenyl	50	40.31	81		52	132
			2,4,6-Tribromophenol	75	67.44	90		44	137
			Terphenyl-d14	50	45.78	92		48	125
PB164369BS	PB164369BS	BM048237.D	2-Fluorophenol	150	144.22	96		10	139
		BM048232.D	2-Fluorophenol	150	64.70	43		10	139
			Phenol-d6	150	59.66	40		10	134
		BM048237.D	Phenol-d6	150	130.52	87		10	134
			Nitrobenzene-d5	100	96.48	96		49	133
		BM048232.D	Nitrobenzene-d5	100	40.92	41	*	49	133
			2-Fluorobiphenyl	100	41.24	41	*	52	132
		BM048237.D	2-Fluorobiphenyl	100	98.97	99		52	132
			2,4,6-Tribromophenol	150	132.78	89		44	137
		BM048232.D	2,4,6-Tribromophenol	150	55.75	37	*	44	137
			Terphenyl-d14	100	48.23	48		48	125
		BM048237.D	Terphenyl-d14	100	102.63	103		48	125
PB164369BSD	PB164369BSD	BM048233.D	2-Fluorophenol	150	146.19	97		10	139
			Phenol-d6	150	135.14	90		10	134
			Nitrobenzene-d5	100	94.82	95		49	133
			2-Fluorobiphenyl	100	96.48	96		52	132
			2,4,6-Tribromophenol	150	131.99	88		44	137
			Terphenyl-d14	100	109.62	110		48	125

Surrogate Summary

SW-846

SDG No.: **BM102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-09	MDL-WATER-03-C	BM048230.D	2-Fluorophenol	150	105.48	70		10	139
		BM048231.D	2-Fluorophenol	150	125.30	84		10	139
		BM048230.D	Phenol-d6	150	107.37	72		10	134
		BM048231.D	Phenol-d6	150	126.40	84		10	134
		BM048230.D	Nitrobenzene-d5	100	75.03	75		49	133
		BM048231.D	Nitrobenzene-d5	100	91.49	91		49	133
			2-Fluorobiphenyl	100	88.58	89		52	132
		BM048230.D	2-Fluorobiphenyl	100	71.51	72		52	132
			2,4,6-Tribromophenol	150	102.45	68		44	137
		BM048231.D	2,4,6-Tribromophenol	150	125.92	84		44	137
		BM048230.D	Terphenyl-d14	100	66.76	67		48	125
		BM048231.D	Terphenyl-d14	100	80.13	80		48	125
PB164382BL	PB164382BL	BM048229.D	2-Fluorophenol	150	148.05	99		10	139
			Phenol-d6	150	136.89	91		10	134
			Nitrobenzene-d5	100	95.47	95		49	133
			2-Fluorobiphenyl	100	96.18	96		52	132
			2,4,6-Tribromophenol	150	129.80	87		44	137
			Terphenyl-d14	100	106.37	106		48	125

Surrogate Summary

SW-846

SDG No.: **BM102524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-03	MDL-SOIL-03-QT ²	BM048236.D	2-Fluorophenol	150	124.55	83		18	112
		BM048235.D	2-Fluorophenol	150	105.68	70		18	112
			Phenol-d6	150	107.67	72		15	107
		BM048236.D	Phenol-d6	150	125.88	84		15	107
			Nitrobenzene-d5	100	92.01	92		18	107
		BM048235.D	Nitrobenzene-d5	100	74.89	75		18	107
			2-Fluorobiphenyl	100	70.90	71		20	109
		BM048236.D	2-Fluorobiphenyl	100	88.62	89		20	109
			2,4,6-Tribromophenol	150	124.47	83		10	116
		BM048235.D	2,4,6-Tribromophenol	150	103.33	69		10	116
			Terphenyl-d14	100	65.18	65		10	105
		BM048236.D	Terphenyl-d14	100	80.45	80		10	105
PB164401BL	PB164401BL	BM048234.D	2-Fluorophenol	150	143.93	96		18	112
			Phenol-d6	150	133.21	89		15	107
			Nitrobenzene-d5	100	91.20	91		18	107
			2-Fluorobiphenyl	100	92.72	93		20	109
			2,4,6-Tribromophenol	150	123.51	82		10	116
			Terphenyl-d14	100	103.16	103		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102524

Lab Code: CHEM

SAS No.: BM102524 SDG NO.: BM102524

Lab File ID: BM048227.D

DFTPP Injection Date: 10/25/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	34.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.3 (19.2) 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	BM048228.D	10/25/2024	08:49
PB164382BL	PB164382BL	BM048229.D	10/25/2024	09:28
MDL-WATER-03-QT4-2024	P4368-09	BM048230.D	10/25/2024	10:07
MDL-WATER-03-QT4-2024	P4368-09	BM048231.D	10/25/2024	10:47
PB164369BS	PB164369BS	BM048232.D	10/25/2024	12:19
PB164369BSD	PB164369BSD	BM048233.D	10/25/2024	12:58
PB164401BL	PB164401BL	BM048234.D	10/25/2024	13:38
MDL-SOIL-03-QT4-2024	P4368-03	BM048235.D	10/25/2024	14:17
MDL-SOIL-03-QT4-2024	P4368-03	BM048236.D	10/25/2024	14:56
PB164369BS	PB164369BS	BM048237.D	10/25/2024	15:42
WB-303-SW	P4460-06	BM048238.D	10/25/2024	16:21
SSTDCCC040EC	SSTDCCC040	BM048239.D	10/25/2024	17:00