

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102424 SAS No.: BM102424 SDG No.: BM102424

Instrument ID: BNA_M Calibration Date/Time: 10/24/2024 : 11:11

Lab File ID: BM048211.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	0.569		3.643	
Pyridine	1.294	1.337		3.323	
2-Fluorophenol	1.190	1.228		3.193	
Benzaldehyde	0.761	0.734		-3.548	
Aniline	1.286	1.347		4.743	
Phenol-d6	1.550	1.554		0.258	
Phenol	1.559	1.569		0.641	20.0
bis(2-Chloroethyl) ether	1.242	1.263		1.691	
2-Chlorophenol	1.293	1.306		1.005	
1,2-Dichlorobenzene	1.463	1.483		1.367	
1,3-Dichlorobenzene	1.490	1.521		2.081	
1,4-Dichlorobenzene	1.514	1.547		2.18	20.0
Benzyl Alcohol	0.989	0.993		0.404	
2-Methylphenol	1.036	1.046		0.965	
2,2-oxybis(1-Chloropropane)	1.816	1.809		-0.385	
Acetophenone	0.488	0.486		-0.41	
3+4-Methylphenols	1.435	1.436		0.07	
n-Nitroso-di-n-propylamine	0.980	0.948	0.050	-3.265	
Nitrobenzene-d5	0.354	0.357		0.847	
Hexachloroethane	0.555	0.560		0.901	
Nitrobenzene	0.367	0.370		0.817	
Isophorone	0.649	0.635		-2.157	
2-Nitrophenol	0.169	0.177		4.734	20.0
2,4-Dimethylphenol	0.206	0.208		0.971	
bis(2-Chloroethoxy) methane	0.411	0.416		1.217	
2,4-Dichlorophenol	0.296	0.311		5.068	20.0
1,2,4-Trichlorobenzene	0.339	0.353		4.13	
Benzoic acid	0.229	0.229		0.0	
Naphthalene	1.043	1.067		2.301	
4-Chloroaniline	0.338	0.365		7.988	
Hexachlorobutadiene	0.210	0.218		3.81	20.0
Caprolactam	0.096	0.095		-1.042	
4-Chloro-3-methylphenol	0.309	0.312		0.971	20.0
2-Methylnaphthalene	0.697	0.706		1.291	
Hexachlorocyclopentadiene	0.193	0.205	0.050	6.218	
2,4,6-Trichlorophenol	0.379	0.399		5.277	20.0
2-Fluorobiphenyl	1.303	1.338		2.686	
2,4,5-Trichlorophenol	0.423	0.437		3.31	
1,1-Biphenyl	1.428	1.466		2.661	

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Lab File ID: BM048211.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.126	1.160		3.02	
2-Nitroaniline	0.305	0.318		4.262	
Dimethylphthalate	1.365	1.373		0.586	
Acenaphthylene	1.643	1.687		2.678	
2,6-Dinitrotoluene	0.305	0.315		3.279	
3-Nitroaniline	0.287	0.318		10.801	
Acenaphthene	1.044	1.059		1.437	20.0
2,4-Dinitrophenol	0.178	0.184	0.050	3.371	
4-Nitrophenol	0.256	0.264	0.050	3.125	
Dibenzofuran	1.658	1.689		1.87	
2,4-Dinitrotoluene	0.402	0.425		5.721	
Diethylphthalate	1.382	1.391		0.651	
4-Chlorophenyl-phenylether	0.656	0.673		2.591	
Fluorene	1.311	1.335		1.831	
4-Nitroaniline	0.297	0.327		10.101	
4,6-Dinitro-2-methylphenol	0.116	0.129		11.207	
n-Nitrosodiphenylamine	0.549	0.570		3.825	20.0
Azobenzene	1.239	1.278		3.148	
2,4,6-Tribromophenol	0.245	0.251		2.449	
4-Bromophenyl-phenylether	0.203	0.209		2.956	
Hexachlorobenzene	0.244	0.251		2.869	
Atrazine	0.154	0.154		0.0	
Pentachlorophenol	0.160	0.171		6.875	20.0
Phenanthrene	0.990	1.012		2.222	
Anthracene	0.959	0.994		3.65	
Carbazole	0.940	0.981		4.362	
Di-n-butylphthalate	1.170	1.227		4.872	
Fluoranthene	1.181	1.202		1.778	20.0
Benzidine	0.231	0.372		61.039	
Pyrene	1.339	1.394		4.108	
Terphenyl-d14	0.980	1.013		3.367	
Butylbenzylphthalate	0.560	0.598		6.786	
3,3-Dichlorobenzidine	0.438	0.458		4.566	
Benzo(a)anthracene	1.278	1.318		3.13	
Chrysene	1.227	1.249		1.793	
Bis(2-ethylhexyl)phthalate	0.814	0.870		6.88	
Di-n-octyl phthalate	1.409	1.494		6.033	20.0
Benzo(b)fluoranthene	1.147	1.188		3.575	
Benzo(k)fluoranthene	1.109	1.158		4.418	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102424 SAS No.: BM102424 SDG No.: BM102424

Instrument ID: BNA_M Calibration Date/Time: 10/24/2024 : 11:11

Lab File ID: BM048211.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	1.039		4.213	20.0
Indeno(1,2,3-cd)pyrene	1.323	1.371		3.628	
Dibenzo(a,h)anthracene	1.101	1.147		4.178	
Benzo(g,h,i)perylene	1.128	1.164		3.191	
1,2,4,5-Tetrachlorobenzene	0.572	0.590		3.147	
1,4-Dioxane	0.487	0.489		0.411	20.0
2,3,4,6-Tetrachlorophenol	0.351	0.360		2.564	
1-Methylnaphthalene	0.691	0.695		0.579	

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.: BM102424 SAS No.: BM102424 SDG No.: BM102424

Instrument ID: BNA_M Calibration Date/Time: 10/24/2024 : 21:05

Lab File ID: BM048226.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	0.573		4.372	50.0
Pyridine	1.294	1.309		1.159	50.0
2-Fluorophenol	1.190	1.198		0.672	50.0
Benzaldehyde	0.761	0.813		6.833	50.0
Aniline	1.286	1.341		4.277	50.0
Phenol-d6	1.550	1.568		1.161	50.0
Phenol	1.559	1.573		0.898	50.0
bis(2-Chloroethyl)ether	1.242	1.282		3.221	50.0
2-Chlorophenol	1.293	1.310		1.315	50.0
1,2-Dichlorobenzene	1.463	1.474		0.752	50.0
1,3-Dichlorobenzene	1.490	1.506		1.074	50.0
1,4-Dichlorobenzene	1.514	1.527		0.859	50.0
Benzyl Alcohol	0.989	1.018		2.932	50.0
2-Methylphenol	1.036	1.059		2.22	50.0
2,2-oxybis(1-Chloropropane)	1.816	1.853		2.037	50.0
Acetophenone	0.488	0.503		3.074	50.0
3+4-Methylphenols	1.435	1.447		0.836	50.0
n-Nitroso-di-n-propylamine	0.980	0.982	0.050	0.204	50.0
Nitrobenzene-d5	0.354	0.372		5.085	50.0
Hexachloroethane	0.555	0.565		1.802	50.0
Nitrobenzene	0.367	0.381		3.815	50.0
Isophorone	0.649	0.660		1.695	50.0
2-Nitrophenol	0.169	0.181		7.101	50.0
2,4-Dimethylphenol	0.206	0.215		4.369	50.0
bis(2-Chloroethoxy)methane	0.411	0.425		3.406	50.0
2,4-Dichlorophenol	0.296	0.312		5.405	50.0
1,2,4-Trichlorobenzene	0.339	0.351		3.54	50.0
Benzoic acid	0.229	0.236		3.057	50.0
Naphthalene	1.043	1.063		1.918	50.0
4-Chloroaniline	0.338	0.370		9.467	50.0
Hexachlorobutadiene	0.210	0.219		4.286	50.0
Caprolactam	0.096	0.096		0.0	50.0
4-Chloro-3-methylphenol	0.309	0.315		1.942	50.0
2-Methylnaphthalene	0.697	0.703		0.861	50.0
Hexachlorocyclopentadiene	0.193	0.209	0.050	8.29	50.0
2,4,6-Trichlorophenol	0.379	0.402		6.069	50.0
2-Fluorobiphenyl	1.303	1.343		3.07	50.0
2,4,5-Trichlorophenol	0.423	0.446		5.437	50.0
1,1-Biphenyl	1.428	1.474		3.221	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	1.166		3.552	50.0
2-Nitroaniline	0.305	0.331		8.525	50.0
Dimethylphthalate	1.365	1.391		1.905	50.0
Acenaphthylene	1.643	1.681		2.313	50.0
2,6-Dinitrotoluene	0.305	0.320		4.918	50.0
3-Nitroaniline	0.287	0.316		10.105	50.0
Acenaphthene	1.044	1.062		1.724	50.0
2,4-Dinitrophenol	0.178	0.177	0.050	-0.562	50.0
4-Nitrophenol	0.256	0.263	0.050	2.734	50.0
Dibenzofuran	1.658	1.666		0.483	50.0
2,4-Dinitrotoluene	0.402	0.425		5.721	50.0
Diethylphthalate	1.382	1.402		1.447	50.0
4-Chlorophenyl-phenylether	0.656	0.663		1.067	50.0
Fluorene	1.311	1.314		0.229	50.0
4-Nitroaniline	0.297	0.317		6.734	50.0
4,6-Dinitro-2-methylphenol	0.116	0.125		7.759	50.0
n-Nitrosodiphenylamine	0.549	0.577		5.1	50.0
Azobenzene	1.239	1.298		4.762	50.0
2,4,6-Tribromophenol	0.245	0.251		2.449	50.0
4-Bromophenyl-phenylether	0.203	0.213		4.926	50.0
Hexachlorobenzene	0.244	0.253		3.689	50.0
Atrazine	0.154	0.148		-3.896	50.0
Pentachlorophenol	0.160	0.171		6.875	50.0
Phenanthrene	0.990	1.004		1.414	50.0
Anthracene	0.959	0.975		1.668	50.0
Carbazole	0.940	0.939		-0.106	50.0
Di-n-butylphthalate	1.170	1.205		2.991	50.0
Fluoranthene	1.181	1.139		-3.556	50.0
Benzidine	0.231	0.215		-6.926	50.0
Pyrene	1.339	1.480		10.53	50.0
Terphenyl-d14	0.980	1.082		10.408	50.0
Butylbenzylphthalate	0.560	0.607		8.393	50.0
3,3-Dichlorobenzidine	0.438	0.438		0.0	50.0
Benzo(a)anthracene	1.278	1.310		2.504	50.0
Chrysene	1.227	1.247		1.63	50.0
Bis(2-ethylhexyl)phthalate	0.814	0.879		7.985	50.0
Di-n-octyl phthalate	1.409	1.446		2.626	50.0
Benzo(b)fluoranthene	1.147	1.181		2.964	50.0
Benzo(k)fluoranthene	1.109	1.180		6.402	50.0

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	1.035		3.811	50.0
Indeno(1,2,3-cd)pyrene	1.323	1.336		0.983	50.0
Dibenzo(a,h)anthracene	1.101	1.116		1.362	50.0
Benzo(g,h,i)perylene	1.128	1.133		0.443	50.0
1,2,4,5-Tetrachlorobenzene	0.572	0.598		4.545	50.0
1,4-Dioxane	0.487	0.486		-0.205	50.0
2,3,4,6-Tetrachlorophenol	0.351	0.360		2.564	50.0
1-Methylnaphthalene	0.691	0.697		0.868	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	PB164369BL	SDG No.:	BM102424
Lab Sample ID:	PB164369BL	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
BM048212.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BM102424
Lab Sample ID:	PB164369BL	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
BM048212.D	1	10/23/2024 12:00:00 AM	10/24/2024 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	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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BM102424
Lab Sample ID:	PB164369BL	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
BM048212.D	1	10/23/2024 12:00:00 AM	10/24/2024 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	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	151.386		10-139		101	SPK: -150
13127-88-3	Phenol-d6	137.876		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	92.137		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	93.827		52-132		94	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:	PB164369BL	SDG No.:	BM102424
Lab Sample ID:	PB164369BL	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
BM048212.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.716		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	105.488		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201808	7.722				
1146-65-2	Naphthalene-d8	755271	10.51				
15067-26-2	Acenaphthene-d10	451085	14.368				
1517-22-2	Phenanthrene-d10	855662	17.109				
1719-03-5	Chrysene-d12	674681	21.333				
1520-96-3	Perylene-d12	711330	24.291				

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048213.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.8	J	1	8	10	ug/L
110-86-1	Pyridine	4.9	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	7.9	J	4	8	10	ug/L
62-53-3	Aniline	7.1		1.6	4	5	ug/L
108-95-2	Phenol	5.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	5.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	5.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	5.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	5.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	5.5	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	5.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.1		1.4	4	5	ug/L
98-86-2	Acetophenone	6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	5.1	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	5.6		1	4	5	ug/L
98-95-3	Nitrobenzene	5.8		1.3	4	5	ug/L
78-59-1	Isophorone	5.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	5.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.7	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	5.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	5.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	5.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	5.4		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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048213.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	4.9	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	5.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	5.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	5.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	6.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	5.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	5.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	5.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	6.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	5.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	4.9	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	5.7		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	4	J	2	8	10	ug/L
132-64-9	Dibenzofuran	5.9		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.8	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	5.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.9		0.98	4	5	ug/L
86-73-7	Fluorene	5.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	4.2	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.4	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	5.8		0.89	4	5	ug/L
103-33-3	Azobenzene	5.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	5.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	5.8		1.1	4	5	ug/L
1912-24-9	Atrazine	6.9		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	4.7	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	6		0.89	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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	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
BM048213.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	5.4		1.1	4	5	ug/L
86-74-8	Carbazole	5.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	5.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	5.5		1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	5.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	5.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	5.7		0.94	4	5	ug/L
218-01-9	Chrysene	5.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.8	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	5.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	6.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	5.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	5.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	107.03	*	10-139			SPK: -0
13127-88-3	Phenol-d6	110.329	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	82.975	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	81.558	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	113.365	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	78.193	*	48-125			SPK: -0

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048213.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220248	7.722				
1146-65-2	Naphthalene-d8	865496	10.51				
15067-26-2	Acenaphthene-d10	551100	14.363				
1517-22-2	Phenanthrene-d10	1116185	17.11				
1719-03-5	Chrysene-d12	1020603	21.333				
1520-96-3	Perylene-d12	1083068	24.286				

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048214.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.5	J	1	8	10	ug/L
110-86-1	Pyridine	6.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10.3		4	8	10	ug/L
62-53-3	Aniline	9.2		1.6	4	5	ug/L
108-95-2	Phenol	7.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	7.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	7.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	7.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	7.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	7.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.2	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	6.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7.9		1.4	4	5	ug/L
98-86-2	Acetophenone	7.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	6.5	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	7.2		1	4	5	ug/L
98-95-3	Nitrobenzene	7.1		1.3	4	5	ug/L
78-59-1	Isophorone	7.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	6.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.7	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	7.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	6.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	8.7	J	5.5	8	10	ug/L
91-20-3	Naphthalene	7.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	7.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	6.9		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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048214.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.4	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	6.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	7.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	7.3	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	6.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	6.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	7.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	7.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	6.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	7.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	7.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	6.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	6.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	7.2		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	5.2	J	2	8	10	ug/L
132-64-9	Dibenzofuran	7.5		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	6.3		1.5	4	5	ug/L
84-66-2	Diethylphthalate	7.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	7.4		0.98	4	5	ug/L
86-73-7	Fluorene	7.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	5.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.9	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	7.3		0.89	4	5	ug/L
103-33-3	Azobenzene	7.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	7.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	7.3		1.1	4	5	ug/L
1912-24-9	Atrazine	8.8		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	11.6		1.9	8	10	ug/L
85-01-8	Phenanthrene	7.6		0.89	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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048214.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	6.8		1.1	4	5	ug/L
86-74-8	Carbazole	6.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	6.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	7		1.3	4	5	ug/L
92-87-5	Benzidine	6.1	J	4.1	8	10	ug/L
129-00-0	Pyrene	7.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	6.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	6.4	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	7.2		0.94	4	5	ug/L
218-01-9	Chrysene	7.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	6.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	6.2	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	7.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	7.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	7.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	7.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	7.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	6.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	87.2	*	10-139			SPK: -0
13127-88-3	Phenol-d6	86.65	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	61.615	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	62.544	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	87.862	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	60.561	*	48-125			SPK: -0

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048214.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180596	7.722				
1146-65-2	Naphthalene-d8	728323	10.51				
15067-26-2	Acenaphthene-d10	453265	14.363				
1517-22-2	Phenanthrene-d10	911693	17.11				
1719-03-5	Chrysene-d12	841992	21.333				
1520-96-3	Perylene-d12	892735	24.286				

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:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048215.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4	J	1	8	10	ug/L
110-86-1	Pyridine	3	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.6	J	4	8	10	ug/L
62-53-3	Aniline	4.5	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	3.7	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.6	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	3.6	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	3.4	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.3	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.8	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.5	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	3.1	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	3.4	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	3	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.2	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	3.4	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.2	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048215.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2.7	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.3	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	2.8	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	3.4	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	3.6	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.8	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	2.7	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.3	J	0.81	4	5	ug/L
Total PAH	Total PAH	53.4	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)	6.3	J	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	3.2	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	3.4	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.1	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	3.2	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	3.4	J	1.1	4	5	ug/L
1912-24-9	Atrazine	3.9	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048215.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.7	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	3.5	J	0.89	4	5	ug/L
120-12-7	Anthracene	3.3	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.1	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	3.2	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	3.3	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.2	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.4	J	0.94	4	5	ug/L
218-01-9	Chrysene	3.4	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.2	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.7	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.3	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.4	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.3	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.3	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	3.4	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	3.7	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.1	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.2	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	106.06		10-139		71	SPK: -150
13127-88-3	Phenol-d6	108.068		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	72.851		49-133		73	SPK: -100
321-60-8	2-Fluorobiphenyl	69.525		52-132		70	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:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048215.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.604		44-137		70	SPK: -150
1718-51-0	Terphenyl-d14	64.143		48-125		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252931	7.722				
1146-65-2	Naphthalene-d8	1042873	10.51				
15067-26-2	Acenaphthene-d10	665925	14.368				
1517-22-2	Phenanthrene-d10	1330654	17.109				
1719-03-5	Chrysene-d12	1195942	21.333				
1520-96-3	Perylene-d12	1321753	24.285				

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048216.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	170		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	270	J	180	270	330	ug/Kg
62-53-3	Aniline	240		96.8	130	170	ug/Kg
108-95-2	Phenol	200		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	200		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	190		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	190		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	200		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	180	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	180		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210		90.8	130	170	ug/Kg
98-86-2	Acetophenone	200		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	170	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	190		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	190		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	190		90.7	130	170	ug/Kg
78-59-1	Isophorone	190		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	170		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	190		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	200		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	180		83.2	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048216.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	170	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	190		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	210		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	190		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	170		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	200		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	210		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	160	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	190		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	130	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	200		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	190		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200		85.5	130	170	ug/Kg
86-73-7	Fluorene	200		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	140	J	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190		81.5	130	170	ug/Kg
103-33-3	Azobenzene	190		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	190		84.9	130	170	ug/Kg
1912-24-9	Atrazine	230		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	160	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	200		83.9	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048216.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	180		84.3	130	170	ug/Kg
86-74-8	Carbazole	180		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	180		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	190		81.6	130	170	ug/Kg
92-87-5	Benzidine	170	J	160	270	330	ug/Kg
129-00-0	Pyrene	180		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	170		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	190		80.6	130	170	ug/Kg
218-01-9	Chrysene	200		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	170	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	200		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	190		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	180		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.639	*	18-112			SPK: -0
13127-88-3	Phenol-d6	113.66	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	81.47	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	81.851	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	114.864	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	76.77	*	10-105			SPK: -0

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048216.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190081	7.722				
1146-65-2	Naphthalene-d8	760664	10.51				
15067-26-2	Acenaphthene-d10	481809	14.363				
1517-22-2	Phenanthrene-d10	989269	17.109				
1719-03-5	Chrysene-d12	958330	21.333				
1520-96-3	Perylene-d12	1057061	24.285				

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048217.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	240	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	220		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	340		180	270	330	ug/Kg
62-53-3	Aniline	300		96.8	130	170	ug/Kg
108-95-2	Phenol	250		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	250		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	250		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	250		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	250		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	240	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	230		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	260		90.8	130	170	ug/Kg
98-86-2	Acetophenone	260		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	220	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	250		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	250		90.7	130	170	ug/Kg
78-59-1	Isophorone	240		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	220		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	120	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	240		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	230		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	240		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	290	J	240	270	330	ug/Kg
91-20-3	Naphthalene	240		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	250		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	230		83.2	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048217.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	200	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	220		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	240		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	250		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	240		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	210		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	240		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	250		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	210		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	210		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	240		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	170	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	250		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	200		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	240		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	250		85.5	130	170	ug/Kg
86-73-7	Fluorene	250		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	180		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240		81.5	130	170	ug/Kg
103-33-3	Azobenzene	240		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	240		84.9	130	170	ug/Kg
1912-24-9	Atrazine	290		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	390		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	250		83.9	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048217.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	230		84.3	130	170	ug/Kg
86-74-8	Carbazole	230		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	220		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	230		81.6	130	170	ug/Kg
92-87-5	Benzidine	200	J	160	270	330	ug/Kg
129-00-0	Pyrene	230		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	220		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	230	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	240		80.6	130	170	ug/Kg
218-01-9	Chrysene	250		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	210	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	260		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	260		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	260		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	220		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.903	*	18-112			SPK: -0
13127-88-3	Phenol-d6	86.789	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	62.37	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	61.87	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	86.943	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	59.174	*	10-105			SPK: -0

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048217.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182620	7.722				
1146-65-2	Naphthalene-d8	730673	10.51				
15067-26-2	Acenaphthene-d10	456826	14.363				
1517-22-2	Phenanthrene-d10	915080	17.109				
1719-03-5	Chrysene-d12	860079	21.333				
1520-96-3	Perylene-d12	927674	24.285				

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048218.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	12.2		1	8	10	ug/L
110-86-1	Pyridine	11.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.8		4	8	10	ug/L
62-53-3	Aniline	15.4		1.6	4	5	ug/L
108-95-2	Phenol	12.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	12.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	12.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	12.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	12.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	12.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	11.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	11.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13		1.4	4	5	ug/L
98-86-2	Acetophenone	12.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	11.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	12		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	12		1	4	5	ug/L
98-95-3	Nitrobenzene	11.7		1.3	4	5	ug/L
78-59-1	Isophorone	11.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	10.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	8.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	11.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	11.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	11.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	11.5		5.5	8	10	ug/L
91-20-3	Naphthalene	12		1	4	5	ug/L
106-47-8	4-Chloroaniline	12.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	11.5		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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048218.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	10.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	11.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	11.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	12.9		5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	11.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	11.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	12.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	11.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	10.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	12		0.93	4	5	ug/L
208-96-8	Acenaphthylene	12.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	10.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	11.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	11.8		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	9.2	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	9.6	J	2	8	10	ug/L
132-64-9	Dibenzofuran	12.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	10.3		1.5	4	5	ug/L
84-66-2	Diethylphthalate	11.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	12		0.98	4	5	ug/L
86-73-7	Fluorene	12.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	10		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	11.9		0.89	4	5	ug/L
103-33-3	Azobenzene	12		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	11.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	11.8		1.1	4	5	ug/L
1912-24-9	Atrazine	14.3		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	15.5		1.9	8	10	ug/L
85-01-8	Phenanthrene	12.3		0.89	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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048218.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	11.8		1.1	4	5	ug/L
86-74-8	Carbazole	11.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	11.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	11.9		1.3	4	5	ug/L
92-87-5	Benzidine	12.8		4.1	8	10	ug/L
129-00-0	Pyrene	11.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	10.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	11.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	12		0.94	4	5	ug/L
218-01-9	Chrysene	12.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	11.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	10.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	12.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	13.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	13		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	12.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	12.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	11.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	12.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	13.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	12		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	11.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	88.368	*	10-139			SPK: -0
13127-88-3	Phenol-d6	87.98	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	62.078	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	61.863	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	87.547	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	58.927	*	48-125			SPK: -0

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048218.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133286	7.716				
1146-65-2	Naphthalene-d8	533913	10.51				
15067-26-2	Acenaphthene-d10	339157	14.362				
1517-22-2	Phenanthrene-d10	695451	17.103				
1719-03-5	Chrysene-d12	681603	21.333				
1520-96-3	Perylene-d12	738617	24.285				

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048219.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	410		86.7	270	330	ug/Kg
110-86-1	Pyridine	370		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	550		180	270	330	ug/Kg
62-53-3	Aniline	520		96.8	130	170	ug/Kg
108-95-2	Phenol	420		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	420		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	420		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	410		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	410		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	420		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	400		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	380		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	440		90.8	130	170	ug/Kg
98-86-2	Acetophenone	410		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	370		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	380		90.7	130	170	ug/Kg
78-59-1	Isophorone	400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	360		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	270		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	390		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	380		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	370		240	270	330	ug/Kg
91-20-3	Naphthalene	400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	420		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	380		83.2	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048219.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	350		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	370		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	390		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	430		160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	370		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	410		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	390		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	360		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	430		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	360		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	370		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	390		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	320	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	310	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	410		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	350		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	390		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400		85.5	130	170	ug/Kg
86-73-7	Fluorene	400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	320		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	390		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	390		84.9	130	170	ug/Kg
1912-24-9	Atrazine	480		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	520		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	410		83.9	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048219.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	400		84.3	130	170	ug/Kg
86-74-8	Carbazole	390		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	380		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	390		81.6	130	170	ug/Kg
92-87-5	Benzidine	430		160	270	330	ug/Kg
129-00-0	Pyrene	390		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	370		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	400		80.6	130	170	ug/Kg
218-01-9	Chrysene	410		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	360		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	440		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	430		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	410		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	440		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	370		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.377	*	18-112			SPK: -0
13127-88-3	Phenol-d6	88.578	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	61.99	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	62.624	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	86.569	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	59.79	*	10-105			SPK: -0

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048219.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147193	7.716				
1146-65-2	Naphthalene-d8	597677	10.51				
15067-26-2	Acenaphthene-d10	374215	14.363				
1517-22-2	Phenanthrene-d10	752639	17.104				
1719-03-5	Chrysene-d12	711579	21.333				
1520-96-3	Perylene-d12	762405	24.286				

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048220.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.1	J	1	8	10	ug/L
110-86-1	Pyridine	4.3	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	7.1	J	4	8	10	ug/L
62-53-3	Aniline	6.3		1.6	4	5	ug/L
108-95-2	Phenol	5.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	5.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	5.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	4.7	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4.7	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.4		1.4	4	5	ug/L
98-86-2	Acetophenone	5.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.5	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.8	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.9	J	1.3	4	5	ug/L
78-59-1	Isophorone	5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	4.4	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.9	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.8	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	4.4	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.9	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	5		1	4	5	ug/L
106-47-8	4-Chloroaniline	5.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	4.7	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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048220.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	4.2	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.5	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.9	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.4	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.5	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	5.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4.9	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	4.3	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	5.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	5.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.3	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	4.3	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	5		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	3.2	J	2	8	10	ug/L
132-64-9	Dibenzofuran	5.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.9	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.1		0.98	4	5	ug/L
86-73-7	Fluorene	5.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	3.7	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.5	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	5		0.89	4	5	ug/L
103-33-3	Azobenzene	4.9	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.9	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	5.1		1.1	4	5	ug/L
1912-24-9	Atrazine	6.1		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	4.1	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	5.3		0.89	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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	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
BM048220.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	4.7	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.8	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	4.8	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	5		1.3	4	5	ug/L
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4.8	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.5	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.6	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	5		0.94	4	5	ug/L
218-01-9	Chrysene	5.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.7	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.2	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	5.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	5.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	5.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.9	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	5.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	4.8	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	97.594	*	10-139			SPK: -0
13127-88-3	Phenol-d6	98.069	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	71.656	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	71.292	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	100.544	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	68.38	*	48-125			SPK: -0

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:	LOQ-WATER-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048220.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197964	7.716				
1146-65-2	Naphthalene-d8	798264	10.51				
15067-26-2	Acenaphthene-d10	508785	14.363				
1517-22-2	Phenanthrene-d10	1023122	17.104				
1719-03-5	Chrysene-d12	1004888	21.333				
1520-96-3	Perylene-d12	1104440	24.286				

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048221.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	160	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	140	J	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	230	J	180	270	330	ug/Kg
62-53-3	Aniline	210		96.8	130	170	ug/Kg
108-95-2	Phenol	170		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	170		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	170		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	170		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	170		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	160	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	160	J	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180		90.8	130	170	ug/Kg
98-86-2	Acetophenone	170		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	150	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	170		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	170		90.7	130	170	ug/Kg
78-59-1	Isophorone	170		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	110	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	J	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	150	J	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	170		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	170		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	170		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	160	J	83.2	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048221.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	J	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	180		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	170		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	170		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	180		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	170		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	180		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	160	J	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170		85.5	130	170	ug/Kg
86-73-7	Fluorene	170		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	120	J	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	160	J	81.5	130	170	ug/Kg
103-33-3	Azobenzene	160	J	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	J	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	170		84.9	130	170	ug/Kg
1912-24-9	Atrazine	200		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	140	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	180		83.9	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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048221.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	150	J	84.3	130	170	ug/Kg
86-74-8	Carbazole	160	J	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	160	J	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	170		81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	160	J	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	170		80.6	130	170	ug/Kg
218-01-9	Chrysene	170		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	140	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	180		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	170		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	180		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	160	J	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.881	*	18-112			SPK: -0
13127-88-3	Phenol-d6	98.687	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	72.976	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	73.036	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	102.513	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	68.638	*	10-105			SPK: -0

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:	LOQ-SOIL-02-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048221.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200778	7.716				
1146-65-2	Naphthalene-d8	794478	10.51				
15067-26-2	Acenaphthene-d10	501625	14.363				
1517-22-2	Phenanthrene-d10	1024259	17.104				
1719-03-5	Chrysene-d12	1016626	21.333				
1520-96-3	Perylene-d12	1127493	24.285				

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:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048222.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.4	J	1	8	10	ug/L
110-86-1	Pyridine	7.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.8		4	8	10	ug/L
62-53-3	Aniline	10.5		1.6	4	5	ug/L
108-95-2	Phenol	8.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.3		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	8.2		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	8.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.9	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	7.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	8.8		1.4	4	5	ug/L
98-86-2	Acetophenone	8.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	7.4	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8		1	4	5	ug/L
98-95-3	Nitrobenzene	8		1.3	4	5	ug/L
78-59-1	Isophorone	8.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	5.8		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	7.8		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:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048222.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	6.8	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	7.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5.5	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8		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	8.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	8		0.81	4	5	ug/L
Total PAH	Total PAH	130.4		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	5.8	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)	3.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	6.8		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	6.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.2	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		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8		1.1	4	5	ug/L
1912-24-9	Atrazine	9.8		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:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048222.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.8	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.4		0.89	4	5	ug/L
120-12-7	Anthracene	8		1.1	4	5	ug/L
86-74-8	Carbazole	7.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	7.9		1.3	4	5	ug/L
92-87-5	Benzidine	11		4.1	8	10	ug/L
129-00-0	Pyrene	7.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	8	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	7.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	6.9	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.3		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	7.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8.1		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	124.667		10-139		83	SPK: -150
13127-88-3	Phenol-d6	124.822		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	90.516		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	87.884		52-132		88	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:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048222.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.346		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	78.121		48-125		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202686	7.716				
1146-65-2	Naphthalene-d8	812489	10.51				
15067-26-2	Acenaphthene-d10	512546	14.363				
1517-22-2	Phenanthrene-d10	1024738	17.104				
1719-03-5	Chrysene-d12	985684	21.333				
1520-96-3	Perylene-d12	1094292	24.286				

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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048223.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

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	100	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	J	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	120	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)	120	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	110	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	98.2	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	99.4	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	110	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048223.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

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	98.6	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	98.1	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.6	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	89	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	1780	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	110	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	100	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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048223.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.3	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	99.5	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	110	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	100	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	99.6	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	120	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	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	120	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	130	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	107.092		18-112		71	SPK: -150
13127-88-3	Phenol-d6	106.639		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	74.457		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	71.48		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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048223.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.589		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	62.939		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240266	7.716				
1146-65-2	Naphthalene-d8	973832	10.51				
15067-26-2	Acenaphthene-d10	618085	14.363				
1517-22-2	Phenanthrene-d10	1239411	17.104				
1719-03-5	Chrysene-d12	1203213	21.333				
1520-96-3	Perylene-d12	1368076	24.286				

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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048224.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	250		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	390		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	280		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	250	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	280		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	280		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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048224.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	230	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	270		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260		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	280		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	270		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	240		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	270		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	4370		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	200	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	280		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	230		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	470		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	260		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	200		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	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
BM048224.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

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	270		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	260		81.7	130	170	ug/Kg
92-87-5	Benzidine	330		160	270	330	ug/Kg
129-00-0	Pyrene	260		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	240		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	270		80.7	130	170	ug/Kg
218-01-9	Chrysene	280		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	230	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	280		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	290		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	124.609		18-112		83	SPK: -150
13127-88-3	Phenol-d6	124.483		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	91.601		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.785		20-109		88	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:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BM102424
Lab Sample ID:	P4368-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048224.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.425		10-116		85	SPK: -150
1718-51-0	Terphenyl-d14	78.497		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202020	7.716				
1146-65-2	Naphthalene-d8	806769	10.51				
15067-26-2	Acenaphthene-d10	512127	14.363				
1517-22-2	Phenanthrene-d10	1028987	17.104				
1719-03-5	Chrysene-d12	986189	21.333				
1520-96-3	Perylene-d12	1095157	24.28				

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:	PB164366BL	SDG No.:	BM102424
Lab Sample ID:	PB164366BL	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
BM048225.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BM102424
Lab Sample ID:	PB164366BL	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
BM048225.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BM102424
Lab Sample ID:	PB164366BL	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
BM048225.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

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	142.855		18-112		95	SPK: -150
13127-88-3	Phenol-d6	132.581		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	91.993		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	93.583		20-109		94	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:	PB164366BL	SDG No.:	BM102424
Lab Sample ID:	PB164366BL	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
BM048225.D	1	10/24/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.822		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	102.715		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217658	7.716				
1146-65-2	Naphthalene-d8	789248	10.51				
15067-26-2	Acenaphthene-d10	473893	14.363				
1517-22-2	Phenanthrene-d10	888629	17.11				
1719-03-5	Chrysene-d12	683470	21.333				
1520-96-3	Perylene-d12	722400	24.286				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.846	

Hit Summary Sheet SW-846

SDG No.: BM102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOD-MDL-SOIL-01-QT4-2024								
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	120.000	J	87.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	110.000	J	86.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	110.000	J	85.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	120.000	J	84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	120.000	J	86	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	120.000	J	86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	130.000	J	110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	110.000	J	83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	120.000	J	90.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	74.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	95.600	J	74	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	98.100	J	71.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	99.400	J	75.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	89.000	J	83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	110.000	J	83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	120.000	J	83.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	110.000	J	82.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	110.000	J	80.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	98.200	J	94.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	100.000	J	79.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	99.600	J	98.6	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	110.000	J	78.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	98.600	J	77.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	120.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	110.000	J	85.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	110.000	J	81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	120.000	J	86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	120.000	J	86.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	150.000	J	96.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	110.000	J	84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	130.000	J	91.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	100.000	J	79.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	180.000	J	180	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	110.000	J	80.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	110.000	J	93	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	110.000	J	81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	100.000	J	80.1	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	120.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	110.000	J	83	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	110.000	J	85.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	120.000	J	83.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	100.000	J	91	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	100.000	J	80.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	120.000	J	79.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	99.500	J	84.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	110.000	J	81.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	110.000	J	84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	110.000	J	80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	110.000	J	81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	110.000	J	81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	110.000	J	85.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	110.000	J	85	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	110.000	J	83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	110.000	J	83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	78.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	110.000	J	84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	110.000		40.3	80	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	120.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	110.000	J	81.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	110.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	120.000	J	90.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	88.300	J	77.3	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	120.000	J	84	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	120.000	J	82.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	100.000	J	83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	100.000	J	79.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	1,780.000	J	1325.1	2720	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	280.000		87.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	280.000		86.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	270.000		85.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	280.000		84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	280.000		86	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	280.000		86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	290.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	250.000		83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	300.000		90.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	260.000		74.7	170	ug/Kg

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SDG No.: BM102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	250.000		74	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	260.000		71.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	260.000		75.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	190.000		93.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	230.000		86.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	240.000		83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	270.000		83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	280.000		83.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	270.000		82.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	250.000		80.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	240.000		95	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	250.000		94.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	250.000	J	79.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	270.000	J	98.6	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	240.000		89.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4,6-Dinitro-2-methylphenol	200.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	270.000		78.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	250.000		77.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	280.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	270.000		85.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitroaniline	200.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitrophenol	200.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	270.000		81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	290.000		86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	280.000		86.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	350.000		96.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	270.000		84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	330.000		91.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	270.000		79.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	390.000		180	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzidine	330.000		160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	270.000		80.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	280.000		93	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	270.000		81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	260.000		80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	280.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	270.000	J	83	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	270.000		85.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	280.000		83.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	260.000		91	170	ug/Kg

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SDG No.: BM102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Butylbenzylphthalate	240.000		96.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	230.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	260.000		80.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	280.000		79.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	250.000		84.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-octyl phthalate	230.000	J	110	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	280.000		81.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	280.000		84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	260.000		80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	270.000		81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	260.000		81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	270.000		85.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	270.000		85	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	260.000		83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorocyclopentadiene	180.000	J	160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	280.000		83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	280.000		78.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	270.000		84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	270.000		40.3	80	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	270.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	270.000		81.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	270.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	280.000		90.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	230.000	J	77.3	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	280.000		84	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	280.000		82.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	260.000		83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	250.000		79.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	470.000		169.4	340	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	4,370.000		1325.1	2720	ug/Kg
Total Svoc :				34,716.30				
Total Concentration:				34,716.30				

Client ID : LOD-MDL-WATER-01-QT4-2024

P4368-07	LOD-MDL-WATER-01-C	Water	1,1-Biphenyl	3.600	J	0.91	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,2,4,5-Tetrachlorobenzene	3.400	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,2,4-Trichlorobenzene	3.400	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,2-Dichlorobenzene	3.600	J	0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,3-Dichlorobenzene	3.500	J	0.8	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,4-Dichlorobenzene	3.600	J	0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,4-Dioxane	3.700	J	1.3	5	ug/L

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SDG No.: BM102424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	3.200	J	0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	3.800	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	3.100	J	0.79	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	2.800	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	3.000	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	3.000	J	0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	2.200	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	2.500	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	2.800	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	3.300	J	0.97	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	3.700	J	0.71	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	2.800	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	3.000	J	2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	3.100	J	1.2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	3.200	J	1.3	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	2.700	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	3.300	J	0.95	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	3.000	J	0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	3.400	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	3.400	J	0.98	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	2.100	J	2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthene	3.300	J	0.81	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	3.600	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acetophenone	3.500	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Aniline	4.500	J	1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Anthracene	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Atrazine	3.900	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Azobenzene	3.200	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	5.600	J	4	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	3.400	J	0.94	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	3.300	J	1.7	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	3.000	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	3.400	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	3.400	J	1.6	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	3.300	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	3.700	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	3.200	J	1.9	5	ug/L

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SDG No.: BM102424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	3.000	J	2.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Caprolactam	2.700	J	1.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Carbazole	3.100	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Chrysene	3.400	J	0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	3.000	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	2.700	J	2.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	3.300	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	3.500	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	3.200	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	3.400	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluoranthene	3.200	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluorene	3.400	J	0.96	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	3.400	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	3.200	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	3.500	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	3.300	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Isophorone	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	3.500		1.5	2.5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	4.000	J	1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	3.300	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Naphthalene	3.400	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	3.400	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	2.700	J	1.9	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenanthrene	3.500	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenol	3.600	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyrene	3.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyridine	3.000	J	1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.300	J	2.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Total PAH	53.400	J	17.36	80	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,1-Biphenyl	8.500		0.91	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4,5-Tetrachlorobenzene	8.300		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4-Trichlorobenzene	8.000		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2-Dichlorobenzene	8.200		0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,3-Dichlorobenzene	8.400		0.8	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dichlorobenzene	8.400		0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	8.500		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	7.600		0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	8.800		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	8.100		0.79	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	7.300		1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	7.500		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	7.600		0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	5.800		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	6.800		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	7.100		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	8.000		0.97	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	8.500		0.71	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	7.900		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	7.800		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	7.300		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	7.300		2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	7.400	J	1.2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	8.000	J	1.3	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	7.300		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4,6-Dinitro-2-methylphenol	6.200	J	3.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	8.000		0.95	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	7.300		0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	8.800		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	8.200		0.98	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	6.200		2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitrophenol	5.800	J	2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthene	8.000		0.81	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	8.600		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acetophenone	8.500		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Aniline	10.500		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Anthracene	8.000		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Atrazine	9.800		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Azobenzene	8.000		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	11.800		4	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzdine	11.000		4.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	8.100		0.94	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	8.400		1.7	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	8.000		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	7.800		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	8.500		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	7.900	J	1.6	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	8.100		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	8.300		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	7.600		1.9	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	7.100		2.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	Caprolactam	6.800	J	1.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Carbazole	7.900		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Chrysene	8.300		0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	7.500		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	6.900	J	2.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	8.200		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	8.300		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	7.700		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	8.000		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluoranthene	7.900		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluorene	8.200		0.96	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	8.000		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	7.800		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorocyclopentadiene	5.500	J	5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	8.000		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	8.300		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Isophorone	8.100		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	8.100		1.5	2.5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	8.400	J	1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	8.200		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Naphthalene	8.100		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	8.000		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	6.800	J	1.9	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenanthrene	8.400		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenol	8.300		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyrene	7.600		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyridine	7.400		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	13.900		2.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Total PAH	130.000		17.36	80	ug/L
Total Svoc :			1,066.20				
Total Concentration:			1,066.20				



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.: BM102424 SAS No.: BM102424 SDG NO.: BM102424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BM048204.D Time Analyzed: 11:50

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 PB164369BL	201808	7.72	755271	10.51	451085	14.37
02 LOD-MDL-WATER-01-QT4-2024	252931	7.72	1.04287e	10.51	665925	14.37
03 LOD-MDL-WATER-01-QT4-2024	202686	7.72	812489	10.51	512546	14.36
04 LOD-MDL-SOIL-01-QT4-2024	240266	7.72	973832	10.51	618085	14.36
05 LOD-MDL-SOIL-01-QT4-2024	202020	7.72	806769	10.51	512127	14.36
06 PB164366BL	217658	7.72	789248	10.51	473893	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.: BM102424 SAS No.: BM102424 SDG NO.: BM102424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BM048211.D Time Analyzed: 11:50

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	180168	7.722	716977	10.51	442164	14.37
UPPER LIMIT	360336	8.222	1433954	11.01	884328	14.868
LOWER LIMIT	90084	7.222	358488.5	10.01	221082	13.868
EPA SAMPLE NO.						
01 PB164369BL	201808	7.72	755271	10.51	451085	14.37
02 LOD-MDL-WATER-01-QT4-2024	252931	7.72	1.04287e	10.51	665925	14.37
03 LOD-MDL-WATER-01-QT4-2024	202686	7.72	812489	10.51	512546	14.36
04 LOD-MDL-SOIL-01-QT4-2024	240266	7.72	973832	10.51	618085	14.36
05 LOD-MDL-SOIL-01-QT4-2024	202020	7.72	806769	10.51	512127	14.36
06 PB164366BL	217658	7.72	789248	10.51	473893	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.: BM102424 SAS No.: BM102424 SDG NO.: BM102424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BM048204.D Time Analyzed: 11:50

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 PB164369BL	855662	17.11	674681	21.33	711330	24.29
02 LOD-MDL-WATER-01-QT4-2024	1.33065	17.11	1.19594e+	21.33	1.32175e+	24.29
03 LOD-MDL-WATER-01-QT4-2024	1.02474	17.10	985684	21.33	1.09429e+	24.29
04 LOD-MDL-SOIL-01-QT4-2024	1.23941	17.10	1.20321e+	21.33	1.36808e+	24.29
05 LOD-MDL-SOIL-01-QT4-2024	1.02899	17.10	986189	21.33	1.09516e+	24.28
06 PB164366BL	888629	17.11	683470	21.33	722400	24.29

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.: BM102424 SAS No.: BM102424 SDG NO.: BM102424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BM048211.D Time Analyzed: 11:50

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	865184	17.109	785707	21.339	904102	24.285
UPPER LIMIT	1730368	17.609	1571414	21.839	1808204	24.785
LOWER LIMIT	432592	16.609	392853.5	20.839	452051	23.785
EPA SAMPLE NO.						
01 PB164369BL	855662	17.11	674681	21.33	711330	24.29
02 LOD-MDL-WATER-01-QT4-2024	1.33065	17.11	1.19594e+	21.33	1.32175e+	24.29
03 LOD-MDL-WATER-01-QT4-2024	1.02474	17.10	985684	21.33	1.09429e+	24.29
04 LOD-MDL-SOIL-01-QT4-2024	1.23941	17.10	1.20321e+	21.33	1.36808e+	24.29
05 LOD-MDL-SOIL-01-QT4-2024	1.02899	17.10	986189	21.33	1.09516e+	24.28
06 PB164366BL	888629	17.11	683470	21.33	722400	24.29

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.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	n-Nitrosodimethylamine	330	190	ug/Kg	58		*		70	130	
	n-Nitrosodimethylamine	330	240	ug/Kg	73				70	130	
	n-Nitrosodimethylamine	330	410	ug/Kg	124				70	130	
	n-Nitrosodimethylamine	330	160	ug/Kg	48		*		70	130	
	Pyridine	170	140	ug/Kg	82				70	130	
	Pyridine	170	370	ug/Kg	218		*		70	130	
	Pyridine	170	220	ug/Kg	129				70	130	
	Pyridine	170	170	ug/Kg	100				70	130	
	Benzaldehyde	330	340	ug/Kg	103				70	130	
	Benzaldehyde	330	270	ug/Kg	82				70	130	
	Benzaldehyde	330	550	ug/Kg	167		*		70	130	
	Benzaldehyde	330	230	ug/Kg	70				70	130	
	Aniline	170	210	ug/Kg	124				70	130	
	Aniline	170	520	ug/Kg	306		*		70	130	
	Aniline	170	240	ug/Kg	141		*		70	130	
	Aniline	170	300	ug/Kg	176		*		70	130	
	Phenol	170	200	ug/Kg	118				70	130	
	Phenol	170	420	ug/Kg	247		*		70	130	
	Phenol	170	250	ug/Kg	147		*		70	130	
	Phenol	170	170	ug/Kg	100				70	130	
	bis(2-Chloroethyl)ether	170	170	ug/Kg	100				70	130	
	bis(2-Chloroethyl)ether	170	250	ug/Kg	147		*		70	130	
	bis(2-Chloroethyl)ether	170	420	ug/Kg	247		*		70	130	
	bis(2-Chloroethyl)ether	170	200	ug/Kg	118				70	130	
	2-Chlorophenol	170	200	ug/Kg	118				70	130	
	2-Chlorophenol	170	250	ug/Kg	147		*		70	130	
	2-Chlorophenol	170	420	ug/Kg	247		*		70	130	
	2-Chlorophenol	170	170	ug/Kg	100				70	130	
	1,2-Dichlorobenzene	170	410	ug/Kg	241		*		70	130	
	1,2-Dichlorobenzene	170	170	ug/Kg	100				70	130	
	1,2-Dichlorobenzene	170	250	ug/Kg	147		*		70	130	
	1,2-Dichlorobenzene	170	190	ug/Kg	112				70	130	
	1,3-Dichlorobenzene	170	190	ug/Kg	112				70	130	
	1,3-Dichlorobenzene	170	250	ug/Kg	147		*		70	130	
	1,3-Dichlorobenzene	170	170	ug/Kg	100				70	130	
	1,3-Dichlorobenzene	170	410	ug/Kg	241		*		70	130	
	1,4-Dichlorobenzene	170	420	ug/Kg	247		*		70	130	
	1,4-Dichlorobenzene	170	170	ug/Kg	100				70	130	
	1,4-Dichlorobenzene	170	250	ug/Kg	147		*		70	130	
	1,4-Dichlorobenzene	170	200	ug/Kg	118				70	130	
	Benzyl Alcohol	330	180	ug/Kg	55		*		70	130	
	Benzyl Alcohol	330	400	ug/Kg	121				70	130	
	Benzyl Alcohol	330	240	ug/Kg	73				70	130	
	Benzyl Alcohol	330	160	ug/Kg	48		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	2-Methylphenol	170	160	ug/Kg	94				70	130	
	2-Methylphenol	170	380	ug/Kg	224		*		70	130	
	2-Methylphenol	170	180	ug/Kg	106				70	130	
	2-Methylphenol	170	230	ug/Kg	135		*		70	130	
	2,2-oxybis(1-Chloropropane)	170	260	ug/Kg	153		*		70	130	
	2,2-oxybis(1-Chloropropane)	170	210	ug/Kg	124				70	130	
	2,2-oxybis(1-Chloropropane)	170	440	ug/Kg	259		*		70	130	
	2,2-oxybis(1-Chloropropane)	170	180	ug/Kg	106				70	130	
	Acetophenone	170	170	ug/Kg	100				70	130	
	Acetophenone	170	410	ug/Kg	241		*		70	130	
	Acetophenone	170	200	ug/Kg	118				70	130	
	Acetophenone	170	260	ug/Kg	153		*		70	130	
	3+4-Methylphenols	330	220	ug/Kg	67		*		70	130	
	3+4-Methylphenols	330	170	ug/Kg	52		*		70	130	
	3+4-Methylphenols	330	370	ug/Kg	112				70	130	
	3+4-Methylphenols	330	150	ug/Kg	45		*		70	130	
	N-Nitroso-di-n-propylamine	80	170	ug/Kg	213		*		70	130	
	N-Nitroso-di-n-propylamine	80	240	ug/Kg	300		*		70	130	
	N-Nitroso-di-n-propylamine	80	400	ug/Kg	500		*		70	130	
	N-Nitroso-di-n-propylamine	80	190	ug/Kg	238		*		70	130	
	Hexachloroethane	170	190	ug/Kg	112				70	130	
	Hexachloroethane	170	400	ug/Kg	235		*		70	130	
	Hexachloroethane	170	250	ug/Kg	147		*		70	130	
	Hexachloroethane	170	170	ug/Kg	100				70	130	
	Nitrobenzene	170	170	ug/Kg	100				70	130	
	Nitrobenzene	170	250	ug/Kg	147		*		70	130	
	Nitrobenzene	170	380	ug/Kg	224		*		70	130	
	Nitrobenzene	170	190	ug/Kg	112				70	130	
	Isophorone	170	190	ug/Kg	112				70	130	
	Isophorone	170	400	ug/Kg	235		*		70	130	
	Isophorone	170	240	ug/Kg	141		*		70	130	
	Isophorone	170	170	ug/Kg	100				70	130	
	2-Nitrophenol	170	140	ug/Kg	82				70	130	
	2-Nitrophenol	170	360	ug/Kg	212		*		70	130	
	2-Nitrophenol	170	220	ug/Kg	129				70	130	
	2-Nitrophenol	170	170	ug/Kg	100				70	130	
	2,4-Dimethylphenol	170	130	ug/Kg	76				70	130	
	2,4-Dimethylphenol	170	120	ug/Kg	71				70	130	
	2,4-Dimethylphenol	170	270	ug/Kg	159		*		70	130	
	2,4-Dimethylphenol	170	110	ug/Kg	65		*		70	130	
	bis(2-Chloroethoxy)methane	170	160	ug/Kg	94				70	130	
	bis(2-Chloroethoxy)methane	170	240	ug/Kg	141		*		70	130	
	bis(2-Chloroethoxy)methane	170	390	ug/Kg	229		*		70	130	
	bis(2-Chloroethoxy)methane	170	190	ug/Kg	112				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	2,4-Dichlorophenol	170	170	ug/Kg	100				70	130	
	2,4-Dichlorophenol	170	230	ug/Kg	135		*		70	130	
	2,4-Dichlorophenol	170	380	ug/Kg	224		*		70	130	
	2,4-Dichlorophenol	170	150	ug/Kg	88				70	130	
	1,2,4-Trichlorobenzene	170	170	ug/Kg	100				70	130	
	1,2,4-Trichlorobenzene	170	400	ug/Kg	235		*		70	130	
	1,2,4-Trichlorobenzene	170	240	ug/Kg	141		*		70	130	
	1,2,4-Trichlorobenzene	170	190	ug/Kg	112				70	130	
	Benzoic acid	330	0	ug/Kg	0		*		70	130	
	Benzoic acid	330	290	ug/Kg	88				70	130	
	Benzoic acid	330	370	ug/Kg	112				70	130	
	Benzoic acid	330	0	ug/Kg	0		*		70	130	
	Naphthalene	170	170	ug/Kg	100				70	130	
	Naphthalene	170	400	ug/Kg	235		*		70	130	
	Naphthalene	170	240	ug/Kg	141		*		70	130	
	Naphthalene	170	190	ug/Kg	112				70	130	
	4-Chloroaniline	170	250	ug/Kg	147		*		70	130	
	4-Chloroaniline	170	200	ug/Kg	118				70	130	
	4-Chloroaniline	170	420	ug/Kg	247		*		70	130	
	4-Chloroaniline	170	170	ug/Kg	100				70	130	
	Hexachlorobutadiene	170	160	ug/Kg	94				70	130	
	Hexachlorobutadiene	170	380	ug/Kg	224		*		70	130	
	Hexachlorobutadiene	170	230	ug/Kg	135		*		70	130	
	Hexachlorobutadiene	170	180	ug/Kg	106				70	130	
	Caprolactam	330	170	ug/Kg	52		*		70	130	
	Caprolactam	330	200	ug/Kg	61		*		70	130	
	Caprolactam	330	350	ug/Kg	106				70	130	
	Caprolactam	330	140	ug/Kg	42		*		70	130	
	4-Chloro-3-methylphenol	170	150	ug/Kg	88				70	130	
	4-Chloro-3-methylphenol	170	370	ug/Kg	218		*		70	130	
	4-Chloro-3-methylphenol	170	220	ug/Kg	129				70	130	
	4-Chloro-3-methylphenol	170	170	ug/Kg	100				70	130	
	2-Methylnaphthalene	170	190	ug/Kg	112				70	130	
	2-Methylnaphthalene	170	240	ug/Kg	141		*		70	130	
	2-Methylnaphthalene	170	390	ug/Kg	229		*		70	130	
	2-Methylnaphthalene	170	160	ug/Kg	94				70	130	
	Hexachlorocyclopentadiene	330	0	ug/Kg	0		*		70	130	
	Hexachlorocyclopentadiene	330	240	ug/Kg	73				70	130	
	Hexachlorocyclopentadiene	330	430	ug/Kg	130				70	130	
	Hexachlorocyclopentadiene	330	0	ug/Kg	0		*		70	130	
	2,4,6-Trichlorophenol	170	220	ug/Kg	129				70	130	
	2,4,6-Trichlorophenol	170	180	ug/Kg	106				70	130	
	2,4,6-Trichlorophenol	170	390	ug/Kg	229		*		70	130	
	2,4,6-Trichlorophenol	170	150	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	2,4,5-Trichlorophenol	170	150	ug/Kg	88				70	130	
	2,4,5-Trichlorophenol	170	370	ug/Kg	218		*		70	130	
	2,4,5-Trichlorophenol	170	180	ug/Kg	106				70	130	
	2,4,5-Trichlorophenol	170	220	ug/Kg	129				70	130	
	1,1-Biphenyl	170	250	ug/Kg	147		*		70	130	
	1,1-Biphenyl	170	210	ug/Kg	124				70	130	
	1,1-Biphenyl	170	410	ug/Kg	241		*		70	130	
	1,1-Biphenyl	170	180	ug/Kg	106				70	130	
	2-Chloronaphthalene	170	390	ug/Kg	229		*		70	130	
	2-Chloronaphthalene	170	190	ug/Kg	112				70	130	
	2-Chloronaphthalene	170	240	ug/Kg	141		*		70	130	
	2-Chloronaphthalene	170	170	ug/Kg	100				70	130	
	2-Nitroaniline	170	140	ug/Kg	82				70	130	
	2-Nitroaniline	170	210	ug/Kg	124				70	130	
	2-Nitroaniline	170	170	ug/Kg	100				70	130	
	2-Nitroaniline	170	360	ug/Kg	212		*		70	130	
	Dimethylphthalate	170	240	ug/Kg	141		*		70	130	
	Dimethylphthalate	170	400	ug/Kg	235		*		70	130	
	Dimethylphthalate	170	200	ug/Kg	118				70	130	
	Dimethylphthalate	170	170	ug/Kg	100				70	130	
	Acenaphthylene	170	180	ug/Kg	106				70	130	
	Acenaphthylene	170	250	ug/Kg	147		*		70	130	
	Acenaphthylene	170	210	ug/Kg	124				70	130	
	Acenaphthylene	170	430	ug/Kg	253		*		70	130	
	2,6-Dinitrotoluene	170	360	ug/Kg	212		*		70	130	
	2,6-Dinitrotoluene	170	170	ug/Kg	100				70	130	
	2,6-Dinitrotoluene	170	210	ug/Kg	124				70	130	
	2,6-Dinitrotoluene	170	140	ug/Kg	82				70	130	
	3-Nitroaniline	170	130	ug/Kg	76				70	130	
	3-Nitroaniline	170	210	ug/Kg	124				70	130	
	3-Nitroaniline	170	160	ug/Kg	94				70	130	
	3-Nitroaniline	170	370	ug/Kg	218		*		70	130	
	Acenaphthene	170	390	ug/Kg	229		*		70	130	
	Acenaphthene	170	190	ug/Kg	112				70	130	
	Acenaphthene	170	240	ug/Kg	141		*		70	130	
	Acenaphthene	170	170	ug/Kg	100				70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	320	ug/Kg	97				70	130	
	4-Nitrophenol	330	310	ug/Kg	94				70	130	
	4-Nitrophenol	330	130	ug/Kg	39		*		70	130	
	4-Nitrophenol	330	170	ug/Kg	52		*		70	130	
	4-Nitrophenol	330	0	ug/Kg	0		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Dibenzofuran	170	180	ug/Kg	106				70	130	
	Dibenzofuran	170	200	ug/Kg	118				70	130	
	Dibenzofuran	170	410	ug/Kg	241		*		70	130	
	Dibenzofuran	170	250	ug/Kg	147		*		70	130	
	2,4-Dinitrotoluene	170	350	ug/Kg	206		*		70	130	
	2,4-Dinitrotoluene	170	200	ug/Kg	118				70	130	
	2,4-Dinitrotoluene	170	160	ug/Kg	94				70	130	
	2,4-Dinitrotoluene	170	130	ug/Kg	76				70	130	
	Diethylphthalate	170	160	ug/Kg	94				70	130	
	Diethylphthalate	170	190	ug/Kg	112				70	130	
	Diethylphthalate	170	240	ug/Kg	141		*		70	130	
	Diethylphthalate	170	390	ug/Kg	229		*		70	130	
	4-Chlorophenyl-phenylether	170	400	ug/Kg	235		*		70	130	
	4-Chlorophenyl-phenylether	170	250	ug/Kg	147		*		70	130	
	4-Chlorophenyl-phenylether	170	200	ug/Kg	118				70	130	
	4-Chlorophenyl-phenylether	170	170	ug/Kg	100				70	130	
	Fluorene	170	170	ug/Kg	100				70	130	
	Fluorene	170	200	ug/Kg	118				70	130	
	Fluorene	170	400	ug/Kg	235		*		70	130	
	Fluorene	170	250	ug/Kg	147		*		70	130	
	4-Nitroaniline	170	320	ug/Kg	188		*		70	130	
	4-Nitroaniline	170	180	ug/Kg	106				70	130	
	4-Nitroaniline	170	140	ug/Kg	82				70	130	
	4-Nitroaniline	170	120	ug/Kg	71				70	130	
	4,6-Dinitro-2-methylphenol	330	0	ug/Kg	0		*		70	130	
	4,6-Dinitro-2-methylphenol	330	140	ug/Kg	42		*		70	130	
	4,6-Dinitro-2-methylphenol	330	250	ug/Kg	76				70	130	
	4,6-Dinitro-2-methylphenol	330	400	ug/Kg	121				70	130	
	N-Nitrosodiphenylamine	170	400	ug/Kg	235		*		70	130	
	N-Nitrosodiphenylamine	170	240	ug/Kg	141		*		70	130	
	N-Nitrosodiphenylamine	170	190	ug/Kg	112				70	130	
	N-Nitrosodiphenylamine	170	160	ug/Kg	94				70	130	
	Azobenzene	170	160	ug/Kg	94				70	130	
	Azobenzene	170	190	ug/Kg	112				70	130	
	Azobenzene	170	240	ug/Kg	141		*		70	130	
	Azobenzene	170	400	ug/Kg	235		*		70	130	
	4-Bromophenyl-phenylether	170	390	ug/Kg	229		*		70	130	
	4-Bromophenyl-phenylether	170	180	ug/Kg	106				70	130	
	4-Bromophenyl-phenylether	170	240	ug/Kg	141		*		70	130	
	4-Bromophenyl-phenylether	170	160	ug/Kg	94				70	130	
	Hexachlorobenzene	170	170	ug/Kg	100				70	130	
	Hexachlorobenzene	170	190	ug/Kg	112				70	130	
	Hexachlorobenzene	170	390	ug/Kg	229		*		70	130	
	Hexachlorobenzene	170	240	ug/Kg	141		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Atrazine	170	480	ug/Kg	282		*		70	130	
	Atrazine	170	290	ug/Kg	171		*		70	130	
	Atrazine	170	230	ug/Kg	135		*		70	130	
	Atrazine	170	200	ug/Kg	118				70	130	
	Pentachlorophenol	330	140	ug/Kg	42		*		70	130	
	Pentachlorophenol	330	160	ug/Kg	48		*		70	130	
	Pentachlorophenol	330	520	ug/Kg	158		*		70	130	
	Pentachlorophenol	330	390	ug/Kg	118				70	130	
	Phenanthrene	170	250	ug/Kg	147		*		70	130	
	Phenanthrene	170	410	ug/Kg	241		*		70	130	
	Phenanthrene	170	200	ug/Kg	118				70	130	
	Phenanthrene	170	180	ug/Kg	106				70	130	
	Anthracene	170	150	ug/Kg	88				70	130	
	Anthracene	170	230	ug/Kg	135		*		70	130	
	Anthracene	170	180	ug/Kg	106				70	130	
	Anthracene	170	400	ug/Kg	235		*		70	130	
	Carbazole	170	390	ug/Kg	229		*		70	130	
	Carbazole	170	230	ug/Kg	135		*		70	130	
	Carbazole	170	180	ug/Kg	106				70	130	
	Carbazole	170	160	ug/Kg	94				70	130	
	Di-n-butylphthalate	170	160	ug/Kg	94				70	130	
	Di-n-butylphthalate	170	180	ug/Kg	106				70	130	
	Di-n-butylphthalate	170	220	ug/Kg	129				70	130	
	Di-n-butylphthalate	170	380	ug/Kg	224		*		70	130	
	Fluoranthene	170	390	ug/Kg	229		*		70	130	
	Fluoranthene	170	230	ug/Kg	135		*		70	130	
	Fluoranthene	170	190	ug/Kg	112				70	130	
	Fluoranthene	170	170	ug/Kg	100				70	130	
	Benzidine	330	0	ug/Kg	0		*		70	130	
	Benzidine	330	200	ug/Kg	61		*		70	130	
	Benzidine	330	170	ug/Kg	52		*		70	130	
	Benzidine	330	430	ug/Kg	130				70	130	
	Pyrene	170	390	ug/Kg	229		*		70	130	
	Pyrene	170	230	ug/Kg	135		*		70	130	
	Pyrene	170	180	ug/Kg	106				70	130	
	Pyrene	170	160	ug/Kg	94				70	130	
	Butylbenzylphthalate	170	140	ug/Kg	82				70	130	
	Butylbenzylphthalate	170	170	ug/Kg	100				70	130	
	Butylbenzylphthalate	170	220	ug/Kg	129				70	130	
	Butylbenzylphthalate	170	370	ug/Kg	218		*		70	130	
	3,3-Dichlorobenzidine	330	400	ug/Kg	121				70	130	
	3,3-Dichlorobenzidine	330	230	ug/Kg	70				70	130	
	3,3-Dichlorobenzidine	330	180	ug/Kg	55		*		70	130	
	3,3-Dichlorobenzidine	330	150	ug/Kg	45		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Benzo(a)anthracene	170	170	ug/Kg	100				70	130	
	Benzo(a)anthracene	170	190	ug/Kg	112				70	130	
	Benzo(a)anthracene	170	240	ug/Kg	141		*		70	130	
	Benzo(a)anthracene	170	400	ug/Kg	235		*		70	130	
	Chrysene	170	410	ug/Kg	241		*		70	130	
	Chrysene	170	250	ug/Kg	147		*		70	130	
	Chrysene	170	200	ug/Kg	118				70	130	
	Chrysene	170	170	ug/Kg	100				70	130	
	bis(2-Ethylhexyl)phthalate	170	150	ug/Kg	88				70	130	
	bis(2-Ethylhexyl)phthalate	170	190	ug/Kg	112				70	130	
	bis(2-Ethylhexyl)phthalate	170	230	ug/Kg	135		*		70	130	
	bis(2-Ethylhexyl)phthalate	170	390	ug/Kg	229		*		70	130	
	Di-n-octyl phthalate	330	360	ug/Kg	109				70	130	
	Di-n-octyl phthalate	330	210	ug/Kg	64		*		70	130	
	Di-n-octyl phthalate	330	170	ug/Kg	52		*		70	130	
	Di-n-octyl phthalate	330	140	ug/Kg	42		*		70	130	
	Benzo(b)fluoranthene	170	160	ug/Kg	94				70	130	
	Benzo(b)fluoranthene	170	200	ug/Kg	118				70	130	
	Benzo(b)fluoranthene	170	250	ug/Kg	147		*		70	130	
	Benzo(b)fluoranthene	170	410	ug/Kg	241		*		70	130	
	Benzo(k)fluoranthene	170	440	ug/Kg	259		*		70	130	
	Benzo(k)fluoranthene	170	260	ug/Kg	153		*		70	130	
	Benzo(k)fluoranthene	170	200	ug/Kg	118				70	130	
	Benzo(k)fluoranthene	170	180	ug/Kg	106				70	130	
	Benzo(a)pyrene	170	170	ug/Kg	100				70	130	
	Benzo(a)pyrene	170	200	ug/Kg	118				70	130	
	Benzo(a)pyrene	170	260	ug/Kg	153		*		70	130	
	Benzo(a)pyrene	170	430	ug/Kg	253		*		70	130	
	Indeno(1,2,3-cd)pyrene	170	430	ug/Kg	253		*		70	130	
	Indeno(1,2,3-cd)pyrene	170	260	ug/Kg	153		*		70	130	
	Indeno(1,2,3-cd)pyrene	170	200	ug/Kg	118				70	130	
	Indeno(1,2,3-cd)pyrene	170	170	ug/Kg	100				70	130	
	Dibenz(a,h)anthracene	170	170	ug/Kg	100				70	130	
	Dibenz(a,h)anthracene	170	200	ug/Kg	118				70	130	
	Dibenz(a,h)anthracene	170	260	ug/Kg	153		*		70	130	
	Dibenz(a,h)anthracene	170	420	ug/Kg	247		*		70	130	
	Benzo(g,h,i)perylene	170	400	ug/Kg	235		*		70	130	
	Benzo(g,h,i)perylene	170	240	ug/Kg	141		*		70	130	
	Benzo(g,h,i)perylene	170	190	ug/Kg	112				70	130	
	Benzo(g,h,i)perylene	170	160	ug/Kg	94				70	130	
	1,2,4,5-Tetrachlorobenzene	170	190	ug/Kg	112				70	130	
	1,2,4,5-Tetrachlorobenzene	170	250	ug/Kg	147		*		70	130	
	1,2,4,5-Tetrachlorobenzene	170	410	ug/Kg	241		*		70	130	
	1,2,4,5-Tetrachlorobenzene	170	170	ug/Kg	100				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	
								Qual		High	RPD
P4368-02	1,4-Dioxane	170	180	ug/Kg	106				70	130	
	1,4-Dioxane	170	440	ug/Kg	259		*		70	130	
	1,4-Dioxane	170	260	ug/Kg	153		*		70	130	
	1,4-Dioxane	170	190	ug/Kg	112				70	130	
	2,3,4,6-Tetrachlorophenol	170	190	ug/Kg	112				70	130	
	2,3,4,6-Tetrachlorophenol	170	250	ug/Kg	147		*		70	130	
	2,3,4,6-Tetrachlorophenol	170	400	ug/Kg	235		*		70	130	
	2,3,4,6-Tetrachlorophenol	170	170	ug/Kg	100				70	130	
	1-Methylnaphthalene	170	370	ug/Kg	218		*		70	130	
	1-Methylnaphthalene	170	160	ug/Kg	94				70	130	
	1-Methylnaphthalene	170	220	ug/Kg	129				70	130	
	1-Methylnaphthalene	170	180	ug/Kg	106				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	n-Nitrosodimethylamine	10	7.5	ug/L	75				70	130	
	n-Nitrosodimethylamine	10	5.8	ug/L	58		*		70	130	
	n-Nitrosodimethylamine	10	5.1	ug/L	51		*		70	130	
	n-Nitrosodimethylamine	10	12.2	ug/L	122				70	130	
	Pyridine	5	11.5	ug/L	230		*		70	130	
	Pyridine	5	4.9	ug/L	98				70	130	
	Pyridine	5	6.9	ug/L	138		*		70	130	
	Pyridine	5	4.3	ug/L	86				70	130	
	Benzaldehyde	10	10.3	ug/L	103				70	130	
	Benzaldehyde	10	7.9	ug/L	79				70	130	
	Benzaldehyde	10	16.8	ug/L	168		*		70	130	
	Benzaldehyde	10	7.1	ug/L	71				70	130	
	Aniline	5	6.3	ug/L	126				70	130	
	Aniline	5	15.4	ug/L	308		*		70	130	
	Aniline	5	7.1	ug/L	142		*		70	130	
	Aniline	5	9.2	ug/L	184		*		70	130	
	Phenol	5	5.8	ug/L	116				70	130	
	Phenol	5	7.6	ug/L	152		*		70	130	
	Phenol	5	12.4	ug/L	248		*		70	130	
	Phenol	5	5.3	ug/L	106				70	130	
	bis(2-Chloroethyl)ether	5	5.1	ug/L	102				70	130	
	bis(2-Chloroethyl)ether	5	12.3	ug/L	246		*		70	130	
	bis(2-Chloroethyl)ether	5	7.5	ug/L	150		*		70	130	
	bis(2-Chloroethyl)ether	5	6	ug/L	120				70	130	
	2-Chlorophenol	5	5.8	ug/L	116				70	130	
	2-Chlorophenol	5	7.7	ug/L	154		*		70	130	
	2-Chlorophenol	5	12.6	ug/L	252		*		70	130	
	2-Chlorophenol	5	5.2	ug/L	104				70	130	
	1,2-Dichlorobenzene	5	5.1	ug/L	102				70	130	
	1,2-Dichlorobenzene	5	12.3	ug/L	246		*		70	130	
	1,2-Dichlorobenzene	5	7.5	ug/L	150		*		70	130	
	1,2-Dichlorobenzene	5	5.7	ug/L	114				70	130	
	1,3-Dichlorobenzene	5	5.7	ug/L	114				70	130	
	1,3-Dichlorobenzene	5	7.5	ug/L	150		*		70	130	
	1,3-Dichlorobenzene	5	12.5	ug/L	250		*		70	130	
	1,3-Dichlorobenzene	5	5	ug/L	100				70	130	
	1,4-Dichlorobenzene	5	5	ug/L	100				70	130	
	1,4-Dichlorobenzene	5	12.3	ug/L	246		*		70	130	
	1,4-Dichlorobenzene	5	7.5	ug/L	150		*		70	130	
	1,4-Dichlorobenzene	5	5.8	ug/L	116				70	130	
	Benzyl Alcohol	10	5.5	ug/L	55		*		70	130	
	Benzyl Alcohol	10	7.2	ug/L	72				70	130	
	Benzyl Alcohol	10	11.7	ug/L	117				70	130	
	Benzyl Alcohol	10	4.7	ug/L	47		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

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SDG No.: BM102424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	2-Methylphenol	5	4.7	ug/L	94				70	130	
	2-Methylphenol	5	11.6	ug/L	232		*		70	130	
	2-Methylphenol	5	6.7	ug/L	134		*		70	130	
	2-Methylphenol	5	5.2	ug/L	104				70	130	
	2,2-oxybis(1-Chloropropane)	5	6.1	ug/L	122				70	130	
	2,2-oxybis(1-Chloropropane)	5	7.9	ug/L	158		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	13	ug/L	260		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	5.4	ug/L	108				70	130	
	Acetophenone	5	5.1	ug/L	102				70	130	
	Acetophenone	5	12.4	ug/L	248		*		70	130	
	Acetophenone	5	7.5	ug/L	150		*		70	130	
	Acetophenone	5	6	ug/L	120				70	130	
	3+4-Methylphenols	10	5.1	ug/L	51		*		70	130	
	3+4-Methylphenols	10	6.5	ug/L	65		*		70	130	
	3+4-Methylphenols	10	11.2	ug/L	112				70	130	
	3+4-Methylphenols	10	4.5	ug/L	45		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	4.8	ug/L	192		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	12	ug/L	480		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	5.6	ug/L	224		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	7.1	ug/L	284		*		70	130	
	Hexachloroethane	5	7.2	ug/L	144		*		70	130	
	Hexachloroethane	5	5.6	ug/L	112				70	130	
	Hexachloroethane	5	12	ug/L	240		*		70	130	
	Hexachloroethane	5	4.8	ug/L	96				70	130	
	Nitrobenzene	5	4.9	ug/L	98				70	130	
	Nitrobenzene	5	11.7	ug/L	234		*		70	130	
	Nitrobenzene	5	5.8	ug/L	116				70	130	
	Nitrobenzene	5	7.1	ug/L	142		*		70	130	
	Isophorone	5	7.2	ug/L	144		*		70	130	
	Isophorone	5	5.6	ug/L	112				70	130	
	Isophorone	5	11.8	ug/L	236		*		70	130	
	Isophorone	5	5	ug/L	100				70	130	
	2-Nitrophenol	5	4.4	ug/L	88				70	130	
	2-Nitrophenol	5	10.9	ug/L	218		*		70	130	
	2-Nitrophenol	5	5.1	ug/L	102				70	130	
	2-Nitrophenol	5	6.4	ug/L	128				70	130	
	2,4-Dimethylphenol	5	3.7	ug/L	74				70	130	
	2,4-Dimethylphenol	5	3.7	ug/L	74				70	130	
	2,4-Dimethylphenol	5	8.4	ug/L	168		*		70	130	
	2,4-Dimethylphenol	5	2.9	ug/L	58		*		70	130	
	bis(2-Chloroethoxy)methane	5	4.8	ug/L	96				70	130	
	bis(2-Chloroethoxy)methane	5	11.7	ug/L	234		*		70	130	
	bis(2-Chloroethoxy)methane	5	5.6	ug/L	112				70	130	
	bis(2-Chloroethoxy)methane	5	7.1	ug/L	142		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	2,4-Dichlorophenol	5	6.8	ug/L	136		*		70	130	
	2,4-Dichlorophenol	5	5.3	ug/L	106				70	130	
	2,4-Dichlorophenol	5	11.2	ug/L	224		*		70	130	
	2,4-Dichlorophenol	5	4.4	ug/L	88				70	130	
	1,2,4-Trichlorobenzene	5	4.9	ug/L	98				70	130	
	1,2,4-Trichlorobenzene	5	11.8	ug/L	236		*		70	130	
	1,2,4-Trichlorobenzene	5	5.7	ug/L	114				70	130	
	1,2,4-Trichlorobenzene	5	7.1	ug/L	142		*		70	130	
	Benzoic acid	10	8.7	ug/L	87				70	130	
	Benzoic acid	10	0	ug/L	0		*		70	130	
	Benzoic acid	10	11.5	ug/L	115				70	130	
	Benzoic acid	10	0	ug/L	0		*		70	130	
	Naphthalene	5	5	ug/L	100				70	130	
	Naphthalene	5	12	ug/L	240		*		70	130	
	Naphthalene	5	5.7	ug/L	114				70	130	
	Naphthalene	5	7.2	ug/L	144		*		70	130	
	4-Chloroaniline	5	7.4	ug/L	148		*		70	130	
	4-Chloroaniline	5	5.9	ug/L	118				70	130	
	4-Chloroaniline	5	12.7	ug/L	254		*		70	130	
	4-Chloroaniline	5	5.1	ug/L	102				70	130	
	Hexachlorobutadiene	5	4.7	ug/L	94				70	130	
	Hexachlorobutadiene	5	11.5	ug/L	230		*		70	130	
	Hexachlorobutadiene	5	5.4	ug/L	108				70	130	
	Hexachlorobutadiene	5	6.9	ug/L	138		*		70	130	
	Caprolactam	10	4.9	ug/L	49		*		70	130	
	Caprolactam	10	6.4	ug/L	64		*		70	130	
	Caprolactam	10	10.6	ug/L	106				70	130	
	Caprolactam	10	4.2	ug/L	42		*		70	130	
	4-Chloro-3-methylphenol	5	4.5	ug/L	90				70	130	
	4-Chloro-3-methylphenol	5	11.2	ug/L	224		*		70	130	
	4-Chloro-3-methylphenol	5	6.5	ug/L	130				70	130	
	4-Chloro-3-methylphenol	5	5.3	ug/L	106				70	130	
	2-Methylnaphthalene	5	5.6	ug/L	112				70	130	
	2-Methylnaphthalene	5	7.1	ug/L	142		*		70	130	
	2-Methylnaphthalene	5	11.9	ug/L	238		*		70	130	
	2-Methylnaphthalene	5	4.9	ug/L	98				70	130	
	Hexachlorocyclopentadiene	10	0	ug/L	0		*		70	130	
	Hexachlorocyclopentadiene	10	12.9	ug/L	129				70	130	
	Hexachlorocyclopentadiene	10	0	ug/L	0		*		70	130	
	Hexachlorocyclopentadiene	10	7.3	ug/L	73				70	130	
	2,4,6-Trichlorophenol	5	5.3	ug/L	106				70	130	
	2,4,6-Trichlorophenol	5	6.8	ug/L	136		*		70	130	
	2,4,6-Trichlorophenol	5	11.4	ug/L	228		*		70	130	
	2,4,6-Trichlorophenol	5	4.4	ug/L	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	2,4,5-Trichlorophenol	5	4.5	ug/L	90				70	130	
	2,4,5-Trichlorophenol	5	11.4	ug/L	228		*		70	130	
	2,4,5-Trichlorophenol	5	6.5	ug/L	130				70	130	
	2,4,5-Trichlorophenol	5	5.2	ug/L	104				70	130	
	1,1-Biphenyl	5	6.1	ug/L	122				70	130	
	1,1-Biphenyl	5	7.7	ug/L	154		*		70	130	
	1,1-Biphenyl	5	12.4	ug/L	248		*		70	130	
	1,1-Biphenyl	5	5.3	ug/L	106				70	130	
	2-Chloronaphthalene	5	4.9	ug/L	98				70	130	
	2-Chloronaphthalene	5	11.8	ug/L	236		*		70	130	
	2-Chloronaphthalene	5	7.3	ug/L	146		*		70	130	
	2-Chloronaphthalene	5	5.8	ug/L	116				70	130	
	2-Nitroaniline	5	5.1	ug/L	102				70	130	
	2-Nitroaniline	5	6.5	ug/L	130				70	130	
	2-Nitroaniline	5	10.8	ug/L	216		*		70	130	
	2-Nitroaniline	5	4.3	ug/L	86				70	130	
	Dimethylphthalate	5	5.1	ug/L	102				70	130	
	Dimethylphthalate	5	12	ug/L	240		*		70	130	
	Dimethylphthalate	5	7.4	ug/L	148		*		70	130	
	Dimethylphthalate	5	5.8	ug/L	116				70	130	
	Acenaphthylene	5	6.2	ug/L	124				70	130	
	Acenaphthylene	5	7.8	ug/L	156		*		70	130	
	Acenaphthylene	5	12.7	ug/L	254		*		70	130	
	Acenaphthylene	5	5.3	ug/L	106				70	130	
	2,6-Dinitrotoluene	5	4.3	ug/L	86				70	130	
	2,6-Dinitrotoluene	5	10.8	ug/L	216		*		70	130	
	2,6-Dinitrotoluene	5	6.3	ug/L	126				70	130	
	2,6-Dinitrotoluene	5	5.1	ug/L	102				70	130	
	3-Nitroaniline	5	4.9	ug/L	98				70	130	
	3-Nitroaniline	5	6.3	ug/L	126				70	130	
	3-Nitroaniline	5	11.2	ug/L	224		*		70	130	
	3-Nitroaniline	5	4.3	ug/L	86				70	130	
	Acenaphthene	5	5	ug/L	100				70	130	
	Acenaphthene	5	11.8	ug/L	236		*		70	130	
	Acenaphthene	5	7.2	ug/L	144		*		70	130	
	Acenaphthene	5	5.7	ug/L	114				70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	2,4-Dinitrophenol	10	9.2	ug/L	92				70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	4-Nitrophenol	10	3.2	ug/L	32		*		70	130	
	4-Nitrophenol	10	9.6	ug/L	96				70	130	
	4-Nitrophenol	10	5.2	ug/L	52		*		70	130	
	4-Nitrophenol	10	4	ug/L	40		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Dibenzofuran	5	5.9	ug/L	118				70	130	
	Dibenzofuran	5	7.5	ug/L	150		*		70	130	
	Dibenzofuran	5	12.2	ug/L	244		*		70	130	
	Dibenzofuran	5	5.2	ug/L	104				70	130	
	2,4-Dinitrotoluene	5	4	ug/L	80				70	130	
	2,4-Dinitrotoluene	5	10.3	ug/L	206		*		70	130	
	2,4-Dinitrotoluene	5	6.3	ug/L	126				70	130	
	2,4-Dinitrotoluene	5	4.8	ug/L	96				70	130	
	Diethylphthalate	5	5.6	ug/L	112				70	130	
	Diethylphthalate	5	7.1	ug/L	142		*		70	130	
	Diethylphthalate	5	11.7	ug/L	234		*		70	130	
	Diethylphthalate	5	4.9	ug/L	98				70	130	
	4-Chlorophenyl-phenylether	5	5.1	ug/L	102				70	130	
	4-Chlorophenyl-phenylether	5	12	ug/L	240		*		70	130	
	4-Chlorophenyl-phenylether	5	7.4	ug/L	148		*		70	130	
	4-Chlorophenyl-phenylether	5	5.9	ug/L	118				70	130	
	Fluorene	5	5.9	ug/L	118				70	130	
	Fluorene	5	7.4	ug/L	148		*		70	130	
	Fluorene	5	12.2	ug/L	244		*		70	130	
	Fluorene	5	5.1	ug/L	102				70	130	
	4-Nitroaniline	5	3.7	ug/L	74				70	130	
	4-Nitroaniline	5	10	ug/L	200		*		70	130	
	4-Nitroaniline	5	4.2	ug/L	84				70	130	
	4-Nitroaniline	5	5.5	ug/L	110				70	130	
	4,6-Dinitro-2-methylphenol	10	7.9	ug/L	79				70	130	
	4,6-Dinitro-2-methylphenol	10	4.4	ug/L	44		*		70	130	
	4,6-Dinitro-2-methylphenol	10	11.4	ug/L	114				70	130	
	4,6-Dinitro-2-methylphenol	10	3.5	ug/L	35		*		70	130	
	N-Nitrosodiphenylamine	5	5	ug/L	100				70	130	
	N-Nitrosodiphenylamine	5	11.9	ug/L	238		*		70	130	
	N-Nitrosodiphenylamine	5	5.8	ug/L	116				70	130	
	N-Nitrosodiphenylamine	5	7.3	ug/L	146		*		70	130	
	Azobenzene	5	7.2	ug/L	144		*		70	130	
	Azobenzene	5	5.6	ug/L	112				70	130	
	Azobenzene	5	12	ug/L	240		*		70	130	
	Azobenzene	5	4.9	ug/L	98				70	130	
	4-Bromophenyl-phenylether	5	4.9	ug/L	98				70	130	
	4-Bromophenyl-phenylether	5	11.5	ug/L	230		*		70	130	
	4-Bromophenyl-phenylether	5	5.6	ug/L	112				70	130	
	4-Bromophenyl-phenylether	5	7.3	ug/L	146		*		70	130	
	Hexachlorobenzene	5	5.8	ug/L	116				70	130	
	Hexachlorobenzene	5	7.3	ug/L	146		*		70	130	
	Hexachlorobenzene	5	11.8	ug/L	236		*		70	130	
	Hexachlorobenzene	5	5.1	ug/L	102				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Atrazine	5	6.1	ug/L	122				70	130	
	Atrazine	5	14.3	ug/L	286		*		70	130	
	Atrazine	5	6.9	ug/L	138		*		70	130	
	Atrazine	5	8.8	ug/L	176		*		70	130	
	Pentachlorophenol	10	4.7	ug/L	47		*		70	130	
	Pentachlorophenol	10	11.6	ug/L	116				70	130	
	Pentachlorophenol	10	15.5	ug/L	155		*		70	130	
	Pentachlorophenol	10	4.1	ug/L	41		*		70	130	
	Phenanthrene	5	5.3	ug/L	106				70	130	
	Phenanthrene	5	12.3	ug/L	246		*		70	130	
	Phenanthrene	5	7.6	ug/L	152		*		70	130	
	Phenanthrene	5	6	ug/L	120				70	130	
	Anthracene	5	6.8	ug/L	136		*		70	130	
	Anthracene	5	5.4	ug/L	108				70	130	
	Anthracene	5	11.8	ug/L	236		*		70	130	
	Anthracene	5	4.7	ug/L	94				70	130	
	Carbazole	5	4.8	ug/L	96				70	130	
	Carbazole	5	11.7	ug/L	234		*		70	130	
	Carbazole	5	5.5	ug/L	110				70	130	
	Carbazole	5	6.8	ug/L	136		*		70	130	
	Di-n-butylphthalate	5	6.7	ug/L	134		*		70	130	
	Di-n-butylphthalate	5	5.5	ug/L	110				70	130	
	Di-n-butylphthalate	5	11.3	ug/L	226		*		70	130	
	Di-n-butylphthalate	5	4.8	ug/L	96				70	130	
	Fluoranthene	5	5	ug/L	100				70	130	
	Fluoranthene	5	11.9	ug/L	238		*		70	130	
	Fluoranthene	5	5.5	ug/L	110				70	130	
	Fluoranthene	5	7	ug/L	140		*		70	130	
	Benzidine	10	6.1	ug/L	61		*		70	130	
	Benzidine	10	0	ug/L	0		*		70	130	
	Benzidine	10	12.8	ug/L	128				70	130	
	Benzidine	10	0	ug/L	0		*		70	130	
	Pyrene	5	4.8	ug/L	96				70	130	
	Pyrene	5	11.3	ug/L	226		*		70	130	
	Pyrene	5	5.7	ug/L	114				70	130	
	Pyrene	5	7.1	ug/L	142		*		70	130	
	Butylbenzylphthalate	5	6.4	ug/L	128				70	130	
	Butylbenzylphthalate	5	5.2	ug/L	104				70	130	
	Butylbenzylphthalate	5	10.9	ug/L	218		*		70	130	
	Butylbenzylphthalate	5	4.5	ug/L	90				70	130	
	3,3-Dichlorobenzidine	10	4.6	ug/L	46		*		70	130	
	3,3-Dichlorobenzidine	10	11.9	ug/L	119				70	130	
	3,3-Dichlorobenzidine	10	5	ug/L	50		*		70	130	
	3,3-Dichlorobenzidine	10	6.4	ug/L	64		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Benzo(a)anthracene	5	7.2	ug/L	144		*		70	130	
	Benzo(a)anthracene	5	5.7	ug/L	114				70	130	
	Benzo(a)anthracene	5	12	ug/L	240		*		70	130	
	Benzo(a)anthracene	5	5	ug/L	100				70	130	
	Chrysene	5	5.2	ug/L	104				70	130	
	Chrysene	5	12.5	ug/L	250		*		70	130	
	Chrysene	5	5.9	ug/L	118				70	130	
	Chrysene	5	7.5	ug/L	150		*		70	130	
	bis(2-Ethylhexyl)phthalate	5	6.8	ug/L	136		*		70	130	
	bis(2-Ethylhexyl)phthalate	5	5.3	ug/L	106				70	130	
	bis(2-Ethylhexyl)phthalate	5	11.8	ug/L	236		*		70	130	
	bis(2-Ethylhexyl)phthalate	5	4.7	ug/L	94				70	130	
	Di-n-octyl phthalate	10	4.2	ug/L	42		*		70	130	
	Di-n-octyl phthalate	10	10.9	ug/L	109				70	130	
	Di-n-octyl phthalate	10	4.8	ug/L	48		*		70	130	
	Di-n-octyl phthalate	10	6.2	ug/L	62		*		70	130	
	Benzo(b)fluoranthene	5	7.6	ug/L	152		*		70	130	
	Benzo(b)fluoranthene	5	5.9	ug/L	118				70	130	
	Benzo(b)fluoranthene	5	12.3	ug/L	246		*		70	130	
	Benzo(b)fluoranthene	5	5.1	ug/L	102				70	130	
	Benzo(k)fluoranthene	5	5.2	ug/L	104				70	130	
	Benzo(k)fluoranthene	5	13.3	ug/L	266		*		70	130	
	Benzo(k)fluoranthene	5	6.1	ug/L	122				70	130	
	Benzo(k)fluoranthene	5	7.9	ug/L	158		*		70	130	
	Benzo(a)pyrene	5	7.8	ug/L	156		*		70	130	
	Benzo(a)pyrene	5	6	ug/L	120				70	130	
	Benzo(a)pyrene	5	13	ug/L	260		*		70	130	
	Benzo(a)pyrene	5	5.2	ug/L	104				70	130	
	Indeno(1,2,3-cd)pyrene	5	5.2	ug/L	104				70	130	
	Indeno(1,2,3-cd)pyrene	5	12.9	ug/L	258		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	5.9	ug/L	118				70	130	
	Indeno(1,2,3-cd)pyrene	5	7.7	ug/L	154		*		70	130	
	Dibenz(a,h)anthracene	5	5.8	ug/L	116				70	130	
	Dibenz(a,h)anthracene	5	7.5	ug/L	150		*		70	130	
	Dibenz(a,h)anthracene	5	12.8	ug/L	256		*		70	130	
	Dibenz(a,h)anthracene	5	5.2	ug/L	104				70	130	
	Benzo(g,h,i)perylene	5	4.9	ug/L	98				70	130	
	Benzo(g,h,i)perylene	5	11.9	ug/L	238		*		70	130	
	Benzo(g,h,i)perylene	5	7.1	ug/L	142		*		70	130	
	Benzo(g,h,i)perylene	5	5.5	ug/L	110				70	130	
	1,2,4,5-Tetrachlorobenzene	5	5.9	ug/L	118				70	130	
	1,2,4,5-Tetrachlorobenzene	5	7.6	ug/L	152		*		70	130	
	1,2,4,5-Tetrachlorobenzene	5	12.1	ug/L	242		*		70	130	
	1,2,4,5-Tetrachlorobenzene	5	5	ug/L	100				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	1,4-Dioxane	5	5.1	ug/L	102				70	130	
	1,4-Dioxane	5	13.4	ug/L	268		*		70	130	
	1,4-Dioxane	5	7.7	ug/L	154		*		70	130	
	1,4-Dioxane	5	5.8	ug/L	116				70	130	
	2,3,4,6-Tetrachlorophenol	5	5.6	ug/L	112				70	130	
	2,3,4,6-Tetrachlorophenol	5	7.4	ug/L	148		*		70	130	
	2,3,4,6-Tetrachlorophenol	5	12	ug/L	240		*		70	130	
	2,3,4,6-Tetrachlorophenol	5	4.9	ug/L	98				70	130	
	1-Methylnaphthalene	5	4.8	ug/L	96				70	130	
	1-Methylnaphthalene	5	11.2	ug/L	224		*		70	130	
	1-Methylnaphthalene	5	6.8	ug/L	136		*		70	130	
	1-Methylnaphthalene	5	5.4	ug/L	108				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164366BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102424

SAS No.: BM102424 SDG NO.: BM102424

Lab File ID: BM048225.D

Lab Sample ID: PB164366BL

Instrument ID: BNA_M

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 20:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BM048223.D	10/24/2024
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BM048224.D	10/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164369BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102424

SAS No.: BM102424 SDG NO.: BM102424

Lab File ID: BM048212.D

Lab Sample ID: PB164369BL

Instrument ID: BNA_M

Date Extracted: 10/23/2024

Matrix: (soil/water) Water

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 11:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-WATER-01-QT4-2024	P4368-07	BM048215.D	10/24/2024
LOD-MDL-WATER-01-QT4-2024	P4368-07	BM048222.D	10/24/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM102424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-01	LOD-MDL-SOIL-0	BM048223.D	2-Fluorophenol	150	107.09	71		18	112
		BM048224.D	2-Fluorophenol	150	124.61	83		18	112
			Phenol-d6	150	124.48	83		15	107
		BM048223.D	Phenol-d6	150	106.64	71		15	107
			Nitrobenzene-d5	100	74.46	74		18	107
		BM048224.D	Nitrobenzene-d5	100	91.60	92		18	107
			2-Fluorobiphenyl	100	87.79	88		20	109
		BM048223.D	2-Fluorobiphenyl	100	71.48	71		20	109
			2,4,6-Tribromophenol	150	105.59	70		10	116
		BM048224.D	2,4,6-Tribromophenol	150	127.43	85		10	116
			Terphenyl-d14	100	78.50	78		10	105
		BM048223.D	Terphenyl-d14	100	62.94	63		10	105
		BM048225.D	2-Fluorophenol	150	142.86	95		18	112
			Phenol-d6	150	132.58	88		15	107
			Nitrobenzene-d5	100	91.99	92		18	107
			2-Fluorobiphenyl	100	93.58	94		20	109
PB164366BL	PB164366BL		2,4,6-Tribromophenol	150	124.82	83		10	116
			Terphenyl-d14	100	102.72	103		10	105

Surrogate Summary

SW-846

SDG No.: **BM102424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-07	LOD-MDL-WATEFBM048215.D	BM048215.D	2-Fluorophenol	150	106.06	71		10	139
		BM048222.D	2-Fluorophenol	150	124.67	83		10	139
		BM048215.D	Phenol-d6	150	108.07	72		10	134
		BM048222.D	Phenol-d6	150	124.82	83		10	134
		BM048215.D	Nitrobenzene-d5	100	72.85	73		49	133
		BM048222.D	Nitrobenzene-d5	100	90.52	91		49	133
			2-Fluorobiphenyl	100	87.88	88		52	132
		BM048215.D	2-Fluorobiphenyl	100	69.53	70		52	132
			2,4,6-Tribromophenol	150	105.60	70		44	137
		BM048222.D	2,4,6-Tribromophenol	150	127.35	85		44	137
		BM048215.D	Terphenyl-d14	100	64.14	64		48	125
		BM048222.D	Terphenyl-d14	100	78.12	78		48	125
PB164369BL	PB164369BL	BM048212.D	2-Fluorophenol	150	151.39	101		10	139
			Phenol-d6	150	137.88	92		10	134
			Nitrobenzene-d5	100	92.14	92		49	133
			2-Fluorobiphenyl	100	93.83	94		52	132
			2,4,6-Tribromophenol	150	132.72	88		44	137
			Terphenyl-d14	100	105.49	105		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102424

Lab Code: CHEM

SAS No.: BM102424 SDG NO.: BM102424

Lab File ID: BM048210.D

DFTPP Injection Date: 10/24/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (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	BM048211.D	10/24/2024	11:11
PB164369BL	PB164369BL	BM048212.D	10/24/2024	11:50
LOD-MDL-WATER-01-QT4-2024	P4368-07	BM048215.D	10/24/2024	13:51
LOD-MDL-WATER-01-QT4-2024	P4368-07	BM048222.D	10/24/2024	18:27
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BM048223.D	10/24/2024	19:07
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BM048224.D	10/24/2024	19:46
PB164366BL	PB164366BL	BM048225.D	10/24/2024	20:26
SSTDCCC040EC	SSTDCCC040	BM048226.D	10/24/2024	21:05