

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM021224 SAS No.: BM021224 SDG No.: BM021224

Instrument ID: BNA_M Calibration Date/Time: 2/12/2024 1:10:29

Lab File ID: BM044049.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	0.547	0.585		6.947	
Pyridine	1.441	1.519		5.413	
2-Fluorophenol	1.375	1.392		1.236	
Benzaldehyde	0.899	0.892		-0.779	
Aniline	1.720	1.714		-0.349	
Phenol-d6	1.750	1.771		1.2	
Phenol	1.766	1.777		0.623	20.0
bis(2-Chloroethyl)ether	1.462	1.416		-3.146	
2-Chlorophenol	1.436	1.388		-3.343	
1,2-Dichlorobenzene	1.566	1.517		-3.129	
1,3-Dichlorobenzene	1.630	1.581		-3.006	
1,4-Dichlorobenzene	1.643	1.594		-2.982	20.0
Benzyl Alcohol	1.139	1.110		-2.546	
2-Methylphenol	1.159	1.133		-2.243	
2,2-oxybis(1-Chloropropane)	1.854	1.751		-5.556	
Acetophenone	0.508	0.512		0.787	
3+4-Methylphenols	1.595	1.533		-3.887	
n-Nitroso-di-n-propylamine	1.074	1.025	0.050	-4.562	
Nitrobenzene-d5	0.377	0.385		2.122	
Hexachloroethane	0.615	0.588		-4.39	
Nitrobenzene	0.386	0.392		1.554	
Isophorone	0.726	0.703		-3.168	
2-Nitrophenol	0.179	0.175		-2.235	20.0
2,4-Dimethylphenol	0.229	0.226		-1.31	
bis(2-Chloroethoxy)methane	0.469	0.450		-4.051	
2,4-Dichlorophenol	0.301	0.298		-0.997	20.0
1,2,4-Trichlorobenzene	0.339	0.332		-2.065	
Benzoic acid	0.230	0.214		-6.957	
Naphthalene	1.104	1.084		-1.812	
4-Chloroaniline	0.418	0.409		-2.153	
Hexachlorobutadiene	0.194	0.187		-3.608	20.0
Caprolactam	0.097	0.091		-6.186	
4-Chloro-3-methylphenol	0.326	0.320		-1.84	20.0
2-Methylnaphthalene	0.735	0.704		-4.218	
Hexachlorocyclopentadiene	0.254	0.249	0.050	-1.969	
2,4,6-Trichlorophenol	0.396	0.404		2.02	20.0
2-Fluorobiphenyl	1.417	1.440		1.623	
2,4,5-Trichlorophenol	0.434	0.442		1.843	
1,1-Biphenyl	1.578	1.590		0.76	
2-Chloronaphthalene	1.250	1.268		1.44	
2-Nitroaniline	0.352	0.374		6.25	



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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.483	1.433		-3.372	
Acenaphthylene	1.865	1.887		1.18	
2,6-Dinitrotoluene	0.327	0.321		-1.835	
3-Nitroaniline	0.352	0.353		0.284	
Acenaphthene	1.154	1.158		0.347	20.0
2,4-Dinitrophenol	0.170	0.163	0.050	-4.118	
4-Nitrophenol	0.286	0.289	0.050	1.049	
Dibenzofuran	1.787	1.775		-0.672	
2,4-Dinitrotoluene	0.428	0.426		-0.467	
Diethylphthalate	1.533	1.434		-6.458	
4-Chlorophenyl-phenylether	0.669	0.658		-1.644	
Fluorene	1.381	1.384		0.217	
4-Nitroaniline	0.354	0.357		0.847	
4,6-Dinitro-2-methylphenol	0.119	0.118		-0.84	
n-Nitrosodiphenylamine	0.608	0.600		-1.316	20.0
Azobenzene	1.438	1.449		0.765	
2,4,6-Tribromophenol	0.217	0.214		-1.382	
4-Bromophenyl-phenylether	0.198	0.188		-5.051	
Hexachlorobenzene	0.242	0.234		-3.306	
Atrazine	0.165	0.160		-3.03	
Pentachlorophenol	0.158	0.159		0.633	20.0
Phenanthrene	1.056	1.047		-0.852	
Anthracene	1.046	1.045		-0.096	
Carbazole	1.017	1.019		0.197	
Di-n-butylphthalate	1.322	1.221		-7.64	
Fluoranthene	1.186	1.195		0.759	20.0
Benzidine	0.311	0.340		9.325	
Pyrene	1.540	1.489		-3.312	
Terphenyl-d14	1.141	1.099		-3.681	
Butylbenzylphthalate	0.685	0.618		-9.781	
3,3-Dichlorobenzidine	0.456	0.442		-3.07	
Benzo(a)anthracene	1.391	1.365		-1.869	
Chrysene	1.314	1.293		-1.598	
Bis(2-ethylhexyl)phthalate	1.010	0.900		-10.891	
Di-n-octyl phthalate	1.764	1.524		-13.605	20.0
Benzo(b)fluoranthene	1.250	1.248		-0.16	
Benzo(k)fluoranthene	1.188	1.160		-2.357	
Benzo(a)pyrene	1.092	1.082		-0.916	20.0
Indeno(1,2,3-cd)pyrene	1.416	1.440		1.695	
Dibenzo(a,h)anthracene	1.184	1.201		1.436	
Benzo(g,h,i)perylene	1.201	1.226		2.082	



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Lab File ID: BM044049.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
1,2,4,5-Tetrachlorobenzene	0.581	0.590		1.549	
1,4-Dioxane	0.546	0.561		2.747	20.0
2,3,4,6-Tetrachlorophenol	0.341	0.333		-2.346	
1-Methylnaphthalene	0.722	0.697		-3.463	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM021224 SAS No.: BM021224 SDG No.: BM021224
 Instrument ID: BNA_M Calibration Date/Time: 2/12/2024 1:21:21
 Lab File ID: BM044066.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	0.547	0.564		3.108	50.0
Pyridine	1.441	1.458		1.18	50.0
2-Fluorophenol	1.375	1.365		-0.727	50.0
Benzaldehyde	0.899	0.921		2.447	50.0
Aniline	1.720	1.709		-0.64	50.0
Phenol-d6	1.750	1.763		0.743	50.0
Phenol	1.766	1.775		0.51	50.0
bis(2-Chloroethyl)ether	1.462	1.452		-0.684	50.0
2-Chlorophenol	1.436	1.398		-2.646	50.0
1,2-Dichlorobenzene	1.566	1.523		-2.746	50.0
1,3-Dichlorobenzene	1.630	1.586		-2.699	50.0
1,4-Dichlorobenzene	1.643	1.596		-2.861	50.0
Benzyl Alcohol	1.139	1.135		-0.351	50.0
2-Methylphenol	1.159	1.153		-0.518	50.0
2,2-oxybis(1-Chloropropane)	1.854	1.807		-2.535	50.0
Acetophenone	0.508	0.510		0.394	50.0
3+4-Methylphenols	1.595	1.559		-2.257	50.0
n-Nitroso-di-n-propylamine	1.074	1.065	0.050	-0.838	50.0
Nitrobenzene-d5	0.377	0.384		1.857	50.0
Hexachloroethane	0.615	0.598		-2.764	50.0
Nitrobenzene	0.386	0.392		1.554	50.0
Isophorone	0.726	0.723		-0.413	50.0
2-Nitrophenol	0.179	0.178		-0.559	50.0
2,4-Dimethylphenol	0.229	0.227		-0.873	50.0
bis(2-Chloroethoxy)methane	0.469	0.459		-2.132	50.0
2,4-Dichlorophenol	0.301	0.298		-0.997	50.0
1,2,4-Trichlorobenzene	0.339	0.330		-2.655	50.0
Benzoic acid	0.230	0.217		-5.652	50.0
Naphthalene	1.104	1.083		-1.902	50.0
4-Chloroaniline	0.418	0.409		-2.153	50.0
Hexachlorobutadiene	0.194	0.188		-3.093	50.0
Caprolactam	0.097	0.095		-2.062	50.0
4-Chloro-3-methylphenol	0.326	0.324		-0.613	50.0
2-Methylnaphthalene	0.735	0.711		-3.265	50.0
Hexachlorocyclopentadiene	0.254	0.253	0.050	-0.394	50.0
2,4,6-Trichlorophenol	0.396	0.399		0.758	50.0
2-Fluorobiphenyl	1.417	1.421		0.282	50.0
2,4,5-Trichlorophenol	0.434	0.441		1.613	50.0
1,1-Biphenyl	1.578	1.581		0.19	50.0
2-Chloronaphthalene	1.250	1.251		0.08	50.0
2-Nitroaniline	0.352	0.371		5.398	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
Dimethylphthalate	1.483	1.450		-2.225	50.0
Acenaphthylene	1.865	1.861		-0.214	50.0
2,6-Dinitrotoluene	0.327	0.324		-0.917	50.0
3-Nitroaniline	0.352	0.358		1.705	50.0
Acenaphthene	1.154	1.139		-1.3	50.0
2,4-Dinitrophenol	0.170	0.165	0.050	-2.941	50.0
4-Nitrophenol	0.286	0.290	0.050	1.399	50.0
Dibenzofuran	1.787	1.761		-1.455	50.0
2,4-Dinitrotoluene	0.428	0.432		0.935	50.0
Diethylphthalate	1.533	1.470		-4.11	50.0
4-Chlorophenyl-phenylether	0.669	0.658		-1.644	50.0
Fluorene	1.381	1.365		-1.159	50.0
4-Nitroaniline	0.354	0.360		1.695	50.0
4,6-Dinitro-2-methylphenol	0.119	0.117		-1.681	50.0
n-Nitrosodiphenylamine	0.608	0.599		-1.48	50.0
Azobenzene	1.438	1.468		2.086	50.0
2,4,6-Tribromophenol	0.217	0.212		-2.304	50.0
4-Bromophenyl-phenylether	0.198	0.183		-7.576	50.0
Hexachlorobenzene	0.242	0.234		-3.306	50.0
Atrazine	0.165	0.162		-1.818	50.0
Pentachlorophenol	0.158	0.156		-1.266	50.0
Phenanthrene	1.056	1.036		-1.894	50.0
Anthracene	1.046	1.033		-1.243	50.0
Carbazole	1.017	1.005		-1.18	50.0
Di-n-butylphthalate	1.322	1.275		-3.555	50.0
Fluoranthene	1.186	1.162		-2.024	50.0
Benzidine	0.311	0.284		-8.682	50.0
Pyrene	1.540	1.534		-0.39	50.0
Terphenyl-d14	1.141	1.134		-0.613	50.0
Butylbenzylphthalate	0.685	0.663		-3.212	50.0
3,3-Dichlorobenzidine	0.456	0.444		-2.632	50.0
Benzo(a)anthracene	1.391	1.369		-1.582	50.0
Chrysene	1.314	1.303		-0.837	50.0
Bis(2-ethylhexyl)phthalate	1.010	0.981		-2.871	50.0
Di-n-octyl phthalate	1.764	1.645		-6.746	50.0
Benzo(b)fluoranthene	1.250	1.246		-0.32	50.0
Benzo(k)fluoranthene	1.188	1.164		-2.02	50.0
Benzo(a)pyrene	1.092	1.074		-1.648	50.0
Indeno(1,2,3-cd)pyrene	1.416	1.394		-1.554	50.0
Dibenzo(a,h)anthracene	1.184	1.165		-1.605	50.0
Benzo(g,h,i)perylene	1.201	1.174		-2.248	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
1,2,4,5-Tetrachlorobenzene	0.581	0.579		-0.344	50.0
1,4-Dioxane	0.546	0.549		0.549	50.0
2,3,4,6-Tetrachlorophenol	0.341	0.339		-0.587	50.0
1-Methylnaphthalene	0.722	0.690		-4.432	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB155297BL	SDG No.:	BM021224
Lab Sample ID:	PB155297BL	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
BM044050.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.3	U	77.3	270	330	ug/Kg
110-86-1	Pyridine	72.4	U	72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.4	U	74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.8	U	89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.7	U	81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.4	U	82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.8	U	98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	59	U	59	80	80	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.2	U	75.2	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95.1	U	95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.6	U	99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.1	U	78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.5	U	77.5	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.4	U	81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB155297BL	SDG No.:	BM021224
Lab Sample ID:	PB155297BL	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
BM044050.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.6	U	84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.3	U	99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	88.4	U	88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	130	170	ug/Kg
83-32-9	Acenaphthene	80.3	U	80.3	130	170	ug/Kg
Total PAH	Total PAH	1438.1	U	1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.9	U	76.9	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.9	U	189.9	130	340	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	130	170	ug/Kg
86-73-7	Fluorene	84.8	U	84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.3	U	93.3	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.4	U	97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	130	170	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.7	U	92.7	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.9	U	84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB155297BL	SDG No.:	BM021224
Lab Sample ID:	PB155297BL	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
BM044050.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.7	U	83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.9	U	83.9	130	170	ug/Kg
218-01-9	Chrysene	86.8	U	86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.3	U	80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	U	88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.3	U	94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.5	U	96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.5	U	92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.2	U	90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.703		18-112		86	SPK: -150
13127-88-3	Phenol-d6	125.286		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	84.868		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.605		20-109		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	120.313		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	89.675		14-112		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	480632	7.91				
1146-65-2	Naphthalene-d8	1939678	10.71				
15067-26-2	Acenaphthene-d10	1069939	14.545				
1517-22-2	Phenanthrene-d10	2066222	17.298				
1719-03-5	Chrysene-d12	1431763	21.503				
1520-96-3	Perylene-d12	1447277	23.897				



Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB155297BL	SDG No.:	BM021224
Lab Sample ID:	PB155297BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044050.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
017348-59-3	Propane, 2-methyl-2-(1-methylethox	69.3	J			5.028	

Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB158214BL	SDG No.:	BM021224
Lab Sample ID:	PB158214BL	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
BM044051.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB158214BL	SDG No.:	BM021224
Lab Sample ID:	PB158214BL	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
BM044051.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB158214BL	SDG No.:	BM021224
Lab Sample ID:	PB158214BL	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
BM044051.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.159		10-139		91	SPK: -150
13127-88-3	Phenol-d6	130.06		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	89.454		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	88.745		52-132		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	123.084		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	93.817		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	469797	7.904				
1146-65-2	Naphthalene-d8	1834841	10.71				
15067-26-2	Acenaphthene-d10	962309	14.551				
1517-22-2	Phenanthrene-d10	1771270	17.298				
1719-03-5	Chrysene-d12	1205762	21.503				
1520-96-3	Perylene-d12	1280249	23.897				



Report of Analysis

Client:		Date Collected:	1/4/2024 12:00:00 AM
Project:		Date Received:	1/4/2024 12:00:00 AM
Client Sample ID:	PB158214BL	SDG No.:	BM021224
Lab Sample ID:	PB158214BL	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
BM044051.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000763-93-9	3-Hexen-2-one	6.3	J			4.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	33.4	A			5.028	

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044052.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	J	77.2	270	330	ug/Kg
110-86-1	Pyridine	130	J	72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	150	270	330	ug/Kg
62-53-3	Aniline	170		120	130	170	ug/Kg
108-95-2	Phenol	160	J	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	J	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	J	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	J	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	150	J	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	150	J	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	100	130	170	ug/Kg
98-86-2	Acetophenone	140	J	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	140	J	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	150		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	120	J	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	130	J	75.1	130	170	ug/Kg
78-59-1	Isophorone	120	J	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	99	J	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	140	J	99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	J	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	110	J	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	J	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	120	J	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044052.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	J	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	J	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	J	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	120	J	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	120	J	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	130	J	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.2	J	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	94.3	J	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	120	J	80.2	130	170	ug/Kg
Total PAH	Total PAH	1910	J	1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	230	J	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	130	J	76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	110	J	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	J	90.3	130	170	ug/Kg
86-73-7	Fluorene	130	J	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	J	93.2	130	170	ug/Kg
103-33-3	Azobenzene	110	J	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	J	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	98.7	130	170	ug/Kg
1912-24-9	Atrazine	130	J	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	130	J	92.6	130	170	ug/Kg
120-12-7	Anthracene	120	J	100	130	170	ug/Kg
86-74-8	Carbazole	110	J	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	120	J	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044052.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	110	J	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	83.8	130	170	ug/Kg
218-01-9	Chrysene	120	J	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	145.781		18-112		97	SPK: -150
13127-88-3	Phenol-d6	160.105		15-107		107	SPK: -150
4165-60-0	Nitrobenzene-d5	81.918		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.443		20-109		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	134.648		10-110		90	SPK: -150
1718-51-0	Terphenyl-d14	77.974		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344551	7.904				
1146-65-2	Naphthalene-d8	1675474	10.71				
15067-26-2	Acenaphthene-d10	1013399	14.551				
1517-22-2	Phenanthrene-d10	1977086	17.298				
1719-03-5	Chrysene-d12	1618787	21.503				
1520-96-3	Perylene-d12	1818477	23.897				



Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044052.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044053.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	J	77.2	270	330	ug/Kg
110-86-1	Pyridine	180		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	290	J	150	270	330	ug/Kg
62-53-3	Aniline	240		120	130	170	ug/Kg
108-95-2	Phenol	200		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	200		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	200		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	200		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	200		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	200	J	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	190		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210		100	130	170	ug/Kg
98-86-2	Acetophenone	210		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	190	J	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	200		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	190		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	210		75.1	130	170	ug/Kg
78-59-1	Isophorone	190		68	130	170	ug/Kg
88-75-5	2-Nitrophenol	170		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	230		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	190		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	200		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	210		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	190		83.9	130	170	ug/Kg
105-60-2	Caprolactam	160	J	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	190		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044053.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	J	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	210		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	200		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	180		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	200		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	220		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	170		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	200		80.2	130	170	ug/Kg
Total PAH	Total PAH	3170		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	280	J	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	140	J	110	270	330	ug/Kg
132-64-9	Dibenzofuran	210		76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	330	J	189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	190		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	210		90.3	130	170	ug/Kg
86-73-7	Fluorene	210		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	160	J	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	200		93.2	130	170	ug/Kg
103-33-3	Azobenzene	190		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	200		98.7	130	170	ug/Kg
1912-24-9	Atrazine	230		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	140	J	110	270	330	ug/Kg
85-01-8	Phenanthrene	210		92.6	130	170	ug/Kg
120-12-7	Anthracene	200		100	130	170	ug/Kg
86-74-8	Carbazole	190		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	160	J	100	130	170	ug/Kg
206-44-0	Fluoranthene	190		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044053.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	290	J	190	270	330	ug/Kg
129-00-0	Pyrene	190		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	J	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	200		83.8	130	170	ug/Kg
218-01-9	Chrysene	200		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	130	J	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	180		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	210		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	220		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	190		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.168		18-112		56	SPK: -150
13127-88-3	Phenol-d6	84.247		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	62.199		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.975		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	84.092		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	60.836		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	471976	7.904				
1146-65-2	Naphthalene-d8	1926225	10.71				
15067-26-2	Acenaphthene-d10	1082116	14.551				
1517-22-2	Phenanthrene-d10	2085038	17.304				
1719-03-5	Chrysene-d12	1662047	21.503				
1520-96-3	Perylene-d12	1832461	23.897				



Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044053.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB155297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044054.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.1	J	2	8	10	ug/L
110-86-1	Pyridine	4	J	1.8	4	5	ug/L
100-52-7	Benzaldehyde	5.6	J	3.3	8	10	ug/L
62-53-3	Aniline	5.2		2.4	4	5	ug/L
108-95-2	Phenol	4.7	J	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.2	J	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	4	J	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.8	J	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.7	J	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.7	J	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	4.6	J	2.4	8	10	ug/L
95-48-7	2-Methylphenol	4.3	J	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.6	J	2.3	4	5	ug/L
98-86-2	Acetophenone	4	J	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.2	J	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4.6		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.6	J	1.6	4	5	ug/L
98-95-3	Nitrobenzene	4	J	1.7	4	5	ug/L
78-59-1	Isophorone	3.6	J	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	3	J	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	4.4	J	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.9	J	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.4	J	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.5	J	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	3.8	J	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	4	J	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.4	J	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.3	J	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.8	J	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044054.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2.9	J	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3	J	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	3.8	J	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.6	J	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	3.1	J	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.6	J	1.9	4	5	ug/L
208-96-8	Acenaphthylene	3.8	J	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3	J	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.9	J	2.4	4	5	ug/L
83-32-9	Acenaphthene	3.7	J	1.7	4	5	ug/L
Total PAH	Total PAH	57.8	J	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	7.1	J	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	3.9	J	1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.7	J	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.7	J	2.5	4	5	ug/L
84-66-2	Diethylphthalate	3.4	J	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.8	J	2.2	4	5	ug/L
86-73-7	Fluorene	3.8	J	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.7	J	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.1	J	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	3.6	J	2	4	5	ug/L
103-33-3	Azobenzene	3.5	J	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.3	J	2	4	5	ug/L
118-74-1	Hexachlorobenzene	3.6	J	1.9	4	5	ug/L
1912-24-9	Atrazine	4.1	J	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	4	J	2	4	5	ug/L
120-12-7	Anthracene	3.7	J	2.3	4	5	ug/L
86-74-8	Carbazole	3.5	J	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.9	J	2.4	4	5	ug/L
206-44-0	Fluoranthene	3.6	J	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044054.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	3.4	J	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.7	J	1.5	4	5	ug/L
218-01-9	Chrysene	3.7	J	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.4	J	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.5	J	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.3	J	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.5	J	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.5	J	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.4	J	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.8	J	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.2	J	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.3	J	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.8	J	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.062		10-139		96	SPK: -150
13127-88-3	Phenol-d6	157.069		10-134		105	SPK: -150
4165-60-0	Nitrobenzene-d5	81.161		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	78.948		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	134.646		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	76.735		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	355136	7.904				
1146-65-2	Naphthalene-d8	1714887	10.71				
15067-26-2	Acenaphthene-d10	1046271	14.551				
1517-22-2	Phenanthrene-d10	2046600	17.304				
1719-03-5	Chrysene-d12	1734146	21.503				
1520-96-3	Perylene-d12	1955615	23.897				



Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BM044054.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044055.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	6.2	J	2	8	10	ug/L
110-86-1	Pyridine	5.8		1.8	4	5	ug/L
100-52-7	Benzaldehyde	8.5	J	3.3	8	10	ug/L
62-53-3	Aniline	7		2.4	4	5	ug/L
108-95-2	Phenol	6.1		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.1		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	6		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	5.9		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	5.9		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	6		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	5.9	J	2.4	8	10	ug/L
95-48-7	2-Methylphenol	5.8		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.2		2.3	4	5	ug/L
98-86-2	Acetophenone	6.4		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	5.6	J	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.9		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	5.7		1.6	4	5	ug/L
98-95-3	Nitrobenzene	6.2		1.7	4	5	ug/L
78-59-1	Isophorone	5.7		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	5.1		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	6.8		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.1		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	5.6		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.9		1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	6.1		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	6.2		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	5.6		1.9	4	5	ug/L
105-60-2	Caprolactam	4.7	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	5.3		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	5.9		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044055.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	7.2	J	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	5.2		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.4		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	6.4		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	6.1		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	5.4		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	6.1		1.9	4	5	ug/L
208-96-8	Acenaphthylene	6.5		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	5.1		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	5.2		2.4	4	5	ug/L
83-32-9	Acenaphthene	6.1		1.7	4	5	ug/L
Total PAH	Total PAH	96.1		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	8.3	J	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	4.5	J	2.8	8	10	ug/L
132-64-9	Dibenzofuran	6.4		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.8	J	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	0.9	J	4.6	4	10	ug/L
84-66-2	Diethylphthalate	5.6		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.3		2.2	4	5	ug/L
86-73-7	Fluorene	6.4		2	4	5	ug/L
100-01-6	4-Nitroaniline	4.8	J	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.9	J	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	6.1		2	4	5	ug/L
103-33-3	Azobenzene	5.9		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	5.3		2	4	5	ug/L
118-74-1	Hexachlorobenzene	5.9		1.9	4	5	ug/L
1912-24-9	Atrazine	6.8		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	4.2	J	2.6	8	10	ug/L
85-01-8	Phenanthrene	6.4		2	4	5	ug/L
120-12-7	Anthracene	6.2		2.3	4	5	ug/L
86-74-8	Carbazole	5.8		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	5		2.4	4	5	ug/L
206-44-0	Fluoranthene	5.8		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044055.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	9.7	J	6.6	8	10	ug/L
129-00-0	Pyrene	5.8		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.4	J	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.8	J	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	6.1		1.5	4	5	ug/L
218-01-9	Chrysene	6		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.6	J	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.1	J	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	6		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	5.6		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	5.6		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.9		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.9		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.7		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	6.3		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	6.6		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.7		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	5.9		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	83.597		10-139		56	SPK: -150
13127-88-3	Phenol-d6	83.76		10-134		56	SPK: -150
4165-60-0	Nitrobenzene-d5	62.41		49-133		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.817		52-132		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	83.61		32-145		56	SPK: -150
1718-51-0	Terphenyl-d14	60.663		36-145		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	473028	7.904				
1146-65-2	Naphthalene-d8	1917278	10.71				
15067-26-2	Acenaphthene-d10	1074269	14.545				
1517-22-2	Phenanthrene-d10	2105289	17.298				
1719-03-5	Chrysene-d12	1713198	21.498				
1520-96-3	Perylene-d12	1913465	23.892				



Report of Analysis

Client:		Date Collected:	7/11/2023 12:00:00 AM
Project:		Date Received:	7/11/2023 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2023	SDG No.:	BM021224
Lab Sample ID:	O3572-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BM044055.D	1	1/4/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158214

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158276BL	SDG No.:	BM021224
Lab Sample ID:	PB158276BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044056.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.2	U	77.2	270	330	ug/Kg
110-86-1	Pyridine	72.3	U	72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.3	U	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	71.9	U	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.6	U	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.4	U	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.3	U	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.7	U	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.9	U	58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.5	U	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	130	170	ug/Kg
78-59-1	Isophorone	68	U	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.4	U	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158276BL	SDG No.:	BM021224
Lab Sample ID:	PB158276BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044056.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.3	U	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	130	170	ug/Kg
Total PAH	Total PAH	1436.7	U	1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.8	U	76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	130	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	130	170	ug/Kg
103-33-3	Azobenzene	73.4	U	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	130	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158276BL	SDG No.:	BM021224
Lab Sample ID:	PB158276BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044056.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.525		18-112		87	SPK: -150
13127-88-3	Phenol-d6	124.201		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	86.44		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.524		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.953		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	89.612		14-112		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	447225	7.904				
1146-65-2	Naphthalene-d8	1749404	10.71				
15067-26-2	Acenaphthene-d10	919360	14.545				
1517-22-2	Phenanthrene-d10	1704471	17.298				
1719-03-5	Chrysene-d12	1201213	21.497				
1520-96-3	Perylene-d12	1284267	23.891				



Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158276BL	SDG No.:	BM021224
Lab Sample ID:	PB158276BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044056.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	74.3	A			5.028	

Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158274BL	SDG No.:	BM021224
Lab Sample ID:	PB158274BL	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
BM044057.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158274BL	SDG No.:	BM021224
Lab Sample ID:	PB158274BL	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
BM044057.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158274BL	SDG No.:	BM021224
Lab Sample ID:	PB158274BL	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
BM044057.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.71		10-139		90	SPK: -150
13127-88-3	Phenol-d6	128.831		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	89.316		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	90.784		52-132		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	120.531		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	93.019		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	430393	7.904				
1146-65-2	Naphthalene-d8	1641794	10.71				
15067-26-2	Acenaphthene-d10	843001	14.545				
1517-22-2	Phenanthrene-d10	1539371	17.298				
1719-03-5	Chrysene-d12	1113460	21.497				
1520-96-3	Perylene-d12	1216202	23.897				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/8/2024 12:00:00 AM
Project:		Date Received:	1/8/2024 12:00:00 AM
Client Sample ID:	PB158274BL	SDG No.:	BM021224
Lab Sample ID:	PB158274BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM044057.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	6.6	A			4.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	33.8	A			5.028	

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044058.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	J	77.1	270	330	ug/Kg
110-86-1	Pyridine	130	J	72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	150	270	330	ug/Kg
62-53-3	Aniline	170		120	130	170	ug/Kg
108-95-2	Phenol	160	J	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	J	89.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	J	81.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	J	88.3	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	82.2	130	170	ug/Kg
100-51-6	Benzyl Alcohol	150	J	98.6	270	330	ug/Kg
95-48-7	2-Methylphenol	140	J	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	J	100	130	170	ug/Kg
98-86-2	Acetophenone	140	J	86.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	140	J	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	160		58.9	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	120	J	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	130	J	75	130	170	ug/Kg
78-59-1	Isophorone	120	J	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	100	J	94.9	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	140	J	99.4	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	J	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	120	J	77.9	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	J	77.3	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	120	J	81.2	130	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.8	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	82.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	94.7	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044058.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	J	76.9	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	87.7	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	J	91.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	120	J	84.4	130	170	ug/Kg
88-74-4	2-Nitroaniline	100	J	99.1	130	170	ug/Kg
131-11-3	Dimethylphthalate	120	J	88.7	130	170	ug/Kg
208-96-8	Acenaphthylene	130	J	88.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	J	89.8	130	170	ug/Kg
99-09-2	3-Nitroaniline	96.2	J	93.2	130	170	ug/Kg
83-32-9	Acenaphthene	120	J	80.1	130	170	ug/Kg
Total PAH	Total PAH	1910	J	1435.3	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	230	J	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	130	J	76.7	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.5	U	189.5	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.7	U	99.7	130	170	ug/Kg
84-66-2	Diethylphthalate	120	J	85.7	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	J	90.2	130	170	ug/Kg
86-73-7	Fluorene	130	J	84.6	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.6	U	87.6	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	J	93.1	130	170	ug/Kg
103-33-3	Azobenzene	120	J	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	J	97.2	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	98.6	130	170	ug/Kg
1912-24-9	Atrazine	140	J	95.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	130	J	92.5	130	170	ug/Kg
120-12-7	Anthracene	120	J	100	130	170	ug/Kg
86-74-8	Carbazole	110	J	84.7	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	J	100	130	170	ug/Kg
206-44-0	Fluoranthene	120	J	94.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044058.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	120	J	83.5	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	83.7	130	170	ug/Kg
218-01-9	Chrysene	120	J	86.6	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	80.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	87.9	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	94.1	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	96.3	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	92.3	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	J	89.2	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	82.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	90	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140.797		18-112		94	SPK: -150
13127-88-3	Phenol-d6	157.921		15-107		105	SPK: -150
4165-60-0	Nitrobenzene-d5	81.948		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.537		20-109		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	134.927		10-110		90	SPK: -150
1718-51-0	Terphenyl-d14	79.509		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	415397	7.904				
1146-65-2	Naphthalene-d8	2043086	10.71				
15067-26-2	Acenaphthene-d10	1279199	14.551				
1517-22-2	Phenanthrene-d10	2524660	17.298				
1719-03-5	Chrysene-d12	1968145	21.503				
1520-96-3	Perylene-d12	2074183	23.897				



Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044058.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044059.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	210	J	77.1	270	330	ug/Kg
110-86-1	Pyridine	180		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	280	J	150	270	330	ug/Kg
62-53-3	Aniline	230		120	130	170	ug/Kg
108-95-2	Phenol	200		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200		89.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	200		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	200		81.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	190		88.3	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	200		82.2	130	170	ug/Kg
100-51-6	Benzyl Alcohol	200	J	98.6	270	330	ug/Kg
95-48-7	2-Methylphenol	190		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210		100	130	170	ug/Kg
98-86-2	Acetophenone	210		86.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	180	J	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	200		58.9	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	190		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	210		75	130	170	ug/Kg
78-59-1	Isophorone	190		68	130	170	ug/Kg
88-75-5	2-Nitrophenol	170		94.9	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	230		99.4	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	180		77.9	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200		77.3	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	200		81.2	130	170	ug/Kg
106-47-8	4-Chloroaniline	210		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	190		83.8	130	170	ug/Kg
105-60-2	Caprolactam	160	J	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180		82.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	190		94.7	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044059.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	J	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180		76.9	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180		87.7	130	170	ug/Kg
92-52-4	1,1-Biphenyl	210		91.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	200		84.4	130	170	ug/Kg
88-74-4	2-Nitroaniline	180		99.1	130	170	ug/Kg
131-11-3	Dimethylphthalate	200		88.7	130	170	ug/Kg
208-96-8	Acenaphthylene	220		88.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	180		89.8	130	170	ug/Kg
99-09-2	3-Nitroaniline	180		93.2	130	170	ug/Kg
83-32-9	Acenaphthene	200		80.1	130	170	ug/Kg
Total PAH	Total PAH	3190		1435.3	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	280	J	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	150	J	110	270	330	ug/Kg
132-64-9	Dibenzofuran	210		76.7	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170		99.7	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	350		189.5	130	340	ug/Kg
84-66-2	Diethylphthalate	190		85.7	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	210		90.2	130	170	ug/Kg
86-73-7	Fluorene	210		84.6	130	170	ug/Kg
100-01-6	4-Nitroaniline	160	J	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	87.6	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	210		93.1	130	170	ug/Kg
103-33-3	Azobenzene	200		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180		97.2	130	170	ug/Kg
118-74-1	Hexachlorobenzene	200		98.6	130	170	ug/Kg
1912-24-9	Atrazine	230		95.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	150	J	110	270	330	ug/Kg
85-01-8	Phenanthrene	220		92.5	130	170	ug/Kg
120-12-7	Anthracene	210		100	130	170	ug/Kg
86-74-8	Carbazole	200		84.7	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	170		100	130	170	ug/Kg
206-44-0	Fluoranthene	200		94.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044059.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	280	J	190	270	330	ug/Kg
129-00-0	Pyrene	200		83.5	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	J	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	200		83.7	130	170	ug/Kg
218-01-9	Chrysene	200		86.6	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	140	J	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		80.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		87.9	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	180		94.1	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190		96.3	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180		92.3	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	210		89.2	130	170	ug/Kg
123-91-1	1,4-Dioxane	220		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190		82.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	200		90	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.066		18-112		55	SPK: -150
13127-88-3	Phenol-d6	83.803		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	62.296		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.249		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	84.186		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	61.147		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	499261	7.904				
1146-65-2	Naphthalene-d8	2052323	10.704				
15067-26-2	Acenaphthene-d10	1176277	14.551				
1517-22-2	Phenanthrene-d10	2268391	17.298				
1719-03-5	Chrysene-d12	1844234	21.498				
1520-96-3	Perylene-d12	1995058	23.897				



Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044059.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158276

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044060.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.1	J	2	8	10	ug/L
110-86-1	Pyridine	3.9	J	1.8	4	5	ug/L
100-52-7	Benzaldehyde	5.9	J	3.3	8	10	ug/L
62-53-3	Aniline	5.5		2.4	4	5	ug/L
108-95-2	Phenol	4.8	J	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.5	J	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	4	J	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.8	J	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.6	J	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.8	J	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	4.9	J	2.4	8	10	ug/L
95-48-7	2-Methylphenol	4.7	J	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.8	J	2.3	4	5	ug/L
98-86-2	Acetophenone	4.1	J	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.5	J	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.1		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.5	J	1.6	4	5	ug/L
98-95-3	Nitrobenzene	4	J	1.7	4	5	ug/L
78-59-1	Isophorone	3.9	J	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	3.1	J	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	4.5	J	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.1	J	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.5	J	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.5	J	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	3.7	J	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.3	J	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.6	J	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.9	J	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044060.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.2	J	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.3	J	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	3.8	J	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.6	J	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	3.2	J	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.8	J	1.9	4	5	ug/L
208-96-8	Acenaphthylene	4	J	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.3	J	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	3.1	J	2.4	4	5	ug/L
83-32-9	Acenaphthene	3.7	J	1.7	4	5	ug/L
Total PAH	Total PAH	58.1	J	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	7.2	J	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	4	J	1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.3	J	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	3	J	2.5	4	5	ug/L
84-66-2	Diethylphthalate	3.6	J	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4	J	2.2	4	5	ug/L
86-73-7	Fluorene	3.9	J	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.8	J	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.3	J	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	3.7	J	2	4	5	ug/L
103-33-3	Azobenzene	3.7	J	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.3	J	2	4	5	ug/L
118-74-1	Hexachlorobenzene	3.6	J	1.9	4	5	ug/L
1912-24-9	Atrazine	4.3	J	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	3.9	J	2	4	5	ug/L
120-12-7	Anthracene	3.8	J	2.3	4	5	ug/L
86-74-8	Carbazole	3.6	J	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.2	J	2.4	4	5	ug/L
206-44-0	Fluoranthene	3.6	J	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044060.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	3.7	J	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	J	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.7	J	1.5	4	5	ug/L
218-01-9	Chrysene	3.6	J	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	J	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.6	J	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.6	J	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.4	J	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	J	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.4	J	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.2	J	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.7	J	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.2	J	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.6	J	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.9	J	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.238		10-139		93	SPK: -150
13127-88-3	Phenol-d6	158.707		10-134		106	SPK: -150
4165-60-0	Nitrobenzene-d5	80.836		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	76.237		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	135.151		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	77.656		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	442479	7.904				
1146-65-2	Naphthalene-d8	2276238	10.71				
15067-26-2	Acenaphthene-d10	1469404	14.551				
1517-22-2	Phenanthrene-d10	2958263	17.304				
1719-03-5	Chrysene-d12	2294741	21.503				
1520-96-3	Perylene-d12	2325064	23.897				

Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044060.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044061.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	6.1	J	2	8	10	ug/L
110-86-1	Pyridine	5.5		1.8	4	5	ug/L
100-52-7	Benzaldehyde	8.8	J	3.3	8	10	ug/L
62-53-3	Aniline	7.3		2.4	4	5	ug/L
108-95-2	Phenol	6.2		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.2		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	6.1		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	6		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	5.9		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	6		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	6.4	J	2.4	8	10	ug/L
95-48-7	2-Methylphenol	6.1		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.6		2.3	4	5	ug/L
98-86-2	Acetophenone	6.5		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	6	J	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	6.6		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	5.8		1.6	4	5	ug/L
98-95-3	Nitrobenzene	6.3		1.7	4	5	ug/L
78-59-1	Isophorone	6.1		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	5.3		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	6.9		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.2		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	5.8		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.9		1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	6.1		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	6.5		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	5.7		1.9	4	5	ug/L
105-60-2	Caprolactam	5.5	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	5.9		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	6.1		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044061.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	6.5	J	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	5.4		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.6		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	6.4		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	6		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	5.8		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	6.3		1.9	4	5	ug/L
208-96-8	Acenaphthylene	6.6		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	5.6		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	5.7		2.4	4	5	ug/L
83-32-9	Acenaphthene	6.1		1.7	4	5	ug/L
Total PAH	Total PAH	95.5		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	8.7	J	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	5	J	2.8	8	10	ug/L
132-64-9	Dibenzofuran	6.5		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	5.4		2.5	4	5	ug/L
84-66-2	Diethylphthalate	6.1		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.5		2.2	4	5	ug/L
86-73-7	Fluorene	6.6		2	4	5	ug/L
100-01-6	4-Nitroaniline	5.4		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.2	J	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	6.1		2	4	5	ug/L
103-33-3	Azobenzene	6.3		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	5.3		2	4	5	ug/L
118-74-1	Hexachlorobenzene	5.8		1.9	4	5	ug/L
1912-24-9	Atrazine	7.4		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	4.6	J	2.6	8	10	ug/L
85-01-8	Phenanthrene	6.4		2	4	5	ug/L
120-12-7	Anthracene	6.3		2.3	4	5	ug/L
86-74-8	Carbazole	6.1		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	5.6		2.4	4	5	ug/L
206-44-0	Fluoranthene	6.1		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044061.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	9.8	J	6.6	8	10	ug/L
129-00-0	Pyrene	6		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	5.1		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.9	J	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	6.1		1.5	4	5	ug/L
218-01-9	Chrysene	6		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.4		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.7	J	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	6.1		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	6		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	5.6		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.2		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.3		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	6.1		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	6.4		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	6.2		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	6		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	82.109		10-139		55	SPK: -150
13127-88-3	Phenol-d6	85.111		10-134		57	SPK: -150
4165-60-0	Nitrobenzene-d5	61.893		49-133		62	SPK: -100
321-60-8	2-Fluorobiphenyl	59.873		52-132		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	87.006		32-145		58	SPK: -150
1718-51-0	Terphenyl-d14	60.062		36-145		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	555143	7.904				
1146-65-2	Naphthalene-d8	2393558	10.71				
15067-26-2	Acenaphthene-d10	1438998	14.551				
1517-22-2	Phenanthrene-d10	2952447	17.298				
1719-03-5	Chrysene-d12	2428483	21.503				
1520-96-3	Perylene-d12	2442312	23.897				



Report of Analysis

Client:		Date Collected:	1/2/2024 12:00:00 AM
Project:		Date Received:	1/2/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2023	SDG No.:	BM021224
Lab Sample ID:	O4699-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044061.D	1	1/8/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044062.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	J	77.2	270	330	ug/Kg
110-86-1	Pyridine	130	J	72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	150	270	330	ug/Kg
62-53-3	Aniline	170		120	130	170	ug/Kg
108-95-2	Phenol	150	J	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	J	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	J	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	J	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	J	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	150	J	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	140	J	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	100	130	170	ug/Kg
98-86-2	Acetophenone	140	J	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	140	J	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	150		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	120	J	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	130	J	75.1	130	170	ug/Kg
78-59-1	Isophorone	120	J	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	100	J	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	140	J	99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	J	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	120	J	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	J	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	120	J	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044062.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	J	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	J	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	J	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	120	J	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	100	J	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	120	J	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	130	J	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	J	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	96.3	J	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	120	J	80.2	130	170	ug/Kg
Total PAH	Total PAH	1930	J	1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	J	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	130	J	76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	110	J	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	J	90.3	130	170	ug/Kg
86-73-7	Fluorene	130	J	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	J	93.2	130	170	ug/Kg
103-33-3	Azobenzene	120	J	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	J	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	98.7	130	170	ug/Kg
1912-24-9	Atrazine	140	J	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	130	J	92.6	130	170	ug/Kg
120-12-7	Anthracene	120	J	100	130	170	ug/Kg
86-74-8	Carbazole	120	J	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	J	100	130	170	ug/Kg
206-44-0	Fluoranthene	120	J	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044062.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	120	J	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	83.8	130	170	ug/Kg
218-01-9	Chrysene	120	J	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	J	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.088		18-112		93	SPK: -150
13127-88-3	Phenol-d6	152.746		15-107		102	SPK: -150
4165-60-0	Nitrobenzene-d5	80.87		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	77.777		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	131.615		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	76.796		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	419462	7.904				
1146-65-2	Naphthalene-d8	2031908	10.71				
15067-26-2	Acenaphthene-d10	1242301	14.551				
1517-22-2	Phenanthrene-d10	2405845	17.298				
1719-03-5	Chrysene-d12	1975095	21.498				
1520-96-3	Perylene-d12	2182249	23.897				



Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044062.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044063.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	J	77.2	270	330	ug/Kg
110-86-1	Pyridine	180		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	290	J	150	270	330	ug/Kg
62-53-3	Aniline	240		120	130	170	ug/Kg
108-95-2	Phenol	210		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	200		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	200		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	190		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	200		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	210	J	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	200		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210		100	130	170	ug/Kg
98-86-2	Acetophenone	210		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	200	J	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	220		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	190		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	200		75.1	130	170	ug/Kg
78-59-1	Isophorone	200		68	130	170	ug/Kg
88-75-5	2-Nitrophenol	180		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	230		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	210		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	190		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	200		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	210		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	190		83.9	130	170	ug/Kg
105-60-2	Caprolactam	190	J	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	200		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044063.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	220	J	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	210		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	200		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	190		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	210		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	220		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	180		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	190		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	200		80.2	130	170	ug/Kg
Total PAH	Total PAH	3190		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	290	J	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	160	J	110	270	330	ug/Kg
132-64-9	Dibenzofuran	210		76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	360		189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	180		99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	200		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	210		90.3	130	170	ug/Kg
86-73-7	Fluorene	220		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	180		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	J	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	210		93.2	130	170	ug/Kg
103-33-3	Azobenzene	210		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	190		98.7	130	170	ug/Kg
1912-24-9	Atrazine	250		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	150	J	110	270	330	ug/Kg
85-01-8	Phenanthrene	210		92.6	130	170	ug/Kg
120-12-7	Anthracene	210		100	130	170	ug/Kg
86-74-8	Carbazole	200		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	180		100	130	170	ug/Kg
206-44-0	Fluoranthene	200		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044063.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	340		190	270	330	ug/Kg
129-00-0	Pyrene	200		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	170		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	J	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	200		83.8	130	170	ug/Kg
218-01-9	Chrysene	200		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	150	J	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	190		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	210		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	200		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	200		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.504		18-112		54	SPK: -150
13127-88-3	Phenol-d6	83.7		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	61.788		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	59.949		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.201		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	61.017		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	577785	7.904				
1146-65-2	Naphthalene-d8	2458831	10.71				
15067-26-2	Acenaphthene-d10	1455035	14.551				
1517-22-2	Phenanthrene-d10	2951678	17.298				
1719-03-5	Chrysene-d12	2326356	21.497				
1520-96-3	Perylene-d12	2402278	23.897				



Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BM044063.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044064.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.9	J	2	8	10	ug/L
110-86-1	Pyridine	3.9	J	1.8	4	5	ug/L
100-52-7	Benzaldehyde	5.6	J	3.3	8	10	ug/L
62-53-3	Aniline	5.2		2.4	4	5	ug/L
108-95-2	Phenol	4.6	J	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.3	J	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	3.9	J	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.7	J	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.6	J	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.7	J	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	4.6	J	2.4	8	10	ug/L
95-48-7	2-Methylphenol	4.3	J	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.6	J	2.3	4	5	ug/L
98-86-2	Acetophenone	4.1	J	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.2	J	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4.6		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.5	J	1.6	4	5	ug/L
98-95-3	Nitrobenzene	3.9	J	1.7	4	5	ug/L
78-59-1	Isophorone	3.7	J	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	3.1	J	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	4.3	J	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.9	J	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.5	J	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.5	J	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	3.7	J	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	3.9	J	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.4	J	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.4	J	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.8	J	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044064.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.1	J	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.2	J	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	3.9	J	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.7	J	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	3.1	J	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.7	J	1.9	4	5	ug/L
208-96-8	Acenaphthylene	3.9	J	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.1	J	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.9	J	2.4	4	5	ug/L
83-32-9	Acenaphthene	3.7	J	1.7	4	5	ug/L
Total PAH	Total PAH	58	J	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	7.1	J	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	4	J	1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.8	J	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.7	J	2.5	4	5	ug/L
84-66-2	Diethylphthalate	3.5	J	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.9	J	2.2	4	5	ug/L
86-73-7	Fluorene	3.9	J	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.8	J	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.1	J	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	3.7	J	2	4	5	ug/L
103-33-3	Azobenzene	3.5	J	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.3	J	2	4	5	ug/L
118-74-1	Hexachlorobenzene	3.6	J	1.9	4	5	ug/L
1912-24-9	Atrazine	4.1	J	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	4	J	2	4	5	ug/L
120-12-7	Anthracene	3.7	J	2.3	4	5	ug/L
86-74-8	Carbazole	3.5	J	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	3	J	2.4	4	5	ug/L
206-44-0	Fluoranthene	3.6	J	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044064.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	3.4	J	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.7	J	1.5	4	5	ug/L
218-01-9	Chrysene	3.6	J	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.5	J	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.6	J	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.3	J	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.5	J	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.5	J	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.4	J	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.8	J	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.2	J	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.5	J	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.7	J	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.77		10-139		93	SPK: -150
13127-88-3	Phenol-d6	153.502		10-134		102	SPK: -150
4165-60-0	Nitrobenzene-d5	81.255		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	78.839		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	132.972		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	76.941		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	407336	7.904				
1146-65-2	Naphthalene-d8	1949705	10.71				
15067-26-2	Acenaphthene-d10	1185302	14.545				
1517-22-2	Phenanthrene-d10	2326424	17.298				
1719-03-5	Chrysene-d12	1916236	21.503				
1520-96-3	Perylene-d12	2119052	23.897				



Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044064.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044065.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	6.1	J	2	8	10	ug/L
110-86-1	Pyridine	5.4		1.8	4	5	ug/L
100-52-7	Benzaldehyde	8.5	J	3.3	8	10	ug/L
62-53-3	Aniline	7.1		2.4	4	5	ug/L
108-95-2	Phenol	6.1		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.9		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	5.9		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	5.9		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	5.9		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	6		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	6	J	2.4	8	10	ug/L
95-48-7	2-Methylphenol	5.8		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.2		2.3	4	5	ug/L
98-86-2	Acetophenone	6.5		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	5.7	J	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	6.1		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	5.7		1.6	4	5	ug/L
98-95-3	Nitrobenzene	6.2		1.7	4	5	ug/L
78-59-1	Isophorone	5.8		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	5.2		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	6.8		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	5.5		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	6		1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	6.1		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	6.3		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	5.8		1.9	4	5	ug/L
105-60-2	Caprolactam	5	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	5.5		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	5.9		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044065.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	6.9	J	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	5.3		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.3		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	6.4		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	6		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	5.5		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	6		1.9	4	5	ug/L
208-96-8	Acenaphthylene	6.5		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	5.3		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	5.1		2.4	4	5	ug/L
83-32-9	Acenaphthene	6.1		1.7	4	5	ug/L
Total PAH	Total PAH	95.9		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	8.4	J	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	4.5	J	2.8	8	10	ug/L
132-64-9	Dibenzofuran	6.3		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	0.2		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	4.9	J	2.5	4	5	ug/L
84-66-2	Diethylphthalate	5.7		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.3		2.2	4	5	ug/L
86-73-7	Fluorene	6.4		2	4	5	ug/L
100-01-6	4-Nitroaniline	4.9	J	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.9	J	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	6.1		2	4	5	ug/L
103-33-3	Azobenzene	6		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	5.1		2	4	5	ug/L
118-74-1	Hexachlorobenzene	5.9		1.9	4	5	ug/L
1912-24-9	Atrazine	7.2		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	4.2	J	2.6	8	10	ug/L
85-01-8	Phenanthrene	6.4		2	4	5	ug/L
120-12-7	Anthracene	6.2		2.3	4	5	ug/L
86-74-8	Carbazole	5.9		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	5.2		2.4	4	5	ug/L
206-44-0	Fluoranthene	5.9		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044065.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	9.5	J	6.6	8	10	ug/L
129-00-0	Pyrene	5.8		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.5	J	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	6	J	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	6.1		1.5	4	5	ug/L
218-01-9	Chrysene	5.9		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.9	J	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.3	J	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	5.7		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	5.9		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	5.6		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.8		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.9		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	6.2		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	6.6		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.8		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	5.8		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	82.72		10-139		55	SPK: -150
13127-88-3	Phenol-d6	83.065		10-134		55	SPK: -150
4165-60-0	Nitrobenzene-d5	62.372		49-133		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.594		52-132		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	83.167		32-145		55	SPK: -150
1718-51-0	Terphenyl-d14	60.085		36-145		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	499341	7.904				
1146-65-2	Naphthalene-d8	2020448	10.71				
15067-26-2	Acenaphthene-d10	1141728	14.551				
1517-22-2	Phenanthrene-d10	2239573	17.298				
1719-03-5	Chrysene-d12	1862268	21.503				
1520-96-3	Perylene-d12	2084275	23.897				



Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2024	SDG No.:	BM021224
Lab Sample ID:	P1187-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044065.D	1	1/23/2024 12:00:00 AM	2/12/2024 12:00:00 AM	PB158579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Hit Summary Sheet SW-846

SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-SOIL-03-QT3-2023							
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,1-Biphenyl	130.000	J	91.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	89.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,2,4-Trichlorobenzene	120.000	J	77.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,2-Dichlorobenzene	130.000	J	81.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,3-Dichlorobenzene	120.000	J	88.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,4-Dichlorobenzene	120.000	J	82.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1,4-Dioxane	140.000	J	120	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	1-Methylnaphthalene	130.000	J	90.1	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,2-oxybis(1-Chloropropane)	150.000	J	100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	82.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,4,5-Trichlorophenol	100.000	J	87.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,4,6-Trichlorophenol	100.000	J	77	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,4-Dichlorophenol	110.000	J	78	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,4-Dimethylphenol	140.000	J	99.5	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,4-Dinitrophenol	230.000	J	180	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,6-Dinitrotoluene	95.200	J	89.9	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2-Chloronaphthalene	120.000	J	84.5	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2-Chlorophenol	130.000	J	71.9	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2-Methylnaphthalene	120.000	J	94.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2-Methylphenol	150.000	J	110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2-Nitrophenol	99.000	J	95	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	3+4-Methylphenols	140.000	J	110	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	3-Nitroaniline	94.300	J	93.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	4-Bromophenyl-phenylether	110.000	J	97.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	4-Chloro-3-methylphenol	110.000	J	82.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	4-Chloroaniline	130.000	J	100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	4-Chlorophenyl-phenylether	130.000	J	90.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Acenaphthene	120.000	J	80.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Acenaphthylene	130.000	J	88.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Acetophenone	140.000	J	86.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Aniline	170.000		120	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Anthracene	120.000	J	100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Atrazine	130.000	J	95.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Azobenzene	110.000	J	73.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Benzaldehyde	190.000	J	150	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Benzo(a)anthracene	120.000	J	83.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Benzo(a)pyrene	110.000	J	94.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Benzo(b)fluoranthene	110.000	J	80.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Benzo(g,h,i)perylene	110.000	J	92.4	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzo(k)fluoranthene	120.000	J	88	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzyl Alcohol	150.000	J	98.7	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethoxy)methane	130.000	J	110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethyl)ether	140.000	J	89.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Carbazole	110.000	J	84.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Chrysene	120.000	J	86.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Dibenzo(a,h)anthracene	120.000	J	96.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Dibenzofuran	130.000	J	76.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Diethylphthalate	110.000	J	85.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Dimethylphthalate	120.000	J	88.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Fluoranthene	120.000	J	94.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Fluorene	130.000	J	84.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobenzene	120.000	J	98.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobutadiene	110.000	J	83.9	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Hexachloroethane	120.000	J	73.5	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Isophorone	120.000	J	68	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	n-Nitroso-di-n-propylamine	150.000		58.9	79.9	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodimethylamine	140.000	J	77.2	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodiphenylamine	120.000	J	93.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Naphthalene	120.000	J	81.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Nitrobenzene	130.000	J	75.1	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Phenanthrene	130.000	J	92.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Phenol	160.000	J	74.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Pyrene	110.000	J	83.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Pyridine	130.000	J	72.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Total PAH	1,910.000	J	1436.7	2720	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,1-Biphenyl	210.000		91.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,2,4,5-Tetrachlorobenzene	210.000		89.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,2,4-Trichlorobenzene	200.000		77.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,2-Dichlorobenzene	200.000		81.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,3-Dichlorobenzene	200.000		88.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,4-Dichlorobenzene	200.000		82.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1,4-Dioxane	220.000		120	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	1-Methylnaphthalene	190.000		90.1	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,2-oxybis(1-Chloropropane)	210.000		100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,3,4,6-Tetrachlorophenol	190.000		82.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,4,5-Trichlorophenol	180.000		87.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,4,6-Trichlorophenol	180.000		77	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dichlorophenol	190.000		78	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dimethylphenol	230.000		99.5	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrophenol	280.000	J	180	330	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrotoluene	160.000	J	99.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2,6-Dinitrotoluene	170.000		89.9	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2-Chloronaphthalene	200.000		84.5	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2-Chlorophenol	200.000		71.9	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2-Methylnaphthalene	190.000		94.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2-Methylphenol	190.000		110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2-Nitroaniline	180.000		99.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	2-Nitrophenol	170.000		95	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	3+4-Methylphenols	190.000	J	110	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	3,3-Dichlorobenzidine	190.000	J	160	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	3-Nitroaniline	170.000		93.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4,6-Dinitro-2-methylphenol	130.000	J	87.7	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4-Bromophenyl-phenylether	180.000		97.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4-Chloro-3-methylphenol	180.000		82.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4-Chloroaniline	210.000		100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4-Chlorophenyl-phenylether	210.000		90.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4-Nitroaniline	160.000	J	100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	4-Nitrophenol	140.000	J	110	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Acenaphthene	200.000		80.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Acenaphthylene	220.000		88.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Acetophenone	210.000		86.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Aniline	240.000		120	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Anthracene	200.000		100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Atrazine	230.000		95.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Azobenzene	190.000		73.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzaldehyde	290.000	J	150	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzidine	290.000	J	190	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)anthracene	200.000		83.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)pyrene	180.000		94.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzo(b)fluoranthene	190.000		80.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzo(g,h,i)perylene	190.000		92.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzo(k)fluoranthene	200.000		88	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Benzyl Alcohol	200.000	J	98.7	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethoxy)methane	200.000		110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethyl)ether	200.000		89.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Bis(2-ethylhexyl)phthalate	150.000	J	110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Butylbenzylphthalate	140.000	J	100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Caprolactam	160.000	J	120	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Carbazole	190.000		84.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Chrysene	200.000		86.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Di-n-butylphthalate	160.000	J	100	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-202	Solid	Di-n-octyl phthalate	130.000	J	120	330	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Dibenzo(a,h)anthracene	200.000		96.4	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Dibenzofuran	210.000		76.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Diethylphthalate	190.000		85.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Dimethylphthalate	200.000		88.8	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Fluoranthene	190.000		94.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Fluorene	210.000		84.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Hexachlorobenzene	200.000		98.7	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Hexachlorobutadiene	190.000		83.9	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Hexachlorocyclopentadiene	240.000	J	210	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Hexachloroethane	190.000		73.5	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Indeno(1,2,3-cd)pyrene	190.000		110	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Isophorone	190.000		68	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	n-Nitroso-di-n-propylamine	200.000		58.9	79.9	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	n-Nitrosodimethylamine	200.000	J	77.2	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	n-Nitrosodiphenylamine	200.000		93.2	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Naphthalene	200.000		81.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Nitrobenzene	210.000		75.1	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Pentachlorophenol	140.000	J	110	330	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Phenanthrene	210.000		92.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Phenol	200.000		74.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Pyrene	190.000		83.6	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Pyridine	180.000		72.3	170	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	330.000	J	189.7	340	ug/Kg
O3572-03	MDL-SOIL-03-QT3-2023	Solid	Total PAH	3,170.000		1436.7	2720	ug/Kg
Total Svoc :				29,038.50				
Total Concentration:				29,038.50				

Client ID : MDL-WATER-03-QT3-2023

O3572-09	MDL-WATER-03-QT3-2023	Water	1,1-Biphenyl	3.800	J	1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1,2,4,5-Tetrachlorobenzene	3.800	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1,2,4-Trichlorobenzene	3.500	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1,2-Dichlorobenzene	3.800	J	1.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1,3-Dichlorobenzene	3.700	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1,4-Dichlorobenzene	3.700	J	1.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1,4-Dioxane	4.200	J	2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	1-Methylnaphthalene	3.800	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,2-oxybis(1-Chloropropane)	4.600	J	2.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,3,4,6-Tetrachlorophenol	3.300	J	1.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,4,5-Trichlorophenol	3.000	J	1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,4,6-Trichlorophenol	2.900	J	1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,4-Dichlorophenol	3.400	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,4-Dimethylphenol	4.400	J	3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2023	Water	2,4-Dinitrophenol	7.100	J	5.5	10	ug/L

Hit Summary Sheet

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene	2.700	J	2.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,6-Dinitrotoluene	3.000	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Chloronaphthalene	3.600	J	1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Chlorophenol	4.000	J	1.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Methylnaphthalene	3.800	J	2.2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Methylphenol	4.300	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Nitroaniline	3.100	J	2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Nitrophenol	3.000	J	2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	3+4-Methylphenols	4.200	J	2.2	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	3-Nitroaniline	2.900	J	2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4,6-Dinitro-2-methylphenol	2.100	J	1.8	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Bromophenyl-phenylether	3.300	J	2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Chloro-3-methylphenol	3.300	J	1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Chloroaniline	4.000	J	2.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Chlorophenyl-phenylether	3.800	J	2.2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Nitroaniline	2.700	J	2.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Acenaphthene	3.700	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	3.800	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Acetophenone	4.000	J	1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Aniline	5.200		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Anthracene	3.700	J	2.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Atrazine	4.100	J	3.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Azobenzene	3.500	J	1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzaldehyde	5.600	J	3.3	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	3.700	J	1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	3.300	J	2.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	3.400	J	1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	3.400	J	1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	3.500	J	1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzyl Alcohol	4.600	J	2.4	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethoxy)methane	3.900	J	2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	4.200	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Carbazole	3.500	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Chrysene	3.700	J	1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Di-n-butylphthalate	2.900	J	2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	3.500	J	2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Dibenzofuran	3.900	J	1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Diethylphthalate	3.400	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Dimethylphthalate	3.600	J	1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	3.600	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Fluorene	3.800	J	2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	3.600	J	1.9	5	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	3.400	J	1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachloroethane	3.600	J	1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	3.500	J	2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Isophorone	3.600	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	n-Nitroso-di-n-propylamine	4.600		2	2.5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	4.100	J	2	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodiphenylamine	3.600	J	2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	3.800	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Nitrobenzene	4.000	J	1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	4.000	J	2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Phenol	4.700	J	1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Pyrene	3.400	J	1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Pyridine	4.000	J	1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.700	J	4.6	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Total PAH	57.800	J	31	80	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,1-Biphenyl	6.400		1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,2,4,5-Tetrachlorobenzene	6.300		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,2,4-Trichlorobenzene	5.900		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,2-Dichlorobenzene	5.900		1.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,3-Dichlorobenzene	5.900		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,4-Dichlorobenzene	6.000		1.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1,4-Dioxane	6.600		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	1-Methylnaphthalene	5.900		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,2-oxybis(1-Chloropropane)	6.200		2.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,3,4,6-Tetrachlorophenol	5.700		1.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4,5-Trichlorophenol	5.400		1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4,6-Trichlorophenol	5.200		1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dichlorophenol	5.600		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dimethylphenol	6.800		3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrophenol	8.300	J	5.5	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene	4.800	J	2.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,6-Dinitrotoluene	5.100		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Chloronaphthalene	6.100		1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Chlorophenol	6.000		1.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Methylnaphthalene	5.900		2.2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Methylphenol	5.800		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Nitroaniline	5.400		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2-Nitrophenol	5.100		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	3+4-Methylphenols	5.600	J	2.2	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	3,3-Dichlorobenzidine	5.800	J	5.4	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	3-Nitroaniline	5.200		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4,6-Dinitro-2-methylphenol	3.900	J	1.8	10	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Bromophenyl-phenylether	5.300		2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Chloro-3-methylphenol	5.300		1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Chloroaniline	6.200		2.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Chlorophenyl-phenylether	6.300		2.2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Nitroaniline	4.800	J	2.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	4-Nitrophenol	4.500	J	2.8	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Acenaphthene	6.100		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	6.500		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Acetophenone	6.400		1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Aniline	7.000		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Anthracene	6.200		2.3	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Atrazine	6.800		3.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Azobenzene	5.900		1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzaldehyde	8.500	J	3.3	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzidine	9.700	J	6.6	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	6.100		1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	5.600		2.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	6.000		1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	5.700		1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	5.600		1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Benzyl Alcohol	5.900	J	2.4	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethoxy)methane	6.100		2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	6.100		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Bis(2-ethylhexyl)phthalate	4.600	J	2.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Butylbenzylphthalate	4.400	J	2.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Caprolactam	4.700	J	3.4	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Carbazole	5.800		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Chrysene	6.000		1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Di-n-butylphthalate	5.000		2.4	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Di-n-octyl phthalate	4.100	J	3.1	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	5.900		2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Dibenzofuran	6.400		1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Diethylphthalate	5.600		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Dimethylphthalate	6.100		1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	5.800		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Fluorene	6.400		2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	5.900		1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	5.600		1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachlorocyclopentadiene	7.200	J	5.7	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Hexachloroethane	5.700		1.6	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	5.900		2.1	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Isophorone	5.700		1.7	5	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O3572-09	MDL-WATER-03-QT3-2\ Water	n-Nitroso-di-n-propylamine	5.900		2	2.5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	6.200	J	2	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodiphenylamine	6.100		2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	6.100		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Nitrobenzene	6.200		1.7	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Pentachlorophenol	4.200	J	2.6	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	6.400		2	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Phenol	6.100		1.5	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Pyrene	5.800		1.9	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Pyridine	5.800		1.8	5	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	9.900	J	4.6	10	ug/L
O3572-09	MDL-WATER-03-QT3-2\ Water	Total PAH	96.100		31	80	ug/L
Total Svoc :			896.70				
Total Concentration:			896.70				

Client ID : MDL-SOIL-03-QT4-2023

O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,1-Biphenyl	130.000	J	91.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,2,4,5-Tetrachlorobenzene	120.000	J	89.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,2,4-Trichlorobenzene	120.000	J	77.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,2-Dichlorobenzene	120.000	J	81.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,3-Dichlorobenzene	120.000	J	88.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,4-Dichlorobenzene	120.000	J	82.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1,4-Dioxane	140.000	J	120	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	1-Methylnaphthalene	130.000	J	90	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,2-oxybis(1-Chloropropane)	160.000	J	100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,3,4,6-Tetrachlorophenol	110.000	J	82.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,4,5-Trichlorophenol	110.000	J	87.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,4,6-Trichlorophenol	100.000	J	76.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,4-Dichlorophenol	120.000	J	77.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,4-Dimethylphenol	140.000	J	99.4	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,4-Dinitrophenol	230.000	J	180	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2,6-Dinitrotoluene	100.000	J	89.8	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2-Chloronaphthalene	120.000	J	84.4	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2-Chlorophenol	130.000	J	71.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2-Methylnaphthalene	130.000	J	94.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2-Methylphenol	140.000	J	110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2-Nitroaniline	100.000	J	99.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	2-Nitrophenol	100.000	J	94.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	3+4-Methylphenols	140.000	J	110	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	3-Nitroaniline	96.200	J	93.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	4-Bromophenyl-phenylether	110.000	J	97.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	4-Chloro-3-methylphenol	110.000	J	82.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202\ Solid	4-Chloroaniline	130.000	J	100	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Chlorophenyl-phenylether	130.000	J	90.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthene	120.000	J	80.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthylene	130.000	J	88.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Acetophenone	140.000	J	86.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Aniline	170.000		120	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Anthracene	120.000	J	100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Atrazine	140.000	J	95.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Azobenzene	120.000	J	73.4	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzaldehyde	190.000	J	150	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)anthracene	120.000	J	83.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)pyrene	110.000	J	94.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzo(b)fluoranthene	120.000	J	80.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzo(g,h,i)perylene	110.000	J	92.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzo(k)fluoranthene	120.000	J	87.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzyl Alcohol	150.000	J	98.6	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethoxy)methane	130.000	J	110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethyl)ether	140.000	J	89.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Carbazole	110.000	J	84.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Chrysene	120.000	J	86.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Di-n-butylphthalate	100.000	J	100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Dibenzo(a,h)anthracene	110.000	J	96.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Dibenzofuran	130.000	J	76.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Diethylphthalate	120.000	J	85.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Dimethylphthalate	120.000	J	88.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Fluoranthene	120.000	J	94.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Fluorene	130.000	J	84.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Hexachlorobenzene	120.000	J	98.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Hexachlorobutadiene	110.000	J	83.8	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Hexachloroethane	120.000	J	73.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Isophorone	120.000	J	68	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	n-Nitroso-di-n-propylamine	160.000		58.9	79.8	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	n-Nitrosodimethylamine	140.000	J	77.1	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	n-Nitrosodiphenylamine	120.000	J	93.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Naphthalene	120.000	J	81.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Nitrobenzene	130.000	J	75	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Phenanthrene	130.000	J	92.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Phenol	160.000	J	74.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Pyrene	120.000	J	83.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Pyridine	130.000	J	72.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Total PAH	1,910.000	J	1435.3	2720	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,1-Biphenyl	210.000		91.1	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,2,4,5-Tetrachlorobenzene	210.000		89.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,2,4-Trichlorobenzene	200.000		77.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,2-Dichlorobenzene	200.000		81.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,3-Dichlorobenzene	190.000		88.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,4-Dichlorobenzene	200.000		82.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1,4-Dioxane	220.000		120	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	1-Methylnaphthalene	200.000		90	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,2-oxybis(1-Chloropropane)	210.000		100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,3,4,6-Tetrachlorophenol	190.000		82.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,4,5-Trichlorophenol	180.000		87.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,4,6-Trichlorophenol	180.000		76.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dichlorophenol	180.000		77.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dimethylphenol	230.000		99.4	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dinitrophenol	280.000	J	180	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dinitrotoluene	170.000		99.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2,6-Dinitrotoluene	180.000		89.8	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2-Chloronaphthalene	200.000		84.4	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2-Chlorophenol	200.000		71.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2-Methylnaphthalene	190.000		94.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2-Methylphenol	190.000		110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2-Nitroaniline	180.000		99.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	2-Nitrophenol	170.000		94.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	3+4-Methylphenols	180.000	J	110	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	3,3-Dichlorobenzidine	190.000	J	160	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	3-Nitroaniline	180.000		93.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4,6-Dinitro-2-methylphenol	130.000	J	87.6	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Bromophenyl-phenylether	180.000		97.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Chloro-3-methylphenol	180.000		82.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Chloroaniline	210.000		100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Chlorophenyl-phenylether	210.000		90.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Nitroaniline	160.000	J	100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	4-Nitrophenol	150.000	J	110	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthene	200.000		80.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthylene	220.000		88.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Acetophenone	210.000		86.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Aniline	230.000		120	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Anthracene	210.000		100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Atrazine	230.000		95.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Azobenzene	200.000		73.4	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzaldehyde	280.000	J	150	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzdine	280.000	J	190	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)anthracene	200.000		83.7	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Benzo(a)pyrene	180.000		94.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Benzo(b)fluoranthene	200.000		80.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Benzo(g,h,i)perylene	180.000		92.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Benzo(k)fluoranthene	190.000		87.9	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Benzyl Alcohol	200.000	J	98.6	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	bis(2-Chloroethoxy)methane	200.000		110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	bis(2-Chloroethyl)ether	200.000		89.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Butylbenzylphthalate	150.000	J	100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Caprolactam	160.000	J	120	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Carbazole	200.000		84.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Chrysene	200.000		86.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Di-n-butylphthalate	170.000		100	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Di-n-octyl phthalate	140.000	J	120	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Dibenzo(a,h)anthracene	190.000		96.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Dibenzofuran	210.000		76.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Diethylphthalate	190.000		85.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Dimethylphthalate	200.000		88.7	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Fluoranthene	200.000		94.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Fluorene	210.000		84.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Hexachlorobenzene	200.000		98.6	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Hexachlorobutadiene	190.000		83.8	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Hexachlorocyclopentadiene	230.000	J	210	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Hexachloroethane	190.000		73.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Indeno(1,2,3-cd)pyrene	190.000		110	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Isophorone	190.000		68	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	n-Nitroso-di-n-propylamine	200.000		58.9	79.8	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	n-Nitrosodimethylamine	210.000	J	77.1	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	n-Nitrosodiphenylamine	210.000		93.1	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Naphthalene	200.000		81.2	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Nitrobenzene	210.000		75	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Pentachlorophenol	150.000	J	110	330	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Phenanthrene	220.000		92.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Phenol	200.000		74.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Pyrene	200.000		83.5	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Pyridine	180.000		72.3	170	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	350.000		189.5	340	ug/Kg
O4699-03	MDL-SOIL-03-QT4-2023	Solid	Total PAH	3,190.000		1435.3	2720	ug/Kg
Total Svoc :				29,426.20				
Total Concentration:				29,426.20				

Client ID : MDL-WATER-03-QT4-2023

O4699-09	MDL-WATER-03-QT4-2023	Water	1,1-Biphenyl	3.800	J	1.8	5	ug/L
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Hit Summary Sheet SW-846

SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O4699-09	MDL-WATER-03-QT4-2\ Water	1,2,4,5-Tetrachlorobenzene	3.700	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,2,4-Trichlorobenzene	3.500	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,2-Dichlorobenzene	3.800	J	1.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,3-Dichlorobenzene	3.600	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,4-Dichlorobenzene	3.800	J	1.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,4-Dioxane	4.200	J	2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1-Methylnaphthalene	3.900	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,2-oxybis(1-Chloropropane)	4.800	J	2.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,3,4,6-Tetrachlorophenol	3.600	J	1.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4,5-Trichlorophenol	3.300	J	1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4,6-Trichlorophenol	3.200	J	1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dichlorophenol	3.500	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dimethylphenol	4.500	J	3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrophenol	7.200	J	5.5	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene	3.000	J	2.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,6-Dinitrotoluene	3.300	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Chloronaphthalene	3.600	J	1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Chlorophenol	4.000	J	1.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Methylnaphthalene	3.900	J	2.2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Methylphenol	4.700	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Nitroaniline	3.200	J	2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Nitrophenol	3.100	J	2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	3+4-Methylphenols	4.500	J	2.2	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	3-Nitroaniline	3.100	J	2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4,6-Dinitro-2-methylphenol	2.300	J	1.8	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Bromophenyl-phenylether	3.300	J	2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Chloro-3-methylphenol	3.600	J	1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Chloroaniline	4.200	J	2.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Chlorophenyl-phenylether	4.000	J	2.2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Nitroaniline	2.800	J	2.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Acenaphthene	3.700	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Acenaphthylene	4.000	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Acetophenone	4.100	J	1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Aniline	5.500		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Anthracene	3.800	J	2.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Atrazine	4.300	J	3.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Azobenzene	3.700	J	1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzaldehyde	5.900	J	3.3	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)anthracene	3.700	J	1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)pyrene	3.400	J	2.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(b)fluoranthene	3.600	J	1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(g,h,i)perylene	3.200	J	1.9	5	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(k)fluoranthene	3.600	J	1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzyl Alcohol	4.900	J	2.4	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethoxy)methane	4.100	J	2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethyl)ether	4.500	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Bis(2-ethylhexyl)phthalate	3.000	J	2.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Butylbenzylphthalate	2.800	J	2.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Caprolactam	3.400	J	3.4	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Carbazole	3.600	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Chrysene	3.600	J	1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Di-n-butylphthalate	3.200	J	2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Dibenzo(a,h)anthracene	3.400	J	2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Dibenzofuran	4.000	J	1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Diethylphthalate	3.600	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Dimethylphthalate	3.800	J	1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Fluoranthene	3.600	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Fluorene	3.900	J	2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobenzene	3.600	J	1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobutadiene	3.300	J	1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachloroethane	3.500	J	1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Indeno(1,2,3-cd)pyrene	3.300	J	2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Isophorone	3.900	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	n-Nitroso-di-n-propylamine	5.100		2	2.5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodimethylamine	4.100	J	2	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodiphenylamine	3.700	J	2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Naphthalene	3.700	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Nitrobenzene	4.000	J	1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Phenanthrene	3.900	J	2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Phenol	4.800	J	1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Pyrene	3.700	J	1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Pyridine	3.900	J	1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	6.300	J	4.6	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Total PAH	58.100	J	31	80	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,1-Biphenyl	6.400		1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,2,4,5-Tetrachlorobenzene	6.100		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,2,4-Trichlorobenzene	5.900		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,2-Dichlorobenzene	6.000		1.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,3-Dichlorobenzene	5.900		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,4-Dichlorobenzene	6.000		1.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1,4-Dioxane	6.400		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	1-Methylnaphthalene	6.000		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,2-oxybis(1-Chloropropane)	6.600		2.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,3,4,6-Tetrachlorophenol	6.200		1.3	5	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4,5-Trichlorophenol	5.600		1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4,6-Trichlorophenol	5.400		1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dichlorophenol	5.800		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dimethylphenol	6.900		3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrophenol	8.700	J	5.5	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene	5.400		2.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,6-Dinitrotoluene	5.600		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Chloronaphthalene	6.000		1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Chlorophenol	6.100		1.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Methylnaphthalene	6.100		2.2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Methylphenol	6.100		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Nitroaniline	5.800		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2-Nitrophenol	5.300		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	3+4-Methylphenols	6.000	J	2.2	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	3,3-Dichlorobenzidine	5.900	J	5.4	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	3-Nitroaniline	5.700		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4,6-Dinitro-2-methylphenol	4.200	J	1.8	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Bromophenyl-phenylether	5.300		2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Chloro-3-methylphenol	5.900		1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Chloroaniline	6.500		2.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Chlorophenyl-phenylether	6.500		2.2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Nitroaniline	5.400		2.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	4-Nitrophenol	5.000	J	2.8	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Acenaphthene	6.100		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Acenaphthylene	6.600		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Acetophenone	6.500		1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Aniline	7.300		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Anthracene	6.300		2.3	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Atrazine	7.400		3.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Azobenzene	6.300		1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzaldehyde	8.800	J	3.3	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzidine	9.800	J	6.6	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)anthracene	6.100		1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)pyrene	5.600		2.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(b)fluoranthene	6.100		1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(g,h,i)perylene	5.000		1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzo(k)fluoranthene	6.000		1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Benzyl Alcohol	6.400	J	2.4	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethoxy)methane	6.200		2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethyl)ether	6.200		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Bis(2-ethylhexyl)phthalate	5.400		2.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Butylbenzylphthalate	5.100		2.8	5	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
O4699-09	MDL-WATER-03-QT4-2\ Water	Caprolactam	5.500	J	3.4	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Carbazole	6.100		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Chrysene	6.000		1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Di-n-butylphthalate	5.600		2.4	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Di-n-octyl phthalate	4.700	J	3.1	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Dibenzo(a,h)anthracene	5.300		2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Dibenzofuran	6.500		1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Diethylphthalate	6.100		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Dimethylphthalate	6.300		1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Fluoranthene	6.100		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Fluorene	6.600		2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobenzene	5.800		1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobutadiene	5.700		1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachlorocyclopentadiene	6.500	J	5.7	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Hexachloroethane	5.800		1.6	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Indeno(1,2,3-cd)pyrene	5.200		2.1	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Isophorone	6.100		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	n-Nitroso-di-n-propylamine	6.600		2	2.5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodimethylamine	6.100	J	2	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodiphenylamine	6.100		2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Naphthalene	6.100		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Nitrobenzene	6.300		1.7	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Pentachlorophenol	4.600	J	2.6	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Phenanthrene	6.400		2	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Phenol	6.200		1.5	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Pyrene	6.000		1.9	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Pyridine	5.500		1.8	5	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	11.000		4.6	10	ug/L
O4699-09	MDL-WATER-03-QT4-2\ Water	Total PAH	95.500		31	80	ug/L
Total Svoc :			930.00				
Total Concentration:			930.00				

Client ID : MDL-SOIL-03-QT1-2024

P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,1-Biphenyl	130.000	J	91.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,2,4,5-Tetrachlorobenzene	120.000	J	89.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,2,4-Trichlorobenzene	120.000	J	77.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,2-Dichlorobenzene	120.000	J	81.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,3-Dichlorobenzene	120.000	J	88.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,4-Dichlorobenzene	120.000	J	82.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1,4-Dioxane	140.000	J	120	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	1-Methylnaphthalene	120.000	J	90.1	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	2,2-oxybis(1-Chloropropane)	150.000	J	100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-202\ Solid	2,3,4,6-Tetrachlorophenol	110.000	J	82.8	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4,5-Trichlorophenol	100.000	J	87.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4,6-Trichlorophenol	100.000	J	77	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dichlorophenol	120.000	J	78	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dimethylphenol	140.000	J	99.5	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dinitrophenol	240.000	J	180	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,6-Dinitrotoluene	100.000	J	89.9	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Chloronaphthalene	120.000	J	84.5	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Chlorophenol	130.000	J	71.9	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Methylnaphthalene	130.000	J	94.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Methylphenol	140.000	J	110	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Nitroaniline	100.000	J	99.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Nitrophenol	100.000	J	95	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	3+4-Methylphenols	140.000	J	110	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	3-Nitroaniline	96.300	J	93.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Bromophenyl-phenylether	110.000	J	97.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Chloro-3-methylphenol	110.000	J	82.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Chloroaniline	130.000	J	100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Chlorophenyl-phenylether	130.000	J	90.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Acenaphthene	120.000	J	80.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Acenaphthylene	130.000	J	88.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Acetophenone	140.000	J	86.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Aniline	170.000		120	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Anthracene	120.000	J	100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Atrazine	140.000	J	95.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Azobenzene	120.000	J	73.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzaldehyde	190.000	J	150	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(a)anthracene	120.000	J	83.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(a)pyrene	110.000	J	94.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(b)fluoranthene	120.000	J	80.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(g,h,i)perylene	110.000	J	92.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(k)fluoranthene	120.000	J	88	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzyl Alcohol	150.000	J	98.7	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	bis(2-Chloroethoxy)methane	130.000	J	110	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	bis(2-Chloroethyl)ether	140.000	J	89.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Carbazole	120.000	J	84.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Chrysene	120.000	J	86.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Di-n-butylphthalate	100.000	J	100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Dibenzo(a,h)anthracene	120.000	J	96.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Dibenzofuran	130.000	J	76.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Diethylphthalate	110.000	J	85.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Dimethylphthalate	120.000	J	88.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Fluoranthene	120.000	J	94.3	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Fluorene	130.000	J	84.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachlorobenzene	120.000	J	98.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachlorobutadiene	110.000	J	83.9	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachloroethane	120.000	J	73.5	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	110	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Isophorone	120.000	J	68	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	n-Nitroso-di-n-propylamine	150.000		58.9	79.9	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	n-Nitrosodimethylamine	130.000	J	77.2	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	n-Nitrosodiphenylamine	120.000	J	93.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Naphthalene	120.000	J	81.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Nitrobenzene	130.000	J	75.1	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Phenanthrene	130.000	J	92.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Phenol	150.000	J	74.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Pyrene	120.000	J	83.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Pyridine	130.000	J	72.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Total PAH	1,930.000	J	1436.7	2720	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,1-Biphenyl	210.000		91.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,2,4,5-Tetrachlorobenzene	200.000		89.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,2,4-Trichlorobenzene	190.000		77.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,2-Dichlorobenzene	200.000		81.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,3-Dichlorobenzene	190.000		88.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,4-Dichlorobenzene	200.000		82.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1,4-Dioxane	210.000		120	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	1-Methylnaphthalene	200.000		90.1	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,2-oxybis(1-Chloropropane)	210.000		100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,3,4,6-Tetrachlorophenol	200.000		82.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4,5-Trichlorophenol	180.000		87.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4,6-Trichlorophenol	180.000		77	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dichlorophenol	190.000		78	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dimethylphenol	230.000		99.5	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dinitrophenol	290.000	J	180	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dinitrotoluene	180.000		99.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,6-Dinitrotoluene	180.000		89.9	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Chloronaphthalene	200.000		84.5	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Chlorophenol	200.000		71.9	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Methylnaphthalene	200.000		94.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Methylphenol	200.000		110	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Nitroaniline	190.000		99.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2-Nitrophenol	180.000		95	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	3+4-Methylphenols	200.000	J	110	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	3,3-Dichlorobenzidine	200.000	J	160	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	3-Nitroaniline	190.000		93.3	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4,6-Dinitro-2-methylphenol	140.000	J	87.7	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Bromophenyl-phenylether	170.000		97.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Chloro-3-methylphenol	190.000		82.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Chloroaniline	210.000		100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Chlorophenyl-phenylether	210.000		90.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Nitroaniline	180.000		100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	4-Nitrophenol	160.000	J	110	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Acenaphthene	200.000		80.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Acenaphthylene	220.000		88.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Acetophenone	210.000		86.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Aniline	240.000		120	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Anthracene	210.000		100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Atrazine	250.000		95.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Azobenzene	210.000		73.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzaldehyde	290.000	J	150	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzidine	340.000		190	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(a)anthracene	200.000		83.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(a)pyrene	190.000		94.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(b)fluoranthene	200.000		80.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(g,h,i)perylene	170.000		92.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzo(k)fluoranthene	200.000		88	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Benzyl Alcohol	210.000	J	98.7	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	bis(2-Chloroethoxy)methane	210.000		110	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	bis(2-Chloroethyl)ether	200.000		89.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Bis(2-ethylhexyl)phthalate	180.000		110	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Butylbenzylphthalate	170.000		100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Caprolactam	190.000	J	120	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Carbazole	200.000		84.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Chrysene	200.000		86.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Di-n-butylphthalate	180.000		100	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Di-n-octyl phthalate	150.000	J	120	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Dibenzo(a,h)anthracene	190.000		96.4	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Dibenzofuran	210.000		76.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Diethylphthalate	200.000		85.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Dimethylphthalate	210.000		88.8	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Fluoranthene	200.000		94.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Fluorene	220.000		84.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachlorobenzene	190.000		98.7	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachlorobutadiene	190.000		83.9	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachlorocyclopentadiene	220.000	J	210	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Hexachloroethane	190.000		73.5	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Indeno(1,2,3-cd)pyrene	180.000		110	170	ug/Kg

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SDG No.: BM021224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Isophorone	200.000		68	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	n-Nitroso-di-n-propylamine	220.000		58.9	79.9	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	n-Nitrosodimethylamine	200.000	J	77.2	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	n-Nitrosodiphenylamine	210.000		93.2	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Naphthalene	200.000		81.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Nitrobenzene	200.000		75.1	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Pentachlorophenol	150.000	J	110	330	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Phenanthrene	210.000		92.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Phenol	210.000		74.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Pyrene	200.000		83.6	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Pyridine	180.000		72.3	170	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	360.000		189.7	340	ug/Kg
P1187-03	MDL-SOIL-03-QT1-2024	Solid	Total PAH	3,190.000		1436.7	2720	ug/Kg
Total Svoc :				29,796.30				
Total Concentration:				29,796.30				

Client ID : MDL-WATER-03-QT1-2024

P1187-09	MDL-WATER-03-QT1-2024	Water	1,1-Biphenyl	3.900	J	1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1,2,4,5-Tetrachlorobenzene	3.800	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1,2,4-Trichlorobenzene	3.500	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1,2-Dichlorobenzene	3.700	J	1.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1,3-Dichlorobenzene	3.600	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1,4-Dichlorobenzene	3.700	J	1.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1,4-Dioxane	4.200	J	2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	1-Methylnaphthalene	3.700	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,2-oxybis(1-Chloropropane)	4.600	J	2.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,3,4,6-Tetrachlorophenol	3.500	J	1.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,4,5-Trichlorophenol	3.200	J	1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,4,6-Trichlorophenol	3.100	J	1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,4-Dichlorophenol	3.500	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,4-Dimethylphenol	4.300	J	3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,4-Dinitrophenol	7.100	J	5.5	10	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,4-Dinitrotoluene	2.700	J	2.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2,6-Dinitrotoluene	3.100	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2-Chloronaphthalene	3.700	J	1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2-Chlorophenol	3.900	J	1.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2-Methylnaphthalene	3.800	J	2.2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2-Methylphenol	4.300	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2-Nitroaniline	3.100	J	2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	2-Nitrophenol	3.100	J	2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	3+4-Methylphenols	4.200	J	2.2	10	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	3-Nitroaniline	2.900	J	2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2024	Water	4,6-Dinitro-2-methylphenol	2.100	J	1.8	10	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Bromophenyl-phenylether	3.300	J	2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Chloro-3-methylphenol	3.400	J	1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Chloroaniline	3.900	J	2.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Chlorophenyl-phenylether	3.900	J	2.2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Nitroaniline	2.800	J	2.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Acenaphthene	3.700	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Acenaphthylene	3.900	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Acetophenone	4.100	J	1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Aniline	5.200		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Anthracene	3.700	J	2.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Atrazine	4.100	J	3.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Azobenzene	3.500	J	1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzaldehyde	5.600	J	3.3	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(a)anthracene	3.700	J	1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(a)pyrene	3.300	J	2.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(b)fluoranthene	3.500	J	1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(g,h,i)perylene	3.400	J	1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(k)fluoranthene	3.600	J	1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzyl Alcohol	4.600	J	2.4	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	bis(2-Chloroethoxy)methane	3.900	J	2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	bis(2-Chloroethyl)ether	4.300	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Carbazole	3.500	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Chrysene	3.600	J	1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Di-n-butylphthalate	3.000	J	2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Dibenzo(a,h)anthracene	3.500	J	2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Dibenzofuran	4.000	J	1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Diethylphthalate	3.500	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Dimethylphthalate	3.700	J	1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Fluoranthene	3.600	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Fluorene	3.900	J	2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachlorobenzene	3.600	J	1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachlorobutadiene	3.400	J	1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachloroethane	3.500	J	1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Indeno(1,2,3-cd)pyrene	3.500	J	2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Isophorone	3.700	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	n-Nitroso-di-n-propylamine	4.600		2	2.5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	n-Nitrosodimethylamine	3.900	J	2	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	n-Nitrosodiphenylamine	3.700	J	2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Naphthalene	3.700	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Nitrobenzene	3.900	J	1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Phenanthrene	4.000	J	2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Phenol	4.600	J	1.5	5	ug/L

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SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1187-09	MDL-WATER-03-QT1-2\ Water	Pyrene	3.400	J	1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Pyridine	3.900	J	1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.800	J	4.6	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Total PAH	58.000	J	31	80	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,1-Biphenyl	6.400		1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,2,4,5-Tetrachlorobenzene	6.200		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,2,4-Trichlorobenzene	6.000		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,2-Dichlorobenzene	5.900		1.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,3-Dichlorobenzene	5.900		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,4-Dichlorobenzene	6.000		1.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1,4-Dioxane	6.600		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	1-Methylnaphthalene	5.800		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,2-oxybis(1-Chloropropane)	6.200		2.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,3,4,6-Tetrachlorophenol	5.800		1.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4,5-Trichlorophenol	5.300		1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4,6-Trichlorophenol	5.300		1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4-Dichlorophenol	5.500		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4-Dimethylphenol	6.800		3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4-Dinitrophenol	8.400	J	5.5	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4-Dinitrotoluene	4.900	J	2.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,6-Dinitrotoluene	5.300		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2-Chloronaphthalene	6.000		1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2-Chlorophenol	5.900		1.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2-Methylnaphthalene	5.900		2.2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2-Methylphenol	5.800		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2-Nitroaniline	5.500		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2-Nitrophenol	5.200		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	3+4-Methylphenols	5.700	J	2.2	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	3,3-Dichlorobenzidine	6.000	J	5.4	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	3-Nitroaniline	5.100		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4,6-Dinitro-2-methylphenol	3.900	J	1.8	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Bromophenyl-phenylether	5.100		2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Chloro-3-methylphenol	5.500		1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Chloroaniline	6.300		2.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Chlorophenyl-phenylether	6.300		2.2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Nitroaniline	4.900	J	2.3	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	4-Nitrophenol	4.500	J	2.8	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Acenaphthene	6.100		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Acenaphthylene	6.500		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Acetophenone	6.500		1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Aniline	7.100		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Anthracene	6.200		2.3	5	ug/L

Hit Summary Sheet

SW-846

SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1187-09	MDL-WATER-03-QT1-2\ Water	Atrazine	7.200		3.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Azobenzene	6.000		1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzaldehyde	8.500	J	3.3	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzidine	9.500	J	6.6	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(a)anthracene	6.100		1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(a)pyrene	5.600		2.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(b)fluoranthene	5.700		1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(g,h,i)perylene	5.600		1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzo(k)fluoranthene	5.900		1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Benzyl Alcohol	6.000	J	2.4	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	bis(2-Chloroethoxy)methane	6.000		2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	bis(2-Chloroethyl)ether	5.900		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Bis(2-ethylhexyl)phthalate	4.900	J	2.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Butylbenzylphthalate	4.500	J	2.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Caprolactam	5.000	J	3.4	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Carbazole	5.900		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Chrysene	5.900		1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Di-n-butylphthalate	5.200		2.4	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Di-n-octyl phthalate	4.300	J	3.1	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Dibenzo(a,h)anthracene	5.900		2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Dibenzofuran	6.300		1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Diethylphthalate	5.700		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Dimethylphthalate	6.000		1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Fluoranthene	5.900		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Fluorene	6.400		2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachlorobenzene	5.900		1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachlorobutadiene	5.800		1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachlorocyclopentadiene	6.900	J	5.7	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Hexachloroethane	5.700		1.6	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Indeno(1,2,3-cd)pyrene	5.800		2.1	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Isophorone	5.800		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	n-Nitroso-di-n-propylamine	6.100		2	2.5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	n-Nitrosodimethylamine	6.100	J	2	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	n-Nitrosodiphenylamine	6.100		2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Naphthalene	6.100		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Nitrobenzene	6.200		1.7	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Pentachlorophenol	4.200	J	2.6	10	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Phenanthrene	6.400		2	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Phenol	6.100		1.5	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Pyrene	5.800		1.9	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	Pyridine	5.400		1.8	5	ug/L
P1187-09	MDL-WATER-03-QT1-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	10.200		4.6	10	ug/L



Hit Summary Sheet
SW-846

SDG No.: BM021224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1187-09	MDL-WATER-03-QT1-20 Water	Total PAH	95.900	31		80	ug/L
		Total Svoc :		899.90			
		Total Concentration:		899.90			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BM020824

SAS No.: BM020824

SDG No.: BM020824

Instrument ID:

Calibration Date(s): 2/8/2024 1:

Calibration Time(s): 13:19

LAB FILE ID:		RRF2.5 = BM044019.D			RRF005 = BM044020.D		RRF010 = BM044021.D	
		RRF020 = BM044022.D			RRF040 = BM044023.D		RRF050 = BM044024.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.513	0.536	0.548	0.541	0.552	0.547	3.5
Pyridine		1.422	1.443	1.447	1.417	1.425	1.441	1.5
2-Fluorophenol		1.424	1.407	1.400	1.330	1.350	1.375	2.6
Benzaldehyde			1.101	1.008	0.875	0.838	0.899	14.7
Aniline		1.699	1.700	1.762	1.707	1.718	1.720	1.6
Phenol-d6		1.781	1.804	1.812	1.708	1.715	1.750	2.9
Phenol		1.784	1.780	1.825	1.722	1.748	1.766	2.1
bis(2-Chloroethyl)ether		1.471	1.487	1.511	1.424	1.440	1.462	2.2
2-Chlorophenol		1.467	1.457	1.483	1.393	1.415	1.436	2.3
1,2-Dichlorobenzene		1.634	1.634	1.627	1.512	1.522	1.566	4.0
1,3-Dichlorobenzene		1.701	1.674	1.674	1.578	1.585	1.630	3.2
1,4-Dichlorobenzene		1.716	1.686	1.692	1.589	1.598	1.643	3.2
Benzyl Alcohol		1.108	1.142	1.192	1.126	1.139	1.139	2.4
2-Methylphenol		1.160	1.175	1.204	1.136	1.142	1.159	2.3
2,2-oxybis(1-Chloropropane)		1.925	1.925	1.927	1.804	1.807	1.854	3.7
Acetophenone		0.514	0.524	0.522	0.498	0.502	0.508	2.7
3+4-Methylphenols		1.545	1.632	1.672	1.581	1.568	1.595	2.8
n-Nitroso-di-n-propylamine	1.098	1.108	1.118	1.151	1.054	1.042	1.074	5.0
Nitrobenzene-d5		0.378	0.378	0.385	0.370	0.376	0.377	1.4
Hexachloroethane		0.619	0.636	0.630	0.595	0.603	0.615	2.4
Nitrobenzene		0.387	0.386	0.393	0.381	0.384	0.386	1.2
Isophorone		0.711	0.728	0.747	0.719	0.722	0.726	1.8
2-Nitrophenol		0.154	0.168	0.178	0.180	0.187	0.179	7.8
2,4-Dimethylphenol		0.216	0.228	0.232	0.228	0.231	0.229	2.8
bis(2-Chloroethoxy)methane		0.475	0.478	0.478	0.460	0.464	0.469	1.9
2,4-Dichlorophenol		0.278	0.294	0.306	0.300	0.307	0.301	4.1
1,2,4-Trichlorobenzene		0.344	0.336	0.344	0.331	0.336	0.339	1.5
Benzoic acid			0.176	0.217	0.232	0.244	0.230	13.3
Naphthalene		1.135	1.134	1.128	1.073	1.090	1.104	2.6
4-Chloroaniline		0.412	0.415	0.423	0.411	0.419	0.418	1.6
Hexachlorobutadiene		0.196	0.196	0.197	0.189	0.193	0.194	1.7
Caprolactam		0.085	0.091	0.096	0.097	0.101	0.097	7.5
4-Chloro-3-methylphenol		0.307	0.322	0.334	0.325	0.330	0.326	3.2
2-Methylnaphthalene		0.764	0.757	0.757	0.721	0.719	0.735	3.2
Hexachlorocyclopentadiene		0.235	0.239	0.258	0.256	0.260	0.254	4.8
2,4,6-Trichlorophenol		0.362	0.377	0.401	0.398	0.409	0.396	4.8

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.: BM020824

SAS No.: BM020824

SDG No.: BM020824

Instrument ID:

Calibration Date(s): 2/8/2024 1:

Calibration Time(s): 13:19

LAB FILE ID:		RRF2.5 = BM044019.D			RRF005 = BM044020.D		RRF010 = BM044021.D	
		RRF020 = BM044022.D			RRF040 = BM044023.D		RRF050 = BM044024.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.534	1.515	1.495	1.381	1.359	1.417	6.9
2,4,5-Trichlorophenol		0.389	0.418	0.442	0.437	0.446	0.434	5.5
1,1-Biphenyl		1.611	1.607	1.635	1.554	1.555	1.578	2.7
2-Chloronaphthalene		1.255	1.260	1.284	1.231	1.238	1.250	1.6
2-Nitroaniline		0.315	0.330	0.351	0.353	0.365	0.352	6.4
Dimethylphthalate		1.517	1.496	1.501	1.456	1.470	1.483	1.8
Acenaphthylene		1.849	1.892	1.913	1.849	1.853	1.865	1.8
2,6-Dinitrotoluene		0.301	0.318	0.330	0.330	0.332	0.327	4.3
3-Nitroaniline		0.300	0.328	0.347	0.357	0.367	0.352	8.4
Acenaphthene		1.194	1.175	1.190	1.131	1.133	1.154	2.8
2,4-Dinitrophenol			0.124	0.152	0.167	0.184	0.170	17.0
4-Nitrophenol		0.223	0.257	0.277	0.293	0.311	0.286	12.8
Dibenzofuran		1.876	1.862	1.835	1.746	1.743	1.787	4.0
2,4-Dinitrotoluene		0.366	0.407	0.423	0.435	0.449	0.428	7.7
Diethylphthalate		1.557	1.555	1.548	1.500	1.521	1.533	1.8
4-Chlorophenyl-phenylether		0.729	0.724	0.703	0.653	0.639	0.669	7.5
Fluorene		1.509	1.485	1.451	1.343	1.319	1.381	7.3
4-Nitroaniline		0.298	0.336	0.346	0.356	0.370	0.354	8.9
4,6-Dinitro-2-methylphenol			0.097	0.113	0.117	0.126	0.119	11.0
n-Nitrosodiphenylamine		0.615	0.620	0.638	0.595	0.600	0.608	2.9
Azobenzene		1.422	1.471	1.474	1.422	1.422	1.438	2.1
2,4,6-Tribromophenol		0.197	0.209	0.218	0.219	0.223	0.217	4.9
4-Bromophenyl-phenylether		0.193	0.190	0.202	0.194	0.201	0.198	2.6
Hexachlorobenzene		0.248	0.247	0.251	0.237	0.238	0.242	2.5
Atrazine		0.189	0.186	0.180	0.171	0.154	0.165	14.0
Pentachlorophenol		0.138	0.152	0.163	0.162	0.164	0.158	6.2
Phenanthrene		1.102	1.095	1.090	1.033	1.032	1.056	3.6
Anthracene		1.062	1.072	1.078	1.029	1.031	1.046	2.4
Carbazole		1.025	1.046	1.036	1.000	1.006	1.017	2.0
Di-n-butylphthalate		1.248	1.303	1.351	1.325	1.356	1.322	3.0
Fluoranthene		1.208	1.217	1.195	1.159	1.180	1.186	2.0
Benzidine		0.345	0.210	0.169	0.411	0.344	0.311	28.3
Pyrene		1.518	1.538	1.583	1.509	1.533	1.540	1.8
Terphenyl-d14		1.233	1.242	1.239	1.117	1.081	1.141	8.4
Butylbenzylphthalate		0.575	0.618	0.686	0.695	0.730	0.685	9.6
3,3-Dichlorobenzidine		0.445	0.458	0.465	0.464	0.462	0.456	2.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM020824

SAS No.: BM020824

SDG No.: BM020824

Instrument ID: _____

Calibration Date(s): 2/8/2024 1: _____

Calibration Time(s): 13:19 _____

LAB FILE ID:		RRF2.5 = BM044019.D			RRF005 = BM044020.D		RRF010 = BM044021.D	
		RRF020 = BM044022.D			RRF040 = BM044023.D		RRF050 = BM044024.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.395	1.388	1.418	1.359	1.391	1.391	1.5
Chrysene		1.322	1.330	1.345	1.282	1.307	1.314	1.8
Bis(2-ethylhexyl)phthalate		0.919	0.988	1.064	1.030	1.041	1.010	4.9
Di-n-octyl phthalate		1.492	1.581	1.747	1.794	1.899	1.764	9.7
Benzo(b)fluoranthene		1.229	1.227	1.285	1.225	1.260	1.250	2.0
Benzo(k)fluoranthene		1.223	1.221	1.211	1.175	1.160	1.188	2.4
Benzo(a)pyrene		1.076	1.066	1.111	1.077	1.094	1.092	1.8
Indeno(1,2,3-cd)pyrene		1.398	1.393	1.446	1.398	1.415	1.416	1.5
Dibenzo(a,h)anthracene		1.187	1.174	1.219	1.177	1.175	1.184	1.5
Benzo(g,h,i)perylene		1.188	1.171	1.210	1.190	1.200	1.201	1.7
1,2,4,5-Tetrachlorobenzene		0.583	0.576	0.585	0.570	0.582	0.581	1.2
1,4-Dioxane		0.572	0.559	0.549	0.525	0.531	0.546	3.0
2,3,4,6-Tetrachlorophenol		0.325	0.339	0.349	0.342	0.341	0.341	2.6
1-Methylnaphthalene		0.760	0.748	0.740	0.701	0.706	0.722	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.: BM021224 SAS No.: BM021224 SDG NO.: BM021224

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

Lab File ID: BM044023.D Time Analyzed: 11:05

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	355079	7.91	1.47701e+01	10.72	834562	14.56
	UPPER LIMIT	710158	8.41	2954020	11.216	1669124	15.057
	LOWER LIMIT	177539.5	7.41	738505	10.216	417281	14.057
	EPA SAMPLE NO.						
01	PB155297BL	480632	7.91	1.93968e	10.71	1.06994e	14.55
02	PB158214BL	469797	7.90	1.83484e	10.71	962309	14.55
03	MDL-SOIL-03-QT3-2023	344551	7.90	1.67547e	10.71	1.0134e+	14.55
04	MDL-SOIL-03-QT3-2023	471976	7.90	1.92623e	10.71	1.08212e	14.55
05	MDL-WATER-03-QT3-2023	355136	7.90	1.71489e	10.71	1.04627e	14.55
06	MDL-WATER-03-QT3-2023	473028	7.90	1.91728e	10.71	1.07427e	14.55
07	PB158276BL	447225	7.90	1.7494e+	10.71	919360	14.55
08	PB158274BL	430393	7.90	1.64179e	10.71	843001	14.55
09	MDL-SOIL-03-QT4-2023	415397	7.90	2.04309e	10.71	1.2792e+	14.55
10	MDL-SOIL-03-QT4-2023	499261	7.90	2.05232e	10.70	1.17628e	14.55
11	MDL-WATER-03-QT4-2023	442479	7.90	2.27624e	10.71	1.4694e+	14.55
12	MDL-WATER-03-QT4-2023	555143	7.90	2.39356e	10.71	1.439e+0	14.55
13	MDL-SOIL-03-QT1-2024	419462	7.90	2.03191e	10.71	1.2423e+	14.55
14	MDL-SOIL-03-QT1-2024	577785	7.90	2.45883e	10.71	1.45504e	14.55
15	MDL-WATER-03-QT1-2024	407336	7.90	1.94971e	10.71	1.1853e+	14.55
16	MDL-WATER-03-QT1-2024	499341	7.90	2.02045e	10.71	1.14173e	14.55

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.: BM021224 SAS No.: BM021224 SDG NO.: BM021224

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

Lab File ID: BM044049.D Time Analyzed: 11:05

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	429260	7.904	1.72402e+01	10.71	921112	14.55
	UPPER LIMIT	858520	8.404	3448040	11.21	1842224	15.051
	LOWER LIMIT	214630	7.404	862010	10.21	460556	14.051
	EPA SAMPLE NO.						
01	PB155297BL	480632	7.91	1.93968e	10.71	1.06994e	14.55
02	PB158214BL	469797	7.90	1.83484e	10.71	962309	14.55
03	MDL-SOIL-03-QT3-2023	344551	7.90	1.67547e	10.71	1.0134e+	14.55
04	MDL-SOIL-03-QT3-2023	471976	7.90	1.92623e	10.71	1.08212e	14.55
05	MDL-WATER-03-QT3-2023	355136	7.90	1.71489e	10.71	1.04627e	14.55
06	MDL-WATER-03-QT3-2023	473028	7.90	1.91728e	10.71	1.07427e	14.55
07	PB158276BL	447225	7.90	1.7494e+	10.71	919360	14.55
08	PB158274BL	430393	7.90	1.64179e	10.71	843001	14.55
09	MDL-SOIL-03-QT4-2023	415397	7.90	2.04309e	10.71	1.2792e+	14.55
10	MDL-SOIL-03-QT4-2023	499261	7.90	2.05232e	10.70	1.17628e	14.55
11	MDL-WATER-03-QT4-2023	442479	7.90	2.27624e	10.71	1.4694e+	14.55
12	MDL-WATER-03-QT4-2023	555143	7.90	2.39356e	10.71	1.439e+0	14.55
13	MDL-SOIL-03-QT1-2024	419462	7.90	2.03191e	10.71	1.2423e+	14.55
14	MDL-SOIL-03-QT1-2024	577785	7.90	2.45883e	10.71	1.45504e	14.55
15	MDL-WATER-03-QT1-2024	407336	7.90	1.94971e	10.71	1.1853e+	14.55
16	MDL-WATER-03-QT1-2024	499341	7.90	2.02045e	10.71	1.14173e	14.55

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021224 SAS No.: BM021224 SDG NO.: BM021224

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

Lab File ID: BM044023.D Time Analyzed: 11:05

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.63208e+04	17.304	1.30682e+	21.503	1.49934e+04	23.897
UPPER LIMIT	3264160	17.804	2613640	22.003	2998680	24.397
LOWER LIMIT	816040	16.804	653410	21.003	749670	23.397
EPA SAMPLE NO.						
01 PB155297BL	2.06622	17.30	1.43176e+	21.50	1.44728e+	23.90
02 PB158214BL	1.77127	17.30	1.20576e+	21.50	1.28025e+	23.90
03 MDL-SOIL-03-QT3-2023	1.97709	17.30	1.61879e+	21.50	1.81848e+	23.90
04 MDL-SOIL-03-QT3-2023	2.08504	17.30	1.66205e+	21.50	1.83246e+	23.90
05 MDL-WATER-03-QT3-2023	2.0466e	17.30	1.73415e+	21.50	1.95562e+	23.90
06 MDL-WATER-03-QT3-2023	2.10529	17.30	1.7132e+0	21.50	1.91347e+	23.89
07 PB158276BL	1.70447	17.30	1.20121e+	21.50	1.28427e+	23.89
08 PB158274BL	1.53937	17.30	1.11346e+	21.50	1.2162e+0	23.90
09 MDL-SOIL-03-QT4-2023	2.52466	17.30	1.96815e+	21.50	2.07418e+	23.90
10 MDL-SOIL-03-QT4-2023	2.26839	17.30	1.84423e+	21.50	1.99506e+	23.90
11 MDL-WATER-03-QT4-2023	2.95826	17.30	2.29474e+	21.50	2.32506e+	23.90
12 MDL-WATER-03-QT4-2023	2.95245	17.30	2.42848e+	21.50	2.44231e+	23.90
13 MDL-SOIL-03-QT1-2024	2.40585	17.30	1.9751e+0	21.50	2.18225e+	23.90
14 MDL-SOIL-03-QT1-2024	2.95168	17.30	2.32636e+	21.50	2.40228e+	23.90
15 MDL-WATER-03-QT1-2024	2.32642	17.30	1.91624e+	21.50	2.11905e+	23.90
16 MDL-WATER-03-QT1-2024	2.23957	17.30	1.86227e+	21.50	2.08428e+	23.90

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021224 SAS No.: BM021224 SDG NO.: BM021224

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

Lab File ID: BM044023.D Time Analyzed: 20:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.63208e+01	17.304	1.30682e+01	21.503	1.49934e+01	23.897
UPPER LIMIT	3264160	17.804	2613640	22.003	2998680	24.397
LOWER LIMIT	816040	16.804	653410	21.003	749670	23.397
EPA SAMPLE NO.						

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021224 SAS No.: BM021224 SDG NO.: BM021224

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

Lab File ID: BM044049.D Time Analyzed: 11:05

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.77325e+0	17.304	1.48133e+	21.503	1.7126e+00	23.897
UPPER LIMIT	3546500	17.804	2962660	22.003	3425200	24.397
LOWER LIMIT	886625	16.804	740665	21.003	856300	23.397
EPA SAMPLE NO.						
01 PB155297BL	2.06622	17.30	1.43176e+	21.50	1.44728e+	23.90
02 PB158214BL	1.77127	17.30	1.20576e+	21.50	1.28025e+	23.90
03 MDL-SOIL-03-QT3-2023	1.97709	17.30	1.61879e+	21.50	1.81848e+	23.90
04 MDL-SOIL-03-QT3-2023	2.08504	17.30	1.66205e+	21.50	1.83246e+	23.90
05 MDL-WATER-03-QT3-2023	2.0466e	17.30	1.73415e+	21.50	1.95562e+	23.90
06 MDL-WATER-03-QT3-2023	2.10529	17.30	1.7132e+0	21.50	1.91347e+	23.89
07 PB158276BL	1.70447	17.30	1.20121e+	21.50	1.28427e+	23.89
08 PB158274BL	1.53937	17.30	1.11346e+	21.50	1.2162e+0	23.90
09 MDL-SOIL-03-QT4-2023	2.52466	17.30	1.96815e+	21.50	2.07418e+	23.90
10 MDL-SOIL-03-QT4-2023	2.26839	17.30	1.84423e+	21.50	1.99506e+	23.90
11 MDL-WATER-03-QT4-2023	2.95826	17.30	2.29474e+	21.50	2.32506e+	23.90
12 MDL-WATER-03-QT4-2023	2.95245	17.30	2.42848e+	21.50	2.44231e+	23.90
13 MDL-SOIL-03-QT1-2024	2.40585	17.30	1.9751e+0	21.50	2.18225e+	23.90
14 MDL-SOIL-03-QT1-2024	2.95168	17.30	2.32636e+	21.50	2.40228e+	23.90
15 MDL-WATER-03-QT1-2024	2.32642	17.30	1.91624e+	21.50	2.11905e+	23.90
16 MDL-WATER-03-QT1-2024	2.23957	17.30	1.86227e+	21.50	2.08428e+	23.90

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021224 SAS No.: BM021224 SDG NO.: BM021224

EPA Sample No.: SSTDCCC040

Date Analyzed: Feb 12 2024 12:00AM

Lab File ID: BM044049.D

Time Analyzed: 20:08

Instrument ID: BNA_M

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.77325e+04	17.304	1.48133e+	21.503	1.7126e+004	23.897
UPPER LIMIT	3546500	17.804	2962660	22.003	3425200	24.397
LOWER LIMIT	886625	16.804	740665	21.003	856300	23.397
EPA SAMPLE NO.						

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.



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB155297BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021224SAS No.: BM021224 SDG NO.: BM021224Lab File ID: BM044050.DLab Sample ID: PB155297BLInstrument ID: BNA_MDate Extracted: 01/04/2024Matrix: (soil/water) SolidDate Analyzed: 02/12/2024Level: (low/med) LOWTime Analyzed: 11:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT3-2023	03572-03	BM044052.D	02/12/2024
MDL-SOIL-03-QT3-2023	03572-03	BM044053.D	02/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158214BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021224SAS No.: BM021224 SDG NO.: BM021224Lab File ID: BM044051.DLab Sample ID: PB158214BLInstrument ID: BNA_MDate Extracted: 01/04/2024Matrix: (soil/water) WaterDate Analyzed: 02/12/2024Level: (low/med) LOWTime Analyzed: 11:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT3-2023	03572-09	BM044054.D	02/12/2024
MDL-WATER-03-QT3-2023	03572-09	BM044055.D	02/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158274BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021224SAS No.: BM021224 SDG NO.: BM021224Lab File ID: BM044057.DLab Sample ID: PB158274BLInstrument ID: BNA_MDate Extracted: 01/08/2024Matrix: (soil/water) WaterDate Analyzed: 02/12/2024Level: (low/med) LOWTime Analyzed: 15:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT4-2023	04699-09	BM044060.D	02/12/2024
MDL-WATER-03-QT4-2023	04699-09	BM044061.D	02/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158276BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021224SAS No.: BM021224 SDG NO.: BM021224Lab File ID: BM044056.DLab Sample ID: PB158276BLInstrument ID: BNA_MDate Extracted: 01/08/2024Matrix: (soil/water) SolidDate Analyzed: 02/12/2024Level: (low/med) LOWTime Analyzed: 14:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT4-2023	04699-03	BM044058.D	02/12/2024
MDL-SOIL-03-QT4-2023	04699-03	BM044059.D	02/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MDL-SOIL-03-QT1-202

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021224

SAS No.: BM021224 SDG NO.: BM021224

Lab File ID: BM044062.D

Lab Sample ID: P1187-03

Instrument ID: BNA_M

Date Extracted: 01/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 02/12/2024

Level: (low/med) LOW

Time Analyzed: 18:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT1-2024	P1187-03	BM044062.D	02/12/2024
MDL-SOIL-03-QT1-2024	P1187-03	BM044063.D	02/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MDL-WATER-03-QT1-20

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021224SAS No.: BM021224 SDG NO.: BM021224Lab File ID: BM044064.DLab Sample ID: P1187-09Instrument ID: BNA_MDate Extracted: 01/23/2024Matrix: (soil/water) WaterDate Analyzed: 02/12/2024Level: (low/med) LOWTime Analyzed: 19:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT1-2024	P1187-09	BM044064.D	02/12/2024
MDL-WATER-03-QT1-2024	P1187-09	BM044065.D	02/12/2024

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BM021224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3572-03	MDL-SOIL-03-QT	BM044052.D	2-Fluorophenol	150	145.78	97		18	112
		BM044053.D	2-Fluorophenol	150	84.17	56		18	112
			Phenol-d6	150	84.25	56		15	107
		BM044052.D	Phenol-d6	150	160.11	107		15	107
			Nitrobenzene-d5	100	81.92	82		18	107
		BM044053.D	Nitrobenzene-d5	100	62.20	62		18	107
		BM044052.D	2-Fluorobiphenyl	100	80.44	80		20	109
		BM044053.D	2-Fluorobiphenyl	100	61.98	62		20	109
			2,4,6-Tribromophenol	150	84.09	56		10	110
		BM044052.D	2,4,6-Tribromophenol	150	134.65	90		10	110
			Terphenyl-d14	100	77.97	78		14	112
		BM044053.D	Terphenyl-d14	100	60.84	61		14	112
		BM044050.D	2-Fluorophenol	150	128.70	86		18	112
			Phenol-d6	150	125.29	84		15	107
PB155297BL	PB155297BL		Nitrobenzene-d5	100	84.87	85		18	107
			2-Fluorobiphenyl	100	82.61	83		20	109
			2,4,6-Tribromophenol	150	120.31	80		10	110
			Terphenyl-d14	100	89.68	90		14	112



Surrogate Summary
SW-846

SDG No.: BM021224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3572-09	MDL-WATER-03-C	BM044054.D	2-Fluorophenol	150	144.06	96		10	139
		BM044055.D	2-Fluorophenol	150	83.60	56		10	139
		BM044054.D	Phenol-d6	150	157.07	105		10	134
		BM044055.D	Phenol-d6	150	83.76	56		10	134
		BM044054.D	Nitrobenzene-d5	100	81.16	81		49	133
		BM044055.D	Nitrobenzene-d5	100	62.41	62		49	133
		BM044054.D	2-Fluorobiphenyl	100	61.82	62		52	132
			2-Fluorobiphenyl	100	78.95	79		52	132
		BM044055.D	2,4,6-Tribromophenol	150	134.65	90		32	145
			2,4,6-Tribromophenol	150	83.61	56		32	145
		BM044054.D	Terphenyl-d14	100	76.74	77		36	145
		BM044055.D	Terphenyl-d14	100	60.66	61		36	145
PB158214BL	PB158214BL	BM044051.D	2-Fluorophenol	150	136.16	91		10	139
			Phenol-d6	150	130.06	87		10	134
			Nitrobenzene-d5	100	89.45	89		49	133
			2-Fluorobiphenyl	100	88.75	89		52	132
			2,4,6-Tribromophenol	150	123.08	82		32	145
			Terphenyl-d14	100	93.82	94		36	145



Surrogate Summary
SW-846

SDG No.: BM021224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4699-09	MDL-WATER-03-C	BM044060.D	2-Fluorophenol	150	140.24	93		10	139
		BM044061.D	2-Fluorophenol	150	82.11	55		10	139
			Phenol-d6	150	85.11	57		10	134
		BM044060.D	Phenol-d6	150	158.71	106		10	134
			Nitrobenzene-d5	100	80.84	81		49	133
		BM044061.D	Nitrobenzene-d5	100	61.89	62		49	133
		BM044060.D	2-Fluorobiphenyl	100	76.24	76		52	132
		BM044061.D	2-Fluorobiphenyl	100	59.87	60		52	132
			2,4,6-Tribromophenol	150	87.01	58		32	145
		BM044060.D	2,4,6-Tribromophenol	150	135.15	90		32	145
			Terphenyl-d14	100	77.66	78		36	145
		BM044061.D	Terphenyl-d14	100	60.06	60		36	145
		BM044057.D	2-Fluorophenol	150	135.71	90		10	139
			Phenol-d6	150	128.83	86		10	134
PB158274BL	PB158274BL		Nitrobenzene-d5	100	89.32	89		49	133
			2-Fluorobiphenyl	100	90.78	91		52	132
			2,4,6-Tribromophenol	150	120.53	80		32	145
			Terphenyl-d14	100	93.02	93		36	145



Surrogate Summary
SW-846

SDG No.: BM021224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4699-03	MDL-SOIL-03-QT ²	BM044058.D	2-Fluorophenol	150	140.80	94		18	112
		BM044059.D	2-Fluorophenol	150	83.07	55		18	112
			Phenol-d6	150	83.80	56		15	107
		BM044058.D	Phenol-d6	150	157.92	105		15	107
		BM044059.D	Nitrobenzene-d5	100	62.30	62		18	107
		BM044058.D	Nitrobenzene-d5	100	81.95	82		18	107
			2-Fluorobiphenyl	100	78.54	79		20	109
		BM044059.D	2-Fluorobiphenyl	100	61.25	61		20	109
			2,4,6-Tribromophenol	150	84.19	56		10	110
		BM044058.D	2,4,6-Tribromophenol	150	134.93	90		10	110
			Terphenyl-d14	100	79.51	80		14	112
		BM044059.D	Terphenyl-d14	100	61.15	61		14	112
PB158276BL	PB158276BL	BM044056.D	2-Fluorophenol	150	130.53	87		18	112
			Phenol-d6	150	124.20	83		15	107
			Nitrobenzene-d5	100	86.44	86		18	107
			2-Fluorobiphenyl	100	86.52	87		20	109
			2,4,6-Tribromophenol	150	112.95	75		10	110
			Terphenyl-d14	100	89.61	90		14	112



Surrogate Summary
SW-846

SDG No.: BM021224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1187-03	MDL-SOIL-03-QT	BM044062.D	2-Fluorophenol	150	139.09	93		18	112
		BM044063.D	2-Fluorophenol	150	81.50	54		18	112
			Phenol-d6	150	83.70	56		15	107
		BM044062.D	Phenol-d6	150	152.75	102		15	107
			Nitrobenzene-d5	100	80.87	81		18	107
		BM044063.D	Nitrobenzene-d5	100	61.79	62		18	107
		BM044062.D	2-Fluorobiphenyl	100	77.78	78		20	109
		BM044063.D	2-Fluorobiphenyl	100	59.95	60		20	109
			2,4,6-Tribromophenol	150	86.20	57		10	110
		BM044062.D	2,4,6-Tribromophenol	150	131.62	88		10	110
			Terphenyl-d14	100	76.80	77		14	112
		BM044063.D	Terphenyl-d14	100	61.02	61		14	112



Surrogate Summary
SW-846

SDG No.: BM021224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1187-09	MDL-WATER-03-C	BM044064.D	2-Fluorophenol	150	139.77	93		10	139
		BM044065.D	2-Fluorophenol	150	82.72	55		10	139
		BM044064.D	Phenol-d6	150	153.50	102		10	134
		BM044065.D	Phenol-d6	150	83.07	55		10	134
		BM044064.D	Nitrobenzene-d5	100	81.26	81		49	133
		BM044065.D	Nitrobenzene-d5	100	62.37	62		49	133
		BM044064.D	2-Fluorobiphenyl	100	61.59	62		52	132
			2-Fluorobiphenyl	100	78.84	79		52	132
		BM044065.D	2,4,6-Tribromophenol	150	132.97	89		32	145
			2,4,6-Tribromophenol	150	83.17	55		32	145
		BM044064.D	Terphenyl-d14	100	76.94	77		36	145
		BM044065.D	Terphenyl-d14	100	60.09	60		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BM021224Lab Code: CHEMSAS No.: BM021224 SDG NO.: BM021224Lab File ID: BM044048.DDFTPP Injection Date: 02/12/2024Instrument ID: BNA_MDFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.6
197	Less than 2.0% of mass 198	0.2
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	23.8
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.3 (19.5) 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	BM044049.D	02/12/2024	10:29
PB155297BL	PB155297BL	BM044050.D	02/12/2024	11:05
PB158214BL	PB158214BL	BM044051.D	02/12/2024	11:41
MDL-SOIL-03-QT3-2023	O3572-03	BM044052.D	02/12/2024	12:17
MDL-SOIL-03-QT3-2023	O3572-03	BM044053.D	02/12/2024	12:53
MDL-WATER-03-QT3-2023	O3572-09	BM044054.D	02/12/2024	13:29
MDL-WATER-03-QT3-2023	O3572-09	BM044055.D	02/12/2024	14:05
PB158276BL	PB158276BL	BM044056.D	02/12/2024	14:41
PB158274BL	PB158274BL	BM044057.D	02/12/2024	15:18
MDL-SOIL-03-QT4-2023	O4699-03	BM044058.D	02/12/2024	15:54
MDL-SOIL-03-QT4-2023	O4699-03	BM044059.D	02/12/2024	16:30
MDL-WATER-03-QT4-2023	O4699-09	BM044060.D	02/12/2024	17:06
MDL-WATER-03-QT4-2023	O4699-09	BM044061.D	02/12/2024	17:43
MDL-SOIL-03-QT1-2024	P1187-03	BM044062.D	02/12/2024	18:19
MDL-SOIL-03-QT1-2024	P1187-03	BM044063.D	02/12/2024	18:55
MDL-WATER-03-QT1-2024	P1187-09	BM044064.D	02/12/2024	19:31
MDL-WATER-03-QT1-2024	P1187-09	BM044065.D	02/12/2024	20:08
SSTDCCC040EC	SSTDCCC040	BM044066.D	02/12/2024	21:21