

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031124 SAS No.: BN031124 SDG No.: BN031124

Instrument ID: BNA_N Calibration Date/Time: 3/11/2024 1:11:39

Lab File ID: BN030357.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020322 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.569	0.510	0.010	-10.326	40.0
Benzaldehyde	0.827	0.908	0.010	9.833	40.0
Pyridine	1.439	1.299	0.010	-9.7338	40.0
Phenol	1.766	1.557	0.080	-11.8384	20.0
Bis(2-Chloroethyl)ether	1.411	1.228	0.100	-12.9656	20.0
2-Chlorophenol	1.463	1.380	0.200	-5.6316	20.0
2-Methylphenol	1.324	1.219	0.010	-7.9113	20.0
2,2-oxybis(1-Chloropropane)	1.283	1.028	0.010	-19.8766	40.0
Acetophenone	2.248	2.158	0.060	-3.997	20.0
4-Methylphenol	1.399	1.341	0.010	-4.1684	20.0
N-Nitroso-di-n-propylamine	1.076	1.062	0.050	-1.2987	30.0
Hexachloroethane	0.679	0.637	0.100	-6.2783	20.0
Nitrobenzene	0.431	0.388	0.050	-9.9767	25.0
Isophorone	0.744	0.695	0.050	-6.596	25.0
2-Nitrophenol	0.188	0.182	0.050	-3.5466	25.0
2,4-Dimethylphenol	0.389	0.363	0.050	-6.6741	25.0
Bis(2-Chloroethoxy)methane	0.437	0.397	0.050	-9.1064	20.0
2,4-Dichlorophenol	0.313	0.305	0.060	-2.7152	20.0
Naphthalene	1.142	1.079	0.200	-5.4707	20.0
4-Chloroaniline	0.450	0.436	0.010	-3.2215	40.0
Hexachlorobutadiene	0.219	0.207	0.040	-5.1443	30.0
Caprolactam	0.093	0.093	0.010	-0.7196	40.0
4-Chloro-3-methylphenol	0.355	0.366	0.040	3.182	25.0
1-Methylnaphthalene	0.735	0.748	0.100	1.7046	20.0
2-Methylnaphthalene	0.744	0.751	0.100	0.9577	20.0
Hexachlorocyclopentadiene	0.473	0.441	0.010	-6.8446	40.0
2,4,6-Trichlorophenol	0.401	0.380	0.090	-5.151	25.0
2,4,5-Trichlorophenol	0.438	0.402	0.100	-8.1726	25.0
1,1-Biphenyl	1.688	1.505	0.200	-10.8344	20.0
2-Chloronaphthalene	1.311	1.179	0.300	-10.0829	20.0
2-Nitroaniline	0.378	0.357	0.050	-5.6745	40.0
Dimethylphthalate	1.639	1.578	0.300	-3.7222	20.0
2,6-Dinitrotoluene	0.316	0.299	0.080	-5.4229	30.0
Acenaphthylene	2.125	1.986	0.400	-6.541	20.0
3-Nitroaniline	0.310	0.294	0.010	-5.2715	40.0
Acenaphthene	1.408	1.308	0.200	-7.1146	20.0
2,4-Dinitrophenol	0.178	0.191	0.010	7.6159	40.0
4-Nitrophenol	0.324	0.315	0.010	-2.9491	40.0
Dibenzofuran	1.878	1.805	0.300	-3.8773	20.0
2,4-Dinitrotoluene	0.452	0.475	0.070	5.0871	30.0
Diethylphthalate	1.752	1.745	0.300	-0.4025	20.0



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Instrument ID: BNA_N Calibration Date/Time: 3/11/2024 1:11:39

Lab File ID: BN030357.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020322 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.551	1.492	0.200	-3.7851	20.0
4-Chlorophenyl-phenylether	0.742	0.714	0.100	-3.8685	20.0
4-Nitroaniline	0.287	0.302	0.010	5.1899	40.0
4,6-Dinitro-2-methylphenol	0.135	0.126	0.010	-6.731	40.0
N-Nitrosodiphenylamine	0.631	0.594	0.050	-5.8919	20.0
1,2,4,5-Tetrachlorobenzene	0.632	0.557	0.100	-11.851	20.0
4-Bromophenyl-phenylether	0.214	0.205	0.070	-4.471	20.0
Hexachlorobenzene	0.235	0.225	0.050	-4.316	25.0
Atrazine	0.217	0.214	0.010	-1.6782	25.0
Pentachlorophenol	0.159	0.146	0.010	-7.9049	40.0
Phenanthrene	1.166	1.123	0.200	-3.7528	20.0
Pentachlorobenzene	0.278	0.260	0.050	-6.5614	20.0
Anthracene	1.187	1.139	0.200	-4.0468	20.0
1,2,3,4-Tetrachlorobenzene	0.299	0.256	0.050	-14.1566	20.0
Carbazole	1.054	0.992	0.050	-5.882	40.0
Di-n-butylphthalate	1.464	1.459	0.500	-0.3439	25.0
Fluoranthene	1.556	1.526	0.400	-1.9234	25.0
Pyrene	1.600	1.575	0.400	-1.5673	25.0
Butylbenzylphthalate	0.766	0.766	0.100	-0.0108	40.0
3,3-Dichlorobenzidine	0.435	0.413	0.010	-4.8672	40.0
Benzo(a)anthracene	1.501	1.426	0.300	-4.9954	30.0
Chrysene	1.392	1.286	0.200	-7.6007	30.0
Bis(2-ethylhexyl)phthalate	1.160	1.143	0.200	-1.4387	40.0
Di-n-octyl phthalate	1.872	1.932	0.010	3.1723	40.0
Benzo(b)fluoranthene	1.319	1.344	0.200	1.9407	25.0
Benzo(k)fluoranthene	1.362	1.297	0.200	-4.8049	25.0
Benzo(a)pyrene	1.248	1.197	0.200	-4.0981	20.0
Indeno(1,2,3-cd)pyrene	1.484	1.282	0.200	-13.6189	25.0
Dibenzo(a,h)anthracene	1.210	1.059	0.200	-12.4752	30.0
Benzo(g,h,i)perylene	1.202	1.042	0.200	-13.2898	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.336	0.040	-4.7913	20.0
1,4-Dioxane-d8	0.593	0.514	0.010	-13.2069	25.0
Pyridine-d5	1.415	1.289	0.010	-8.873	40.0
Phenol-d5	1.774	1.553	0.010	-12.4973	25.0
Bis-(2-Chloroethyl)ether-d8	1.008	0.856	0.050	-15.0411	25.0
2-Chlorophenol-d4	1.421	1.334	0.200	-6.1451	20.0
4-Methylphenol-d8	1.399	1.337	0.010	-4.4159	20.0
Nitrobenzene-d5	0.167	0.158	0.050	-5.2704	20.0
2-Nitrophenol-d4	0.175	0.166	0.050	-5.0757	30.0
2,4-Dichlorophenol-d3	0.312	0.308	0.060	-1.2482	20.0
4-Chloroaniline-d4	0.463	0.451	0.010	-2.6217	40.0



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Lab Code: CHEM Case No.: BN031124 SAS No.: BN031124 SDG No.: BN031124

Instrument ID: BNA_N Calibration Date/Time: 3/11/2024 11:39

Lab File ID: BN030357.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020322 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.613	1.527	0.300	-5.3204	20.0
Acenaphthylene-d8	1.827	1.706	0.400	-6.6398	20.0
4-Nitrophenol-d4	0.286	0.262	0.010	-8.2292	40.0
Fluorene-d10	1.323	1.276	0.100	-3.511	20.0
4,6-Dinitro-2-methylphenol-d2	0.125	0.117	0.010	-6.1263	40.0
Anthracene-d10	0.971	0.934	0.300	-3.8518	20.0
Pyrene-d10	1.270	1.258	0.300	-0.9739	25.0
Benzo(a)pyrene-d12	1.048	1.030	0.010	-1.6403	20.0

All other compounds must meet a minimum RRF of 0.010.



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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031124 SAS No.: BN031124 SDG No.: BN031124

Instrument ID: BNA_N Calibration Date/Time: 3/11/2024 1:17:32

Lab File ID: BN030364.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020323 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.569	0.511	0.010	-10.1159	50.0
Benzaldehyde	0.827	0.912	0.010	10.231	50.0
Pyridine	1.439	1.333	0.010	-7.4187	50.0
Phenol	1.766	1.538	0.080	-12.8924	50.0
Bis(2-Chloroethyl)ether	1.411	1.248	0.100	-11.5354	50.0
2-Chlorophenol	1.463	1.383	0.200	-5.4345	50.0
2-Methylphenol	1.324	1.212	0.010	-8.4416	50.0
2,2-oxybis(1-Chloropropane)	1.283	1.086	0.010	-15.3998	50.0
Acetophenone	2.248	2.166	0.060	-3.6478	50.0
4-Methylphenol	1.399	1.345	0.010	-3.8622	50.0
N-Nitroso-di-n-propylamine	1.076	1.081	0.050	0.4843	50.0
Hexachloroethane	0.679	0.629	0.100	-7.4111	50.0
Nitrobenzene	0.431	0.408	0.050	-5.348	50.0
Isophorone	0.744	0.719	0.050	-3.4504	50.0
2-Nitrophenol	0.188	0.184	0.050	-2.3194	50.0
2,4-Dimethylphenol	0.389	0.366	0.050	-5.824	50.0
Bis(2-Chloroethoxy)methane	0.437	0.415	0.050	-4.9373	50.0
2,4-Dichlorophenol	0.313	0.308	0.060	-1.5777	50.0
Naphthalene	1.142	1.093	0.200	-4.2588	50.0
4-Chloroaniline	0.450	0.432	0.010	-4.1209	50.0
Hexachlorobutadiene	0.219	0.208	0.040	-4.8554	50.0
Caprolactam	0.093	0.093	0.010	-0.1095	50.0
4-Chloro-3-methylphenol	0.355	0.367	0.040	3.5519	50.0
1-Methylnaphthalene	0.735	0.745	0.100	1.4001	50.0
2-Methylnaphthalene	0.744	0.745	0.100	0.1473	50.0
Hexachlorocyclopentadiene	0.473	0.446	0.010	-5.6826	50.0
2,4,6-Trichlorophenol	0.401	0.385	0.090	-3.9896	50.0
2,4,5-Trichlorophenol	0.438	0.418	0.100	-4.4975	50.0
1,1-Biphenyl	1.688	1.520	0.200	-9.9647	50.0
2-Chloronaphthalene	1.311	1.192	0.300	-9.0522	50.0
2-Nitroaniline	0.378	0.361	0.050	-4.5159	50.0
Dimethylphthalate	1.639	1.597	0.300	-2.5457	50.0
2,6-Dinitrotoluene	0.316	0.314	0.080	-0.9204	50.0
Acenaphthylene	2.125	1.984	0.400	-6.6339	50.0
3-Nitroaniline	0.310	0.300	0.010	-3.3728	50.0
Acenaphthene	1.408	1.324	0.200	-5.9424	50.0
2,4-Dinitrophenol	0.178	0.192	0.010	8.095	50.0
4-Nitrophenol	0.324	0.313	0.010	-3.5041	50.0
Dibenzofuran	1.878	1.780	0.300	-5.2129	50.0
2,4-Dinitrotoluene	0.452	0.459	0.070	1.7028	50.0
Diethylphthalate	1.752	1.742	0.300	-0.5446	50.0



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Instrument ID: BNA_N Calibration Date/Time: 3/11/2024 1:17:32

Lab File ID: BN030364.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020323 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.551	1.486	0.200	-4.1725	50.0
4-Chlorophenyl-phenylether	0.742	0.706	0.100	-4.9425	50.0
4-Nitroaniline	0.287	0.294	0.010	2.4708	50.0
4,6-Dinitro-2-methylphenol	0.135	0.126	0.010	-6.3201	50.0
N-Nitrosodiphenylamine	0.631	0.584	0.050	-7.3831	50.0
1,2,4,5-Tetrachlorobenzene	0.632	0.580	0.100	-8.1736	50.0
4-Bromophenyl-phenylether	0.214	0.201	0.070	-6.4194	50.0
Hexachlorobenzene	0.235	0.223	0.050	-5.181	50.0
Atrazine	0.217	0.212	0.010	-2.5952	50.0
Pentachlorophenol	0.159	0.143	0.010	-9.7073	50.0
Phenanthrene	1.166	1.101	0.200	-5.5922	50.0
Pentachlorobenzene	0.278	0.256	0.050	-8.0556	50.0
Anthracene	1.187	1.140	0.200	-3.9348	50.0
1,2,3,4-Tetrachlorobenzene	0.299	0.261	0.050	-12.4537	50.0
Carbazole	1.054	0.982	0.050	-6.8326	50.0
Di-n-butylphthalate	1.464	1.439	0.500	-1.7225	50.0
Fluoranthene	1.556	1.563	0.400	0.4067	50.0
Pyrene	1.600	1.595	0.400	-0.2817	50.0
Butylbenzylphthalate	0.766	0.770	0.100	0.4406	50.0
3,3-Dichlorobenzidine	0.435	0.398	0.010	-8.3942	50.0
Benzo(a)anthracene	1.501	1.403	0.300	-6.4935	50.0
Chrysene	1.392	1.321	0.200	-5.1174	50.0
Bis(2-ethylhexyl)phthalate	1.160	1.137	0.200	-2.0187	50.0
Di-n-octyl phthalate	1.872	1.915	0.010	2.2872	50.0
Benzo(b)fluoranthene	1.319	1.380	0.200	4.6713	50.0
Benzo(k)fluoranthene	1.362	1.357	0.200	-0.3545	50.0
Benzo(a)pyrene	1.248	1.223	0.200	-1.9795	50.0
Indeno(1,2,3-cd)pyrene	1.484	1.356	0.200	-8.6153	50.0
Dibenzo(a,h)anthracene	1.210	1.120	0.200	-7.4603	50.0
Benzo(g,h,i)perylene	1.202	1.094	0.200	-8.9647	50.0
2,3,4,6-Tetrachlorophenol	0.352	0.348	0.040	-1.1711	50.0
1,4-Dioxane-d8	0.593	0.533	0.010	-10.0814	50.0
Pyridine-d5	1.415	1.282	0.010	-9.3755	50.0
Phenol-d5	1.774	1.547	0.010	-12.7921	50.0
Bis-(2-Chloroethyl)ether-d8	1.008	0.868	0.050	-13.8833	50.0
2-Chlorophenol-d4	1.421	1.339	0.200	-5.8068	50.0
4-Methylphenol-d8	1.399	1.322	0.010	-5.4507	50.0
Nitrobenzene-d5	0.167	0.161	0.050	-3.7862	50.0
2-Nitrophenol-d4	0.175	0.173	0.050	-1.2413	50.0
2,4-Dichlorophenol-d3	0.312	0.310	0.060	-0.7765	50.0
4-Chloroaniline-d4	0.463	0.455	0.010	-1.7469	50.0



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Lab File ID: BN030364.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020323 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.613	1.568	0.300	-2.791	50.0
Acenaphthylene-d8	1.827	1.715	0.400	-6.1337	50.0
4-Nitrophenol-d4	0.286	0.263	0.010	-8.0192	50.0
Fluorene-d10	1.323	1.263	0.100	-4.5448	50.0
4,6-Dinitro-2-methylphenol-d2	0.125	0.117	0.010	-6.1532	50.0
Anthracene-d10	0.971	0.916	0.300	-5.6505	50.0
Pyrene-d10	1.270	1.269	0.300	-0.1257	50.0
Benzo(a)pyrene-d12	1.048	1.053	0.010	0.4884	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.393		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	30.679		20-120		77	SPK: -40
4165-62-2	Phenol-d5	27.783		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.872		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.986		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.577		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	31.417		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.739		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.41		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.961		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.482		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.95		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.218		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	31.842		25-125		80	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.046		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	32.051		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	30.475		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.46		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93402	7.799				
1146-65-2	Naphthalene-d8	357908	10.587				
15067-26-2	Acenaphthene-d10	198937	14.451				
1517-22-2	Phenanthrene-d10	396800	17.21				



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

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	370091	21.428				
1520-96-3	Perylene-d12	418884	23.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	5.3	J	1.4	5	10	ug/L
110-86-1	Pyridine	4.1	J	0.85	10	10	ug/L
108-95-2	Phenol	3.8	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	3.8	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	4	J	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	3.4	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.5	J	1.4	5	10	ug/L
98-86-2	Acetophenone	3.8	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	3.7	J	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3.6	J	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	4	J	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	4.2	J	1.3	2.5	5	ug/L
78-59-1	Isophorone	3.6	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.2	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.7	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	3.9	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.2	J	1.4	2.5	5	ug/L
91-20-3	Naphthalene	4.3	J	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	4	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.4	J	1.1	2.5	5	ug/L
105-60-2	Caprolactam	3.8	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.6	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.3	J	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.1	J	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.2	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.9	J	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.9	J	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	4.2	J	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.2	J	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.1	J	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4.1	J	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.5	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.3	J	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.3	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	4.2	J	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.8	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	4	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.2	J	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.6	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	3.9	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.2	J	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.2	J	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.8	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.3	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	3.9	J	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.4	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4	J	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.2	J	1.9	2.5	5	ug/L
1912-24-9	Atrazine	4.6	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	4.3	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	4.2	J	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.8	J	1.3	2.5	5	ug/L
120-12-7	Anthracene	4	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.5	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	3.6	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	3.5	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	3.7	J	1.7	5	5	ug/L
129-00-0	Pyrene	4	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.2	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.9	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4	J	1.5	2.5	5	ug/L
218-01-9	Chrysene	4.2	J	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.3	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	3.2	J	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.1	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.3	J	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.4	J	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.3	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.5	J	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.8	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.839		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	22.266		20-120		56	SPK: -40
4165-62-2	Phenol-d5	19.427		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.004		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.919		20-130		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.104		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.651		20-125		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.426		20-130		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.96		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.574		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.151		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.55		10-130		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.298		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.03		25-125		55	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.897		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	19.948		25-130		50	SPK: -40
1718-52-1	Pyrene-d10	19.501		15-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.138		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97211	7.793				
1146-65-2	Naphthalene-d8	368681	10.593				
15067-26-2	Acenaphthene-d10	202759	14.451				
1517-22-2	Phenanthrene-d10	407400	17.21				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	361183	21.427				
1520-96-3	Perylene-d12	380245	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	J	12	6.6	66	ug/Kg
100-52-7	Benzaldehyde	180	J	48	82.2	330	ug/Kg
110-86-1	Pyridine	140	J	12	160	330	ug/Kg
108-95-2	Phenol	130	J	45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	J	35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	22	42.4	170	ug/Kg
95-48-7	2-Methylphenol	120	J	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	J	29	82.2	330	ug/Kg
98-86-2	Acetophenone	130	J	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	130	J	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	J	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	130	J	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	140	J	27	42.4	170	ug/Kg
78-59-1	Isophorone	120	J	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	89	J	8.5	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	J	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	34	42.4	170	ug/Kg
91-20-3	Naphthalene	140	J	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	26	42.4	170	ug/Kg
105-60-2	Caprolactam	120	J	40	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	J	36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	49	42.4	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	46	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	110	J	22	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	140	J	38	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	J	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	140	J	46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	110	J	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	140	J	50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	170	J	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	130	J	11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	140	J	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	J	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	130	J	41	42.4	170	ug/Kg
86-73-7	Fluorene	140	J	58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	48	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	120	J	16	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	J	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	140	J	50	42.4	170	ug/Kg
1912-24-9	Atrazine	150	J	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	150	J	38	82.2	330	ug/Kg
85-01-8	Phenanthrene	140	J	53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	36	42.4	170	ug/Kg
120-12-7	Anthracene	130	J	47	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	J	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	120	J	61	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	57	42.4	170	ug/Kg
206-44-0	Fluoranthene	130	J	45	82.2	170	ug/Kg
129-00-0	Pyrene	140	J	46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	J	25	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	39	42.4	170	ug/Kg
218-01-9	Chrysene	150	J	46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	43	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	110	J	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	46	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	52	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.093		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.756		20-120		57	SPK: -40
4165-62-2	Phenol-d5	19.705		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.347		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.117		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.558		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.918		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.664		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.126		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.603		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.561		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.014		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.734		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	21.451		20-140		54	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.206		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.105		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	20.803		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.237		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115958	7.787				
1146-65-2	Naphthalene-d8	453915	10.587				
15067-26-2	Acenaphthene-d10	248776	14.451				
1517-22-2	Phenanthrene-d10	499364	17.21				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	425638	21.433				
1520-96-3	Perylene-d12	446484	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	330	190	1900	ug/Kg
100-52-7	Benzaldehyde	5700	J	1300	2300	9400	ug/Kg
110-86-1	Pyridine	4500	J	200	4700	9400	ug/Kg
108-95-2	Phenol	4400	J	1200	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4300	J	830	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4500	J	620	1200	4700	ug/Kg
95-48-7	2-Methylphenol	4200	J	1100	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4300	J	790	2300	9400	ug/Kg
98-86-2	Acetophenone	4700	J	1600	2300	9400	ug/Kg
106-44-5	4-Methylphenol	4500	J	1200	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4800		910	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4400	J	390	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4500	J	870	1200	4700	ug/Kg
78-59-1	Isophorone	4400	J	1100	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4700		1000	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	3300	J	260	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4400	J	870	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4700		890	1200	4700	ug/Kg
91-20-3	Naphthalene	4800		1000	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4700	J	1200	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4600	J	690	1200	4700	ug/Kg
105-60-2	Caprolactam	5100	J	1400	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4600	J	1100	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	5100		490	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4900		1100	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	J	630	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4400	J	1500	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4400	J	1300	1200	4700	ug/Kg
92-52-4	1,1-Biphenyl	4600	J	1300	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4700		1300	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	4000	J	420	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	5000		1100	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	4500	J	580	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4700		1400	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	3900	J	230	2300	9400	ug/Kg
83-32-9	Acenaphthene	4700		1400	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	5600	J	750	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	5000	J	180	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4800		1300	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4700		310	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4900		1200	1200	4700	ug/Kg
86-73-7	Fluorene	5000		1700	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900		1500	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4400	J	530	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100	J	1100	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4400	J	1400	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4500	J	1300	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4500	J	2600	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4700		1400	1200	4700	ug/Kg
1912-24-9	Atrazine	5500	J	260	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	5000	J	1100	2300	9400	ug/Kg
85-01-8	Phenanthrene	4800		1600	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4700		1000	1200	4700	ug/Kg
120-12-7	Anthracene	4300	J	1500	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4200	J	270	1200	4700	ug/Kg
86-74-8	Carbazole	4400	J	1800	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4400	J	1700	1200	4700	ug/Kg
206-44-0	Fluoranthene	4400	J	1200	2300	4700	ug/Kg
129-00-0	Pyrene	4600	J	1100	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	1100	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4300	J	720	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4700		1000	1200	4700	ug/Kg
218-01-9	Chrysene	4800		1100	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	J	1100	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	4700	J	1300	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	5000		1600	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4700		1700	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4700		1600	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4200	J	1500	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4200	J	1600	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4100	J	1600	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	J	1500	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.384		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	22.646		20-120		57	SPK: -40
4165-62-2	Phenol-d5	20.317		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.098		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.893		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.054		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.804		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.058		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.594		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.218		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.638		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.06		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.127		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.709		20-140		57	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.909		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	20.065		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.341		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.005		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116038	7.793				
1146-65-2	Naphthalene-d8	488730	10.587				
15067-26-2	Acenaphthene-d10	300907	14.451				
1517-22-2	Phenanthrene-d10	668268	17.21				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	598265	21.433				
1520-96-3	Perylene-d12	566724	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.073		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	31.353		20-120		78	SPK: -40
4165-62-2	Phenol-d5	29.731		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.575		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.645		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.663		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	32.984		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.446		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.623		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.188		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.526		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.319		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.259		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	33.148		20-140		83	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.024		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	34.132		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	36.531		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.718		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104709	7.787				
1146-65-2	Naphthalene-d8	438130	10.587				
15067-26-2	Acenaphthene-d10	280684	14.451				
1517-22-2	Phenanthrene-d10	580056	17.21				



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

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	454398	21.433				
1520-96-3	Perylene-d12	425115	23.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	190	1900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9700	ug/Kg
110-86-1	Pyridine	200	U	200	4800	9700	ug/Kg
108-95-2	Phenol	1300	U	1300	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850	U	850	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	640	U	640	1200	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820	U	820	2400	9700	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2400	9700	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930	U	930	1200	4900	ug/Kg
67-72-1	Hexachloroethane	400	U	400	1200	4900	ug/Kg
98-95-3	Nitrobenzene	890	U	890	1200	4900	ug/Kg
78-59-1	Isophorone	1200	U	1200	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	270	U	270	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	890	U	890	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	910	U	910	1200	4900	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	710	U	710	1200	4900	ug/Kg
105-60-2	Caprolactam	1500	U	1500	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650	U	650	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1200	4900	ug/Kg
92-52-4	1,1-Biphenyl	1400	U	1400	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	430	U	430	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1200	U	1200	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	590	U	590	1200	4900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	2400	9700	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	2400	9700	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1200	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	540	U	540	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1200	4900	ug/Kg
1912-24-9	Atrazine	270	U	270	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	2400	9700	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	1200	4900	ug/Kg
120-12-7	Anthracene	1600	U	1600	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	280	U	280	1200	4900	ug/Kg
86-74-8	Carbazole	1800	U	1800	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1200	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg
129-00-0	Pyrene	1200	U	1200	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740	U	740	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	1100	U	1100	1200	4900	ug/Kg
218-01-9	Chrysene	1200	U	1200	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1400	U	1400	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	U	1700	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1700	U	1700	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	1600	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	1600	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.394		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	33.037		20-120		83	SPK: -40
4165-62-2	Phenol-d5	29.993		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.587		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.807		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.651		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	32.979		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.354		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.488		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.582		1-145		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.087		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	32.483		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.359		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	33.718		20-140		84	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.747		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	34.152		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	36.61		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.061		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110125	7.793				
1146-65-2	Naphthalene-d8	454085	10.587				
15067-26-2	Acenaphthene-d10	286873	14.451				
1517-22-2	Phenanthrene-d10	583627	17.21				



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Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	463902	21.433				
1520-96-3	Perylene-d12	461656	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.393		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	30.679		20-120		77	SPK: -40
4165-62-2	Phenol-d5	27.783		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.872		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.986		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.577		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	31.417		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.739		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.41		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.961		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.482		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.95		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.218		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	31.842		25-125		80	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.046		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	32.051		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	30.475		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.46		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93402	7.799				
1146-65-2	Naphthalene-d8	357908	10.587				
15067-26-2	Acenaphthene-d10	198937	14.451				
1517-22-2	Phenanthrene-d10	396800	17.21				



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Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BN031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030358.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	370091	21.428				
1520-96-3	Perylene-d12	418884	23.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	5.3	J	1.4	5	10	ug/L
110-86-1	Pyridine	4.1	J	0.85	10	10	ug/L
108-95-2	Phenol	3.8	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	3.8	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	4	J	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	3.4	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.5	J	1.4	5	10	ug/L
98-86-2	Acetophenone	3.8	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	3.7	J	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3.6	J	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	4	J	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	4.2	J	1.3	2.5	5	ug/L
78-59-1	Isophorone	3.6	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.2	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.7	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	3.9	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.2	J	1.4	2.5	5	ug/L
91-20-3	Naphthalene	4.3	J	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	4	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.4	J	1.1	2.5	5	ug/L
105-60-2	Caprolactam	3.8	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.6	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.3	J	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.1	J	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.2	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.9	J	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.9	J	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	4.2	J	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.2	J	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.1	J	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4.1	J	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.5	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.3	J	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.3	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	4.2	J	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.8	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	4	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.2	J	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.6	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	3.9	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.2	J	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.2	J	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.8	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.3	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	3.9	J	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.4	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4	J	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.2	J	1.9	2.5	5	ug/L
1912-24-9	Atrazine	4.6	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	4.3	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	4.2	J	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.8	J	1.3	2.5	5	ug/L
120-12-7	Anthracene	4	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.5	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	3.6	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	3.5	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	3.7	J	1.7	5	5	ug/L
129-00-0	Pyrene	4	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.2	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.9	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4	J	1.5	2.5	5	ug/L
218-01-9	Chrysene	4.2	J	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.3	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	3.2	J	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.1	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.3	J	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.4	J	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.3	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.5	J	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.8	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.839		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	22.266		20-120		56	SPK: -40
4165-62-2	Phenol-d5	19.427		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.004		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.919		20-130		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.104		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.651		20-125		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.426		20-130		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.96		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.574		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.151		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.55		10-130		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.298		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.03		25-125		55	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.897		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	19.948		25-130		50	SPK: -40
1718-52-1	Pyrene-d10	19.501		15-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.138		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97211	7.793				
1146-65-2	Naphthalene-d8	368681	10.593				
15067-26-2	Acenaphthene-d10	202759	14.451				
1517-22-2	Phenanthrene-d10	407400	17.21				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BN030359.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	361183	21.427				
1520-96-3	Perylene-d12	380245	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	J	12	6.6	66	ug/Kg
100-52-7	Benzaldehyde	180	J	48	82.2	330	ug/Kg
110-86-1	Pyridine	140	J	12	160	330	ug/Kg
108-95-2	Phenol	130	J	45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	J	35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	22	42.4	170	ug/Kg
95-48-7	2-Methylphenol	120	J	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	J	29	82.2	330	ug/Kg
98-86-2	Acetophenone	130	J	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	130	J	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	J	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	130	J	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	140	J	27	42.4	170	ug/Kg
78-59-1	Isophorone	120	J	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	89	J	8.5	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	J	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	34	42.4	170	ug/Kg
91-20-3	Naphthalene	140	J	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	26	42.4	170	ug/Kg
105-60-2	Caprolactam	120	J	40	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	J	36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	49	42.4	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	46	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	110	J	22	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	140	J	38	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	J	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	140	J	46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	110	J	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	140	J	50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	170	J	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	130	J	11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	140	J	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	J	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	130	J	41	42.4	170	ug/Kg
86-73-7	Fluorene	140	J	58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	48	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	120	J	16	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	J	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	140	J	50	42.4	170	ug/Kg
1912-24-9	Atrazine	150	J	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	150	J	38	82.2	330	ug/Kg
85-01-8	Phenanthrene	140	J	53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	36	42.4	170	ug/Kg
120-12-7	Anthracene	130	J	47	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	J	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	120	J	61	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	57	42.4	170	ug/Kg
206-44-0	Fluoranthene	130	J	45	82.2	170	ug/Kg
129-00-0	Pyrene	140	J	46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	J	25	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	39	42.4	170	ug/Kg
218-01-9	Chrysene	150	J	46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	43	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	110	J	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	46	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	52	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.093		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.756		20-120		57	SPK: -40
4165-62-2	Phenol-d5	19.705		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.347		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.117		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.558		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.918		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.664		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.126		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.603		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.561		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.014		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.734		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	21.451		20-140		54	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.206		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.105		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	20.803		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.237		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115958	7.787				
1146-65-2	Naphthalene-d8	453915	10.587				
15067-26-2	Acenaphthene-d10	248776	14.451				
1517-22-2	Phenanthrene-d10	499364	17.21				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030360.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	425638	21.433				
1520-96-3	Perylene-d12	446484	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	330	190	1900	ug/Kg
100-52-7	Benzaldehyde	5700	J	1300	2300	9400	ug/Kg
110-86-1	Pyridine	4500	J	200	4700	9400	ug/Kg
108-95-2	Phenol	4400	J	1200	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4300	J	830	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4500	J	620	1200	4700	ug/Kg
95-48-7	2-Methylphenol	4200	J	1100	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4300	J	790	2300	9400	ug/Kg
98-86-2	Acetophenone	4700	J	1600	2300	9400	ug/Kg
106-44-5	4-Methylphenol	4500	J	1200	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4800		910	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4400	J	390	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4500	J	870	1200	4700	ug/Kg
78-59-1	Isophorone	4400	J	1100	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4700		1000	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	3300	J	260	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4400	J	870	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4700		890	1200	4700	ug/Kg
91-20-3	Naphthalene	4800		1000	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4700	J	1200	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4600	J	690	1200	4700	ug/Kg
105-60-2	Caprolactam	5100	J	1400	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4600	J	1100	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	5100		490	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4900		1100	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	J	630	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4400	J	1500	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4400	J	1300	1200	4700	ug/Kg
92-52-4	1,1-Biphenyl	4600	J	1300	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4700		1300	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	4000	J	420	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	5000		1100	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	4500	J	580	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4700		1400	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	3900	J	230	2300	9400	ug/Kg
83-32-9	Acenaphthene	4700		1400	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	5600	J	750	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	5000	J	180	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4800		1300	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4700		310	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4900		1200	1200	4700	ug/Kg
86-73-7	Fluorene	5000		1700	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900		1500	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4400	J	530	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100	J	1100	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4400	J	1400	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4500	J	1300	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4500	J	2600	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4700		1400	1200	4700	ug/Kg
1912-24-9	Atrazine	5500	J	260	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	5000	J	1100	2300	9400	ug/Kg
85-01-8	Phenanthrene	4800		1600	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4700		1000	1200	4700	ug/Kg
120-12-7	Anthracene	4300	J	1500	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4200	J	270	1200	4700	ug/Kg
86-74-8	Carbazole	4400	J	1800	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4400	J	1700	1200	4700	ug/Kg
206-44-0	Fluoranthene	4400	J	1200	2300	4700	ug/Kg
129-00-0	Pyrene	4600	J	1100	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	1100	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4300	J	720	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4700		1000	1200	4700	ug/Kg
218-01-9	Chrysene	4800		1100	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	J	1100	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	4700	J	1300	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	5000		1600	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4700		1700	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4700		1600	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4200	J	1500	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4200	J	1600	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4100	J	1600	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	J	1500	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.384		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	22.646		20-120		57	SPK: -40
4165-62-2	Phenol-d5	20.317		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.098		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.893		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.054		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.804		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.058		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.594		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.218		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.638		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.06		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.127		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.709		20-140		57	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.909		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	20.065		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.341		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.005		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116038	7.793				
1146-65-2	Naphthalene-d8	488730	10.587				
15067-26-2	Acenaphthene-d10	300907	14.451				
1517-22-2	Phenanthrene-d10	668268	17.21				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BN031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030361.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	598265	21.433				
1520-96-3	Perylene-d12	566724	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.073		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	31.353		20-120		78	SPK: -40
4165-62-2	Phenol-d5	29.731		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.575		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.645		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.663		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	32.984		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.446		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.623		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.188		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.526		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.319		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.259		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	33.148		20-140		83	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.024		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	34.132		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	36.531		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.718		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104709	7.787				
1146-65-2	Naphthalene-d8	438130	10.587				
15067-26-2	Acenaphthene-d10	280684	14.451				
1517-22-2	Phenanthrene-d10	580056	17.21				



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

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BN031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030362.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	454398	21.433				
1520-96-3	Perylene-d12	425115	23.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	190	1900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9700	ug/Kg
110-86-1	Pyridine	200	U	200	4800	9700	ug/Kg
108-95-2	Phenol	1300	U	1300	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850	U	850	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	640	U	640	1200	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820	U	820	2400	9700	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2400	9700	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930	U	930	1200	4900	ug/Kg
67-72-1	Hexachloroethane	400	U	400	1200	4900	ug/Kg
98-95-3	Nitrobenzene	890	U	890	1200	4900	ug/Kg
78-59-1	Isophorone	1200	U	1200	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	270	U	270	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	890	U	890	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	910	U	910	1200	4900	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	710	U	710	1200	4900	ug/Kg
105-60-2	Caprolactam	1500	U	1500	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650	U	650	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1200	4900	ug/Kg
92-52-4	1,1-Biphenyl	1400	U	1400	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	430	U	430	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1200	U	1200	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	590	U	590	1200	4900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	2400	9700	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	2400	9700	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1200	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	540	U	540	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1200	4900	ug/Kg
1912-24-9	Atrazine	270	U	270	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	2400	9700	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	1200	4900	ug/Kg
120-12-7	Anthracene	1600	U	1600	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	280	U	280	1200	4900	ug/Kg
86-74-8	Carbazole	1800	U	1800	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1200	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg
129-00-0	Pyrene	1200	U	1200	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740	U	740	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	1100	U	1100	1200	4900	ug/Kg
218-01-9	Chrysene	1200	U	1200	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1400	U	1400	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	U	1700	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1700	U	1700	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	1600	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	1600	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.394		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	33.037		20-120		83	SPK: -40
4165-62-2	Phenol-d5	29.993		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.587		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.807		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.651		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	32.979		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.354		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.488		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.582		1-145		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.087		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	32.483		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.359		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	33.718		20-140		84	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.747		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	34.152		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	36.61		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.061		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110125	7.793				
1146-65-2	Naphthalene-d8	454085	10.587				
15067-26-2	Acenaphthene-d10	286873	14.451				
1517-22-2	Phenanthrene-d10	583627	17.21				



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

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030363.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	463902	21.433				
1520-96-3	Perylene-d12	461656	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN031124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT1-2024-01						
P1601-01	MDL-WATER-QT1-2024 Water	Total Alkanes	*	0.000	1.9	5	ug/L
		Total Tics :			0.00		
P1601-01	MDL-WATER-QT1-2024 Water	1,1-Biphenyl	4.200	J	1.9	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1,2,3,4-Tetrachlorobenzene	4.500	J	0.75	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1,2,4,5-Tetrachlorobenzene	4.400	J	1.8	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1,4-Dioxane	1.000	J	0.31	2	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1-Methylnaphthalene	4.300	J	0.97	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,2-oxybis(1-Chloropropane)	3.500	J	1.4	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,3,4,6-Tetrachlorophenol	3.800	J	1.8	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4,5-Trichlorophenol	3.900	J	1.7	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4,6-Trichlorophenol	3.900	J	1.9	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dichlorophenol	4.200	J	1.4	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dimethylphenol	2.700	J	0.72	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dinitrophenol	4.800	J	1.9	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dinitrotoluene	3.600	J	0.97	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,6-Dinitrotoluene	3.500	J	1.3	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Chloronaphthalene	4.200	J	1.8	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Chlorophenol	4.000	J	1.1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Methylnaphthalene	4.100	J	1.5	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Methylphenol	3.400	J	1.5	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Nitroaniline	3.100	J	1.2	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Nitrophenol	4.200	J	1.4	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	3,3-Dichlorobenzidine	3.900	J	1.4	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	3-Nitroaniline	3.300	J	0.86	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4,6-Dinitro-2-methylphenol	4.300	J	1.7	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Bromophenyl-phenylether	4.000	J	2.7	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Chloro-3-methylphenol	3.600	J	1.4	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Chloroaniline	4.000	J	1.7	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Chlorophenyl-phenylether	4.200	J	1.9	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Methylphenol	3.700	J	1.6	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Nitroaniline	3.800	J	0.6	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Nitrophenol	4.000	J	1.5	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Acenaphthene	4.200	J	1.9	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Acenaphthylene	4.300	J	1.8	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Acetophenone	3.800	J	2.1	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Anthracene	4.000	J	1.7	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Atrazine	4.600	J	1.2	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Benzaldehyde	5.300	J	1.4	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Benzo(a)anthracene	4.000	J	1.5	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BN031124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(a)pyrene	4.400	J	2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(b)fluoranthene	4.100	J	1.6	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(g,h,i)perylene	4.500	J	1.9	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(k)fluoranthene	4.300	J	2.2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Bis(2-Chloroethoxy)methane	3.900	J	1.4	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Bis(2-Chloroethyl)ether	3.800	J	1.5	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Bis(2-ethylhexyl)phthalate	3.300	J	1.5	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Butylbenzylphthalate	3.200	J	1.5	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Caprolactam	3.800	J	1.3	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Carbazole	3.600	J	2	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Chrysene	4.200	J	1.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Di-n-butylphthalate	3.500	J	1.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Di-n-octyl phthalate	3.200	J	1.3	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Dibenzo(a,h)anthracene	4.500	J	2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Dibenzofuran	4.200	J	1.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Diethylphthalate	3.900	J	1.5	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Dimethylphthalate	4.100	J	1.6	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Fluoranthene	3.700	J	1.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Fluorene	4.200	J	2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachlorobenzene	4.200	J	1.9	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachlorobutadiene	4.400	J	1.1	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachlorocyclopentadiene	4.200	J	1.4	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachloroethane	4.000	J	0.89	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Indeno(1,2,3-cd)pyrene	4.300	J	1.9	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Isophorone	3.600	J	1.4	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	N-Nitroso-di-n-propylamine	3.600	J	1.4	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	N-Nitrosodiphenylamine	3.900	J	1.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Naphthalene	4.300	J	1.5	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Nitrobenzene	4.200	J	1.3	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pentachlorobenzene	4.800	J	1.3	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pentachlorophenol	4.300	J	1.7	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Phenanthrene	4.200	J	1.8	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Phenol	3.800	J	1.7	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pyrene	4.000	J	1.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pyridine	4.100	J	0.85	10 ug/L
Total Svoc :				284.60			
Total Concentration:				284.60			
Client ID :	MDL-SOIL-QT1-2024-01						
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Total Alkanes	*	0.000	46	170 ug/Kg
Total Tics :				0.00			
P1601-03	MDL-SOIL-QT1-2024-01	Solid	1,1-Biphenyl	140.000	J	46	170 ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	1,2,3,4-Tetrachlorobenzene	150.000	J	5.6	170 ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BN031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-03	MDL-SOIL-QT1-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	45	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	1,4-Dioxane	36.000	J	12	66	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	1-Methylnaphthalene	140.000	J	19	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,2-oxybis(1-Chloropropane)	130.000	J	29	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	52	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4,5-Trichlorophenol	140.000	J	49	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4,6-Trichlorophenol	130.000	J	50	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dichlorophenol	140.000	J	34	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dimethylphenol	89.000	J	8.5	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrophenol	170.000	J	32	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrotoluene	120.000	J	13	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,6-Dinitrotoluene	120.000	J	26	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Chloronaphthalene	140.000	J	44	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Chlorophenol	140.000	J	22	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Methylnaphthalene	140.000	J	37	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Methylphenol	120.000	J	39	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Nitroaniline	110.000	J	22	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Nitrophenol	140.000	J	30	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	3,3-Dichlorobenzidine	140.000	J	25	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	3-Nitroaniline	110.000	J	14	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4,6-Dinitro-2-methylphenol	150.000	J	39	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Bromophenyl-phenylether	140.000	J	99	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Chloro-3-methylphenol	120.000	J	36	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Chloroaniline	130.000	J	44	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Chlorophenyl-phenylether	150.000	J	48	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Methylphenol	130.000	J	41	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Nitroaniline	120.000	J	16	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Nitrophenol	130.000	J	11	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Acenaphthene	140.000	J	50	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Acenaphthylene	140.000	J	46	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Acetophenone	130.000	J	59	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Anthracene	130.000	J	47	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Atrazine	150.000	J	11	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzaldehyde	180.000	J	48	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)anthracene	140.000	J	39	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)pyrene	140.000	J	57	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(b)fluoranthene	140.000	J	48	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(g,h,i)perylene	150.000	J	46	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(k)fluoranthene	140.000	J	58	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethoxy)methane	130.000	J	31	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethyl)ether	130.000	J	35	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	43	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Butylbenzylphthalate	110.000	J	43	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Caprolactam	120.000	J	40	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Carbazole	120.000	J	61	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Chrysene	150.000	J	46	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Di-n-butylphthalate	120.000	J	57	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Di-n-octyl phthalate	110.000	J	43	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Dibenzo(a,h)anthracene	150.000	J	52	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Dibenzofuran	140.000	J	40	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Diethylphthalate	130.000	J	41	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Dimethylphthalate	140.000	J	38	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Fluoranthene	130.000	J	45	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Fluorene	140.000	J	58	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachlorobenzene	140.000	J	50	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachlorobutadiene	140.000	J	26	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachlorocyclopentadiene	140.000	J	19	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachloroethane	130.000	J	16	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	45	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Isophorone	120.000	J	36	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	N-Nitroso-di-n-propylamine	130.000	J	37	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	N-Nitrosodiphenylamine	140.000	J	45	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Naphthalene	140.000	J	33	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Nitrobenzene	140.000	J	27	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pentachlorobenzene	160.000	J	36	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pentachlorophenol	150.000	J	38	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Phenanthrene	140.000	J	53	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Phenol	130.000	J	45	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pyrene	140.000	J	46	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pyridine	140.000	J	12	330	ug/Kg
Total Svoc :				9,635.00				
Total Concentration:				9,635.00				
Client ID :	MDL-MED-SOIL-QT1-2024-01							
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Total Alkanes	*	0.000	1300	4700	ug/Kg
Total Tics :				0.00				
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,1-Biphenyl		4,600.000	J 1300	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,2,3,4-Tetrachlorobenzene		4,200.000	J 270	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,2,4,5-Tetrachlorobenzene		4,500.000	J 1300	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,4-Dioxane		1,000.000	J 330	1900	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1-Methylnaphthalene		5,100.000	490	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,2-oxybis(1-Chloropropane)		4,300.000	J 790	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,3,4,6-Tetrachlorophenol		4,500.000	J 1500	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4,5-Trichlorophenol		4,400.000	J 1300	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4,6-Trichlorophenol		4,400.000	J 1500	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dichlorophenol	4,700.000		890	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dimethylphenol	3,300.000	J	260	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrophenol	5,600.000	J	750	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrotoluene	4,700.000		310	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,6-Dinitrotoluene	4,500.000	J	580	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Chloronaphthalene	4,700.000		1300	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Chlorophenol	4,500.000	J	620	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Methylnaphthalene	4,900.000		1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Methylphenol	4,200.000	J	1100	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Nitroaniline	4,000.000	J	420	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Nitrophenol	4,700.000		1000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	3,3-Dichlorobenzidine	4,300.000	J	720	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	3-Nitroaniline	3,900.000	J	230	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4,6-Dinitro-2-methylphenol	5,100.000	J	1100	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Bromophenyl-phenylether	4,500.000	J	2600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Chloro-3-methylphenol	4,600.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Chloroaniline	4,700.000	J	1200	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Chlorophenyl-phenylether	4,900.000		1500	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Methylphenol	4,500.000	J	1200	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Nitroaniline	4,400.000	J	530	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Nitrophenol	5,000.000	J	180	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Acenaphthene	4,700.000		1400	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Acenaphthylene	4,700.000		1400	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Acetophenone	4,700.000	J	1600	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Anthracene	4,300.000	J	1500	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Atrazine	5,500.000	J	260	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzaldehyde	5,700.000	J	1300	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)anthracene	4,700.000		1000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)pyrene	4,700.000		1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(b)fluoranthene	5,000.000		1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(g,h,i)perylene	4,100.000	J	1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(k)fluoranthene	4,700.000		1700	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethoxy)methane	4,400.000	J	870	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethyl)ether	4,300.000	J	830	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Bis(2-ethylhexyl)phthalate	4,300.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Butylbenzylphthalate	4,100.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Caprolactam	5,100.000	J	1400	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Carbazole	4,400.000	J	1800	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Chrysene	4,800.000		1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Di-n-butylphthalate	4,400.000	J	1700	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Di-n-octyl phthalate	4,700.000	J	1300	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Dibenzo(a,h)anthracene	4,200.000	J	1600	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Dibenzofuran	4,800.000		1300	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Diethylphthalate	4,900.000		1200	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Dimethylphthalate	5,000.000		1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Fluoranthene	4,400.000	J	1200	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Fluorene	5,000.000		1700	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobenzene	4,700.000		1400	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobutadiene	4,600.000	J	690	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachlorocyclopentadiene	4,200.000	J	630	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachloroethane	4,400.000	J	390	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Indeno(1,2,3-cd)pyrene	4,200.000	J	1500	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Isophorone	4,400.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	N-Nitroso-di-n-propylamine	4,800.000		910	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	N-Nitrosodiphenylamine	4,400.000	J	1400	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Naphthalene	4,800.000		1000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Nitrobenzene	4,500.000	J	870	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pentachlorobenzene	4,700.000		1000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pentachlorophenol	5,000.000	J	1100	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Phenanthrene	4,800.000		1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Phenol	4,400.000	J	1200	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pyrene	4,600.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pyridine	4,500.000	J	200	9400	ug/Kg
Total Svoc :				327,300.00				
Total Concentration:				327,300.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN030824

SAS No.: BN030824

SDG No.: BN030824

Instrument ID:

Calibration Date(s): 3/8/2024 1:

Calibration Time(s): 10:28

LAB FILE ID:		RRFAL1 = BN030349.D		RRFAL2 = BN030350.D		RRFAL3 = BN030351.D		
		RRFAL4 = BN030352.D		RRFAL5 = BN030353.D		RRFAL6 = BN030354.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.579	0.551	0.550	0.569	0.595		0.569	3.4
Benzaldehyde		0.884	1.044	0.964	0.686	0.557	0.827	24.3
Pyridine		1.289	1.346	1.459	1.511	1.592	1.439	8.5
Hexachloroethane	0.592	0.641	0.682	0.750	0.732		0.679	9.6
Nitrobenzene	0.382	0.404	0.439	0.465	0.463		0.431	8.5
Isophorone	0.654	0.668	0.787	0.828	0.785		0.744	10.5
2-Nitrophenol	0.155	0.169	0.195	0.211	0.213		0.188	13.6
2,4-Dimethylphenol	0.340	0.358	0.397	0.431	0.419		0.389	10.0
Bis(2-Chloroethoxy)methane	0.394	0.400	0.444	0.476	0.469		0.437	8.7
2,4-Dichlorophenol	0.273	0.291	0.328	0.339	0.336		0.313	9.5
Naphthalene	1.050	1.090	1.152	1.208	1.207		1.142	6.2
4-Chloroaniline		0.394	0.471	0.486	0.455	0.446	0.450	7.7
Hexachlorobutadiene	0.202	0.210	0.213	0.230	0.237		0.219	6.8
Phenol		1.568	1.786	1.915	1.745	1.815	1.766	7.2
Caprolactam		0.071	0.102	0.103	0.094	0.096	0.093	14.0
4-Chloro-3-methylphenol	0.294	0.307	0.391	0.408	0.374		0.355	14.5
1-Methylnaphthalene	0.654	0.688	0.774	0.803	0.757		0.735	8.5
2-Methylnaphthalene	0.655	0.694	0.784	0.814	0.771		0.744	9.0
Hexachlorocyclopentadiene		0.408	0.381	0.483	0.544	0.550	0.473	16.3
2,4,6-Trichlorophenol	0.335	0.358	0.390	0.462	0.458		0.401	14.4
2,4,5-Trichlorophenol	0.385	0.405	0.420	0.494	0.486		0.438	11.2
1,1-Biphenyl	1.577	1.643	1.594	1.807	1.819		1.688	6.9
2-Chloronaphthalene	1.217	1.278	1.234	1.408	1.418		1.311	7.3
2-Nitroaniline	0.284	0.318	0.390	0.453	0.445		0.378	19.9
Bis(2-Chloroethyl)ether		1.249	1.390	1.528	1.433	1.456	1.411	7.3
Dimethylphthalate	1.518	1.512	1.656	1.792	1.716		1.639	7.5
2,6-Dinitrotoluene	0.250	0.279	0.321	0.369	0.362		0.316	16.3
Acenaphthylene	1.921	2.045	2.076	2.352	2.234		2.125	7.9
3-Nitroaniline		0.234	0.319	0.343	0.326	0.329	0.310	14.0
Acenaphthene	1.316	1.372	1.345	1.529	1.478		1.408	6.5
2,4-Dinitrophenol		0.112	0.154	0.192	0.204	0.227	0.178	25.4
4-Nitrophenol		0.247	0.321	0.347	0.350	0.355	0.324	13.9
Dibenzofuran	1.797	1.840	1.845	2.000	1.909		1.878	4.2
2,4-Dinitrotoluene	0.371	0.388	0.479	0.525	0.495		0.452	15.1
Diethylphthalate	1.603	1.609	1.823	1.914	1.810		1.752	7.9
2-Chlorophenol	1.301	1.345	1.528	1.611	1.529		1.463	9.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN030824

SAS No.: BN030824

SDG No.: BN030824

Instrument ID: _____

Calibration Date(s): 3/8/2024 1: _____

Calibration Time(s): 10:28 _____

LAB FILE ID:		RRFAL1 = BN030349.D		RRFAL2 = BN030350.D		RRFAL3 = BN030351.D		
		RRFAL4 = BN030352.D		RRFAL5 = BN030353.D		RRFAL6 = BN030354.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.484	1.486	1.573	1.648	1.562		1.551	4.4
4-Chlorophenyl-phenylether	0.724	0.725	0.743	0.785	0.735		0.742	3.4
4-Nitroaniline		0.242	0.320	0.322	0.284	0.267	0.287	12.0
4,6-Dinitro-2-methylphenol		0.100	0.124	0.144	0.151	0.154	0.135	16.6
N-Nitrosodiphenylamine	0.553	0.608	0.636	0.677	0.682		0.631	8.5
1,2,4,5-Tetrachlorobenzene	0.571	0.625	0.582	0.688	0.692		0.632	9.0
4-Bromophenyl-phenylether	0.193	0.197	0.218	0.233	0.231		0.214	8.6
Hexachlorobenzene	0.217	0.222	0.239	0.249	0.246		0.235	6.2
Atrazine		0.196	0.230	0.230	0.219	0.210	0.217	6.6
Pentachlorophenol		0.129	0.149	0.169	0.170	0.177	0.159	12.4
2-Methylphenol		1.097	1.320	1.443	1.334	1.425	1.324	10.4
Phenanthrene	1.074	1.127	1.180	1.227	1.225		1.166	5.7
Pentachlorobenzene	0.256	0.263	0.271	0.296	0.306		0.278	7.8
Anthracene	1.093	1.144	1.218	1.234	1.244		1.187	5.5
1,2,3,4-Tetrachlorobenzene	0.272	0.288	0.272	0.317	0.343		0.299	10.4
Carbazole		0.972	1.076	1.073	1.085	1.062	1.054	4.4
Di-n-butylphthalate	1.255	1.336	1.577	1.563	1.590		1.464	10.7
Fluoranthene	1.394	1.324	1.608	1.782	1.673		1.556	12.3
Pyrene	1.485	1.385	1.664	1.784	1.679		1.600	10.1
Butylbenzylphthalate	0.612	0.633	0.833	0.873	0.881		0.766	17.3
3,3-Dichlorobenzidine		0.366	0.449	0.448	0.465	0.445	0.435	9.0
2,2-oxybis (1-Chloropropane)		1.159	1.297	1.404	1.293	1.263	1.283	6.8
Benzo (a) anthracene	1.381	1.429	1.509	1.588	1.598		1.501	6.4
Chrysene	1.290	1.330	1.423	1.451	1.466		1.392	5.6
Bis (2-ethylhexyl) phthalate	0.953	0.977	1.269	1.282	1.319		1.160	15.4
Di-n-octyl phthalate		1.404	2.116	2.044	1.898	1.899	1.872	14.9
Benzo (b) fluoranthene	1.089	1.263	1.418	1.456	1.369		1.319	11.2
Benzo (k) fluoranthene	1.227	1.260	1.445	1.488	1.389		1.362	8.4
Benzo (a) pyrene	1.054	1.211	1.258	1.392	1.325		1.248	10.3
Indeno (1,2,3-cd) pyrene	1.320	1.460	1.390	1.625	1.626		1.484	9.3
Dibenzo (a,h) anthracene	1.069	1.199	1.125	1.341	1.317		1.210	9.8
Benzo (g,h,i) perylene	1.081	1.198	1.091	1.322	1.319		1.202	9.8
Acetophenone		2.017	2.350	2.427	2.163	2.283	2.248	7.2
2,3,4,6-Tetrachlorophenol	0.297	0.323	0.361	0.397	0.383		0.352	11.8
1,4-Dioxane-d8	0.589	0.621	0.563	0.595	0.595		0.593	3.5
Pyridine-d5		1.236	1.323	1.431	1.495	1.588	1.415	9.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN030824

SAS No.: BN030824

SDG No.: BN030824

Instrument ID: _____

Calibration Date(s): 3/8/2024 1: _____

Calibration Time(s): 10:28 _____

LAB FILE ID:		RRFAL1 = BN030349.D			RRFAL2 = BN030350.D		RRFAL3 = BN030351.D	
		RRFAL4 = BN030352.D			RRFAL5 = BN030353.D		RRFAL6 = BN030354.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.542	1.771	1.912	1.787	1.860	1.774	8.0
Bis-(2-Chloroethyl)ether-d8		0.891	1.009	1.087	1.032	1.019	1.008	7.1
2-Chlorophenol-d4	1.243	1.288	1.476	1.598	1.502		1.421	10.6
4-Methylphenol-d8		1.159	1.407	1.528	1.409	1.489	1.399	10.3
Nitrobenzene-d5	0.146	0.152	0.166	0.184	0.187		0.167	11.2
2-Nitrophenol-d4	0.139	0.156	0.178	0.196	0.205		0.175	15.6
2,4-Dichlorophenol-d3	0.261	0.285	0.326	0.345	0.344		0.312	12.0
4-Chloroaniline-d4		0.402	0.478	0.499	0.471	0.465	0.463	7.9
4-Methylphenol		1.183	1.442	1.513	1.395	1.461	1.399	9.1
Dimethylphthalate-d6	1.479	1.481	1.630	1.756	1.717		1.613	8.0
Acenaphthylene-d8	1.602	1.725	1.813	2.014	1.981		1.827	9.5
4-Nitrophenol-d4		0.218	0.281	0.310	0.312	0.309	0.286	14.0
Fluorene-d10	1.238	1.273	1.320	1.419	1.365		1.323	5.4
4,6-Dinitro-2-methylphenol		0.089	0.116	0.132	0.141	0.146	0.125	18.4
Anthracene-d10	0.844	0.938	1.005	1.039	1.029		0.971	8.3
Pyrene-d10	1.152	1.094	1.329	1.430	1.346		1.270	11.1
Benzo(a)pyrene-d12	0.906	0.976	1.076	1.160	1.120		1.048	10.0
N-Nitroso-di-n-propylamine	0.936	0.957	1.196	1.215	1.073		1.076	12.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN031124 SAS No.: BN031124 SDG NO.: BN031124

EPA Sample No.: SSTD020241 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BN030351.D Time Analyzed: 12:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	120978	7.799	513587	10.59	336510	14.45
UPPER LIMIT	241956	8.299	1027174	11.093	673020	14.951
LOWER LIMIT	60489	7.299	256793.5	10.093	168255	13.951
EPA SAMPLE NO.						
01 SBLK425	93402	7.80	357908	10.59	198937	14.45
02 MDL-WATER-QT1-2024-01	97211	7.79	368681	10.59	202759	14.45
03 MDL-SOIL-QT1-2024-01	115958	7.79	453915	10.59	248776	14.45
04 MDL-MED-SOIL-QT1-2024-01	116038	7.79	488730	10.59	300907	14.45
05 SBLK444	104709	7.79	438130	10.59	280684	14.45
06 SBLK446	110125	7.79	454085	10.59	286873	14.45

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.: BN031124 SAS No.: BN031124 SDG NO.: BN031124

EPA Sample No.: SSTD020322 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BN030357.D Time Analyzed: 12:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	108084	7.793	468806	10.59	311879	14.45
UPPER LIMIT	216168	8.293	937612	11.093	623758	14.951
LOWER LIMIT	54042	7.293	234403	10.093	155939.5	13.951
EPA SAMPLE NO.						
01 SBLK425	93402	7.80	357908	10.59	198937	14.45
02 MDL-WATER-QT1-2024-01	97211	7.79	368681	10.59	202759	14.45
03 MDL-SOIL-QT1-2024-01	115958	7.79	453915	10.59	248776	14.45
04 MDL-MED-SOIL-QT1-2024-01	116038	7.79	488730	10.59	300907	14.45
05 SBLK444	104709	7.79	438130	10.59	280684	14.45
06 SBLK446	110125	7.79	454085	10.59	286873	14.45

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.: BN031124 SAS No.: BN031124 SDG NO.: BN031124

EPA Sample No.: SSTD020241 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BN030351.D Time Analyzed: 12:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	694807	17.21	581040	21.433	558872	23.786
UPPER LIMIT	1389614	17.71	1162080	21.933	1117744	24.286
LOWER LIMIT	347403.5	16.71	290520	20.933	279436	23.286
EPA SAMPLE NO.						
01 SBLK425	396800	17.21	370091	21.43	418884	23.78
02 MDL-WATER-QT1-2024-01	407400	17.21	361183	21.43	380245	23.79
03 MDL-SOIL-QT1-2024-01	499364	17.21	425638	21.43	446484	23.79
04 MDL-MED-SOIL-QT1-2024-01	668268	17.21	598265	21.43	566724	23.79
05 SBLK444	580056	17.21	454398	21.43	425115	23.79
06 SBLK446	583627	17.21	463902	21.43	461656	23.79

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.: BN031124 SAS No.: BN031124 SDG NO.: BN031124

EPA Sample No.: SSTD020322

Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BN030357.D

Time Analyzed: 12:15

Instrument ID: BNA_N

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	668824	17.216	561380	21.433	529951	23.786
UPPER LIMIT	1337648	17.716	1122760	21.933	1059902	24.286
LOWER LIMIT	334412	16.716	280690	20.933	264975.5	23.286
EPA SAMPLE NO.						
01 SBLK425	396800	17.21	370091	21.43	418884	23.78
02 MDL-WATER-QT1-2024-01	407400	17.21	361183	21.43	380245	23.79
03 MDL-SOIL-QT1-2024-01	499364	17.21	425638	21.43	446484	23.79
04 MDL-MED-SOIL-QT1-2024-01	668268	17.21	598265	21.43	566724	23.79
05 SBLK444	580056	17.21	454398	21.43	425115	23.79
06 SBLK446	583627	17.21	463902	21.43	461656	23.79

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.

SBLK425

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN031124

SAS No.: BN031124 SDG NO.: BN031124

Lab File ID: BN030358.D

Lab Sample ID: PB159425BL

Instrument ID: BNA_N

Date Extracted: 03/04/2024

Matrix: (soil/water) Water

Date Analyzed: 03/11/2024

Level: (low/med) LOW

Time Analyzed: 12:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT1-2024-01	P1601-01	BN030359.D	03/11/2024

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK444

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN031124SAS No.: BN031124 SDG NO.: BN031124Lab File ID: BN030362.DLab Sample ID: PB159444BLInstrument ID: BNA_NDate Extracted: 03/05/2024Matrix: (soil/water) SolidDate Analyzed: 03/11/2024Level: (low/med) LOWTime Analyzed: 16:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT1-2024-01	P1601-03	BN030360.D	03/11/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN031124SAS No.: BN031124 SDG NO.: BN031124Lab File ID: BN030363.DLab Sample ID: PB159446BLInstrument ID: BNA_NDate Extracted: 03/05/2024Matrix: (soil/water) SolidDate Analyzed: 03/11/2024Level: (low/med) MEDTime Analyzed: 16:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT1-2024-01	P1601-05	BN030361.D	03/11/2024

COMMENTS: _____



Surrogate Summary

SW-846

SDG No.: BN031124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-01	MDL-WATER-QT1	BN030359.D	1,4-Dioxane-d8	8	4.84	60		15	120
			Pyridine-d5	40	22.27	56		20	120
			Phenol-d5	40	19.43	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.00	48		25	120
			2-Chlorophenol-d4	40	20.92	52		20	130
			4-Methylphenol-d8	40	19.10	48		25	125
			Nitrobenzene-d5	40	21.65	54		20	125
			2-Nitrophenol-d4	40	21.43	54		20	130
			2,4-Dichlorophenol-d3	40	20.96	52		20	120
			4-Chloroaniline-d4	40	19.57	49		1	146
			Dimethylphthalate-d6	40	21.15	53		25	130
			Acenaphthylene-d8	40	21.55	54		10	130
			4-Nitrophenol-d4	40	17.30	43		10	150
			Fluorene-d10	40	22.03	55		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.90	45		10	130
			Anthracene-d10	40	19.95	50		25	130
			Pyrene-d10	40	19.50	49		15	130
			Benzo(a)pyrene-d12	40	23.14	58		20	130
PB159425BL	PB159425BL	BN030358.D	Pyridine-d5	40	30.68	77		20	120
			1,4-Dioxane-d8	8	6.39	80		15	120
			Phenol-d5	40	27.78	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.87	70		25	120
			2-Chlorophenol-d4	40	30.99	77		20	130
			4-Methylphenol-d8	40	28.58	71		25	125
			Nitrobenzene-d5	40	31.42	79		20	125
			2-Nitrophenol-d4	40	31.74	79		20	130
			2,4-Dichlorophenol-d3	40	30.41	76		20	120
			4-Chloroaniline-d4	40	28.96	72		1	146
			Dimethylphthalate-d6	40	30.48	76		25	130
			Acenaphthylene-d8	40	30.95	77		10	130
			4-Nitrophenol-d4	40	24.22	61		10	150
			Fluorene-d10	40	31.84	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.05	68		10	130
			Anthracene-d10	40	32.05	80		25	130
			Pyrene-d10	40	30.48	76		15	130
			Benzo(a)pyrene-d12	40	33.46	84		20	130



Surrogate Summary

SW-846

SDG No.: BN031124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-03	MDL-SOIL-QT1-2(BN030360.D		1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	22.76	57		20	120
			Phenol-d5	40	19.71	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.35	48		10	150
			2-Chlorophenol-d4	40	21.12	53		15	120
			4-Methylphenol-d8	40	19.56	49		10	140
			Nitrobenzene-d5	40	21.92	55		10	135
			2-Nitrophenol-d4	40	21.66	54		10	120
			2,4-Dichlorophenol-d3	40	21.13	53		10	140
			4-Chloroaniline-d4	40	19.60	49		1	145
			Dimethylphthalate-d6	40	21.56	54		10	145
			Acenaphthylene-d8	40	22.01	55		15	120
			4-Nitrophenol-d4	40	17.73	44		10	150
			Fluorene-d10	40	21.45	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.21	46		10	130
			Anthracene-d10	40	20.11	50		10	150
			Pyrene-d10	40	20.80	52		10	130
			Benzo(a)pyrene-d12	40	22.24	56		10	140
PB159444BL	PB159444BL	BN030362.D	1,4-Dioxane-d8	8	6.07	76		15	120
			Pyridine-d5	40	31.35	78		20	120
			Phenol-d5	40	29.73	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.58	76		10	150
			2-Chlorophenol-d4	40	32.65	82		15	120
			4-Methylphenol-d8	40	31.66	79		10	140
			Nitrobenzene-d5	40	32.98	82		10	135
			2-Nitrophenol-d4	40	34.45	86		10	120
			2,4-Dichlorophenol-d3	40	31.62	79		10	140
			4-Chloroaniline-d4	40	32.19	80		1	145
			Dimethylphthalate-d6	40	33.53	84		10	145
			Acenaphthylene-d8	40	31.32	78		15	120
			4-Nitrophenol-d4	40	27.26	68		10	150
			Fluorene-d10	40	33.15	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.02	78		10	130
			Anthracene-d10	40	34.13	85		10	150
			Pyrene-d10	40	36.53	91		10	130
			Benzo(a)pyrene-d12	40	35.72	89		10	140



Surrogate Summary

SW-846

SDG No.: BN031124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-05	MDL-MED-SOIL-(BN030361.D		Pyridine-d5	40	22.65	57		20	120
			1,4-Dioxane-d8	8	4.38	55		15	120
			Phenol-d5	40	20.32	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.10	50		10	150
			2-Chlorophenol-d4	40	21.89	55		15	120
			4-Methylphenol-d8	40	21.05	53		10	140
			Nitrobenzene-d5	40	21.80	55		10	135
			2-Nitrophenol-d4	40	22.06	55		10	120
			2,4-Dichlorophenol-d3	40	21.59	54		10	140
			4-Chloroaniline-d4	40	21.22	53		1	145
			Dimethylphthalate-d6	40	22.64	57		10	145
			Acenaphthylene-d8	40	22.06	55		15	120
			4-Nitrophenol-d4	40	21.13	53		10	150
			Fluorene-d10	40	22.71	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.91	50		10	130
			Anthracene-d10	40	20.07	50		10	150
			Pyrene-d10	40	21.34	53		10	130
			Benzo(a)pyrene-d12	40	23.01	58		10	140
PB159446BL	PB159446BL	BN030363.D	1,4-Dioxane-d8	8	6.39	80		15	120
			Pyridine-d5	40	33.04	83		20	120
			Phenol-d5	40	29.99	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.59	76		10	150
			2-Chlorophenol-d4	40	32.81	82		15	120
			4-Methylphenol-d8	40	32.65	82		10	140
			Nitrobenzene-d5	40	32.98	82		10	135
			2-Nitrophenol-d4	40	35.35	88		10	120
			2,4-Dichlorophenol-d3	40	32.49	81		10	140
			4-Chloroaniline-d4	40	33.58	84		1	145
			Dimethylphthalate-d6	40	34.09	85		10	145
			Acenaphthylene-d8	40	32.48	81		15	120
			4-Nitrophenol-d4	40	28.36	71		10	150
			Fluorene-d10	40	33.72	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.75	79		10	130
			Anthracene-d10	40	34.15	85		10	150
			Pyrene-d10	40	36.61	92		10	130
			Benzo(a)pyrene-d12	40	36.06	90		10	140



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BN031124Lab Code: CHEMSAS No.: BN031124 SDG NO.: BN031124Lab File ID: BN030356.DDFTPP Injection Date: 03/11/2024Instrument ID: BNA_NDFTPP Injection Time: 11:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	47
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.6
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	5.7
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	81.7
443	15.0 - 24.0% of mass 442	15 (18.3) 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
SSTD020322	SSTDCCC020	BN030357.D	03/11/2024	11:39
SBLK425	PB159425BL	BN030358.D	03/11/2024	12:15
MDL-WATER-QT1-2024-01	P1601-01	BN030359.D	03/11/2024	12:52
MDL-SOIL-QT1-2024-01	P1601-03	BN030360.D	03/11/2024	13:51
MDL-MED-SOIL-QT1-2024-01	P1601-05	BN030361.D	03/11/2024	15:30
SBLK444	PB159444BL	BN030362.D	03/11/2024	16:19
SBLK446	PB159446BL	BN030363.D	03/11/2024	16:56
SSTD020323	SSTDCCC020EC	BN030364.D	03/11/2024	17:32