

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091224 SAS No.: BN091224 SDG No.: BN091224

Instrument ID: BNA_N Calibration Date/Time: 9/12/2024 11:51

Lab File ID: BN033878.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020316 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.528	0.010	2.0842	40.0
Benzaldehyde	0.937	1.117	0.010	19.213	40.0
Pyridine	1.491	1.486	0.010	-0.322	40.0
Phenol	1.848	1.757	0.080	-4.9445	20.0
Bis(2-Chloroethyl)ether	1.436	1.376	0.100	-4.2064	20.0
2-Chlorophenol	1.432	1.433	0.200	0.089	20.0
2-Methylphenol	1.381	1.316	0.010	-4.7288	20.0
2,2-oxybis(1-Chloropropane)	2.118	2.044	0.010	-3.492	40.0
Acetophenone	2.314	2.214	0.060	-4.3164	20.0
4-Methylphenol	1.537	1.450	0.010	-5.7022	20.0
N-Nitroso-di-n-propylamine	1.146	1.100	0.050	-3.9945	30.0
Hexachloroethane	0.604	0.604	0.100	-0.0003	20.0
Nitrobenzene	0.399	0.392	0.050	-1.6369	25.0
Isophorone	0.736	0.742	0.050	0.8797	25.0
2-Nitrophenol	0.183	0.191	0.050	4.241	25.0
2,4-Dimethylphenol	0.377	0.375	0.050	-0.7371	25.0
Bis(2-Chloroethoxy)methane	0.453	0.445	0.050	-1.722	20.0
2,4-Dichlorophenol	0.313	0.317	0.060	1.5202	20.0
Naphthalene	1.094	1.092	0.200	-0.1712	20.0
4-Chloroaniline	0.461	0.449	0.010	-2.4528	40.0
Hexachlorobutadiene	0.201	0.202	0.040	0.8877	30.0
Caprolactam	0.124	0.116	0.010	-6.8244	40.0
4-Chloro-3-methylphenol	0.368	0.365	0.040	-0.7068	25.0
1-Methylnaphthalene	0.763	0.761	0.100	-0.1889	20.0
2-Methylnaphthalene	0.754	0.740	0.100	-1.8247	20.0
Hexachlorocyclopentadiene	0.355	0.342	0.010	-3.833	40.0
2,4,6-Trichlorophenol	0.383	0.387	0.090	1.1175	25.0
2,4,5-Trichlorophenol	0.420	0.421	0.100	0.2321	25.0
1,1-Biphenyl	1.508	1.469	0.200	-2.5447	20.0
2-Chloronaphthalene	1.175	1.134	0.300	-3.4912	20.0
2-Nitroaniline	0.380	0.379	0.050	-0.1526	40.0
Dimethylphthalate	1.523	1.501	0.300	-1.4551	20.0
2,6-Dinitrotoluene	0.300	0.303	0.080	0.8569	30.0
Acenaphthylene	1.840	1.825	0.400	-0.8129	20.0
3-Nitroaniline	0.331	0.349	0.010	5.4185	40.0
Acenaphthene	1.314	1.292	0.200	-1.6089	20.0
2,4-Dinitrophenol	0.176	0.193	0.010	9.2581	40.0
4-Nitrophenol	0.261	0.254	0.010	-2.5597	40.0
Dibenzofuran	1.796	1.772	0.300	-1.372	20.0

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Instrument ID: BNA_N Calibration Date/Time: 9/12/2024 11:51

Lab File ID: BN033878.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020316 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.478	0.070	5.6205	30.0
Diethylphthalate	1.592	1.616	0.300	1.4911	20.0
Fluorene	1.469	1.448	0.200	-1.4745	20.0
4-Chlorophenyl-phenylether	0.712	0.702	0.100	-1.4334	20.0
4-Nitroaniline	0.341	0.373	0.010	9.4878	40.0
4,6-Dinitro-2-methylphenol	0.132	0.131	0.010	-0.854	40.0
N-Nitrosodiphenylamine	0.599	0.584	0.050	-2.4927	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.567	0.100	-1.7174	20.0
4-Bromophenyl-phenylether	0.203	0.202	0.070	-0.6346	20.0
Hexachlorobenzene	0.236	0.231	0.050	-2.1089	25.0
Atrazine	0.217	0.222	0.010	2.0184	25.0
Pentachlorophenol	0.157	0.169	0.010	7.8228	40.0
Phenanthrene	1.103	1.054	0.200	-4.4528	20.0
Pentachlorobenzene	0.283	0.271	0.050	-4.2233	20.0
Anthracene	1.126	1.101	0.200	-2.2096	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.263	0.050	-5.3944	20.0
Carbazole	1.036	1.030	0.050	-0.6382	40.0
Di-n-butylphthalate	1.318	1.372	0.500	4.1045	25.0
Fluoranthene	1.303	1.302	0.400	-0.0677	25.0
Pyrene	1.400	1.390	0.400	-0.7802	25.0
Butylbenzylphthalate	0.628	0.658	0.100	4.7637	40.0
3,3-Dichlorobenzidine	0.449	0.451	0.010	0.402	40.0
Benzo (a) anthracene	1.426	1.410	0.300	-1.1388	30.0
Chrysene	1.361	1.296	0.200	-4.7507	30.0
Bis(2-ethylhexyl)phthalate	0.919	1.022	0.200	11.1654	40.0
Di-n-octyl phthalate	1.331	1.458	0.010	9.5603	40.0
Benzo (b) fluoranthene	1.219	1.172	0.200	-3.895	25.0
Benzo (k) fluoranthene	1.203	1.212	0.200	0.7484	25.0
Benzo (a) pyrene	1.152	1.145	0.200	-0.6105	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.455	0.200	1.9496	25.0
Dibenzo (a,h) anthracene	1.154	1.185	0.200	2.7098	30.0
Benzo (g,h,i) perylene	1.108	1.111	0.200	0.2397	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.376	0.040	7.6627	20.0
1,4-Dioxane-d8	0.490	0.480	0.010	-2.083	25.0
Pyridine-d5	1.457	1.440	0.010	-1.1236	40.0
Phenol-d5	1.775	1.714	0.010	-3.4227	25.0
Bis- (2-Chloroethyl) ether-d8	1.101	1.040	0.050	-5.5548	25.0
2-Chlorophenol-d4	1.397	1.404	0.200	0.4959	20.0
4-Methylphenol-d8	1.461	1.376	0.010	-5.7959	20.0

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Instrument ID: BNA_N Calibration Date/Time: 9/12/2024 11:51

Lab File ID: BN033878.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020316 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.163	0.050	2.3943	20.0
2-Nitrophenol-d4	0.164	0.178	0.050	8.8286	30.0
2,4-Dichlorophenol-d3	0.309	0.312	0.060	1.097	20.0
4-Chloroaniline-d4	0.467	0.458	0.010	-2.1112	40.0
Dimethylphthalate-d6	1.495	1.496	0.300	0.0929	20.0
Acenaphthylene-d8	1.681	1.682	0.400	0.0093	20.0
4-Nitrophenol-d4	0.307	0.308	0.010	0.2675	40.0
Fluorene-d10	1.267	1.252	0.100	-1.1733	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.121	0.010	1.1471	40.0
Anthracene-d10	0.940	0.927	0.300	-1.4335	20.0
Pyrene-d10	1.114	1.111	0.300	-0.2789	25.0
Benzo(a)pyrene-d12	1.027	1.023	0.010	-0.4649	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091224 SAS No.: BN091224 SDG No.: BN091224

Instrument ID: BNA_N Calibration Date/Time: 9/12/2024 1:19:28

Lab File ID: BN033887.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020317 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.552	0.010	6.7557	50.0
Benzaldehyde	0.937	1.086	0.010	15.9195	50.0
Pyridine	1.491	1.473	0.010	-1.1658	50.0
Phenol	1.848	1.695	0.080	-8.2823	50.0
Bis(2-Chloroethyl)ether	1.436	1.342	0.100	-6.5658	50.0
2-Chlorophenol	1.432	1.409	0.200	-1.5992	50.0
2-Methylphenol	1.381	1.244	0.010	-9.929	50.0
2,2-oxybis(1-Chloropropane)	2.118	1.986	0.010	-6.2256	50.0
Acetophenone	2.314	2.102	0.060	-9.1322	50.0
4-Methylphenol	1.537	1.390	0.010	-9.5712	50.0
N-Nitroso-di-n-propylamine	1.146	1.040	0.050	-9.1951	50.0
Hexachloroethane	0.604	0.604	0.100	0.0495	50.0
Nitrobenzene	0.399	0.395	0.050	-0.9923	50.0
Isophorone	0.736	0.702	0.050	-4.6165	50.0
2-Nitrophenol	0.183	0.183	0.050	-0.1968	50.0
2,4-Dimethylphenol	0.377	0.375	0.050	-0.776	50.0
Bis(2-Chloroethoxy)methane	0.453	0.429	0.050	-5.1774	50.0
2,4-Dichlorophenol	0.313	0.310	0.060	-0.8922	50.0
Naphthalene	1.094	1.081	0.200	-1.2153	50.0
4-Chloroaniline	0.461	0.433	0.010	-6.0929	50.0
Hexachlorobutadiene	0.201	0.210	0.040	4.7409	50.0
Caprolactam	0.124	0.099	0.010	-20.3283	50.0
4-Chloro-3-methylphenol	0.368	0.342	0.040	-7.0917	50.0
1-Methylnaphthalene	0.763	0.728	0.100	-4.5978	50.0
2-Methylnaphthalene	0.754	0.731	0.100	-3.0357	50.0
Hexachlorocyclopentadiene	0.355	0.348	0.010	-2.0175	50.0
2,4,6-Trichlorophenol	0.383	0.381	0.090	-0.5832	50.0
2,4,5-Trichlorophenol	0.420	0.427	0.100	1.6252	50.0
1,1-Biphenyl	1.508	1.467	0.200	-2.7302	50.0
2-Chloronaphthalene	1.175	1.166	0.300	-0.7474	50.0
2-Nitroaniline	0.380	0.364	0.050	-4.2054	50.0
Dimethylphthalate	1.523	1.479	0.300	-2.9249	50.0
2,6-Dinitrotoluene	0.300	0.288	0.080	-3.9762	50.0
Acenaphthylene	1.840	1.794	0.400	-2.4751	50.0
3-Nitroaniline	0.331	0.327	0.010	-1.4189	50.0
Acenaphthene	1.314	1.280	0.200	-2.5426	50.0
2,4-Dinitrophenol	0.176	0.151	0.010	-14.2102	50.0
4-Nitrophenol	0.261	0.244	0.010	-6.1738	50.0
Dibenzofuran	1.796	1.729	0.300	-3.7652	50.0

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EPA Sample No.: SSTD020317 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.438	0.070	-3.1497	50.0
Diethylphthalate	1.592	1.533	0.300	-3.6969	50.0
Fluorene	1.469	1.420	0.200	-3.363	50.0
4-Chlorophenyl-phenylether	0.712	0.696	0.100	-2.3061	50.0
4-Nitroaniline	0.341	0.357	0.010	4.7455	50.0
4,6-Dinitro-2-methylphenol	0.132	0.122	0.010	-7.7021	50.0
N-Nitrosodiphenylamine	0.599	0.588	0.050	-1.8456	50.0
1,2,4,5-Tetrachlorobenzene	0.577	0.584	0.100	1.2225	50.0
4-Bromophenyl-phenylether	0.203	0.203	0.070	-0.0541	50.0
Hexachlorobenzene	0.236	0.237	0.050	0.4588	50.0
Atrazine	0.217	0.221	0.010	1.7552	50.0
Pentachlorophenol	0.157	0.151	0.010	-3.893	50.0
Phenanthrene	1.103	1.087	0.200	-1.4481	50.0
Pentachlorobenzene	0.283	0.279	0.050	-1.6084	50.0
Anthracene	1.126	1.117	0.200	-0.7815	50.0
1,2,3,4-Tetrachlorobenzene	0.278	0.283	0.050	1.517	50.0
Carbazole	1.036	1.029	0.050	-0.6687	50.0
Di-n-butylphthalate	1.318	1.290	0.500	-2.0804	50.0
Fluoranthene	1.303	1.262	0.400	-3.0979	50.0
Pyrene	1.400	1.375	0.400	-1.7956	50.0
Butylbenzylphthalate	0.628	0.603	0.100	-4.0555	50.0
3,3-Dichlorobenzidine	0.449	0.451	0.010	0.4216	50.0
Benzo (a) anthracene	1.426	1.429	0.300	0.1988	50.0
Chrysene	1.361	1.311	0.200	-3.6787	50.0
Bis(2-ethylhexyl)phthalate	0.919	0.919	0.200	-0.0052	50.0
Di-n-octyl phthalate	1.331	1.302	0.010	-2.1603	50.0
Benzo (b) fluoranthene	1.219	1.191	0.200	-2.2893	50.0
Benzo (k) fluoranthene	1.203	1.226	0.200	1.891	50.0
Benzo (a) pyrene	1.152	1.140	0.200	-1.0018	50.0
Indeno (1,2,3-cd) pyrene	1.427	1.440	0.200	0.8724	50.0
Dibenzo (a,h) anthracene	1.154	1.167	0.200	1.1524	50.0
Benzo (g,h,i) perylene	1.108	1.091	0.200	-1.5268	50.0
2,3,4,6-Tetrachlorophenol	0.349	0.350	0.040	0.3992	50.0
1,4-Dioxane-d8	0.490	0.529	0.010	7.8443	50.0
Pyridine-d5	1.457	1.415	0.010	-2.8794	50.0
Phenol-d5	1.775	1.632	0.010	-8.0507	50.0
Bis- (2-Chloroethyl) ether-d8	1.101	1.033	0.050	-6.1619	50.0
2-Chlorophenol-d4	1.397	1.364	0.200	-2.3558	50.0
4-Methylphenol-d8	1.461	1.299	0.010	-11.0354	50.0

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Lab File ID: BN033887.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020317 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.159	0.050	-0.5121	50.0
2-Nitrophenol-d4	0.164	0.166	0.050	1.1252	50.0
2,4-Dichlorophenol-d3	0.309	0.301	0.060	-2.5803	50.0
4-Chloroaniline-d4	0.467	0.439	0.010	-6.1737	50.0
Dimethylphthalate-d6	1.495	1.446	0.300	-3.2576	50.0
Acenaphthylene-d8	1.681	1.663	0.400	-1.0964	50.0
4-Nitrophenol-d4	0.307	0.278	0.010	-9.3174	50.0
Fluorene-d10	1.267	1.235	0.100	-2.5247	50.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.107	0.010	-10.4207	50.0
Anthracene-d10	0.940	0.928	0.300	-1.2613	50.0
Pyrene-d10	1.114	1.084	0.300	-2.6917	50.0
Benzo(a)pyrene-d12	1.027	1.035	0.010	0.7159	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BN091224
Lab Sample ID:	PB163242BL	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
BN033879.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

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

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BN091224
Lab Sample ID:	PB163242BL	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
BN033879.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

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

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BN091224
Lab Sample ID:	PB163242BL	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
BN033879.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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	6.223		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	25.994		20-120		65	SPK: -40
4165-62-2	Phenol-d5	26.347		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.671		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.405		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.286		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.707		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.393		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.168		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.279		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.635		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.031		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.716		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	29.276		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BN091224
Lab Sample ID:	PB163242BL	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
BN033879.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.921		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	29.672		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	29.449		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.426		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159769	7.493				
1146-65-2	Naphthalene-d8	657516	10.251				
15067-26-2	Acenaphthene-d10	419000	14.139				
1517-22-2	Phenanthrene-d10	925044	16.892				
1719-03-5	Chrysene-d12	957077	21.127				
1520-96-3	Perylene-d12	1080494	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	8.2	J			17.822	
000057-11-4	Octadecanoic acid	3.5	J			19.116	
	(DEL) Alkane: Straight-Chain23.168	2.3	J			23.168	
	(DEL) Alkane: Straight-Chain23.974	3.3	J			23.974	
	(DEL) Alkane: Straight-Chain24.921	3.9	J			24.921	
	(DEL) Alkane: Straight-Chain26.056	4.1	J			26.056	
E966796	Total Alkanes	14				99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BN091224
Lab Sample ID:	P3391-02	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
BN033880.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	5.5	J	1.4	5	10	ug/L
110-86-1	Pyridine	4.6	J	0.85	10	10	ug/L
108-95-2	Phenol	4.4	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.7	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	4.7	J	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	4	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.7	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.5	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	4	J	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.6	J	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	4.7	J	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	4.7	J	1.3	2.5	5	ug/L
78-59-1	Isophorone	4.4	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.6	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.8	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.5	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.5	J	1.4	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.9	J	1.1	2.5	5	ug/L
105-60-2	Caprolactam	6.2	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.1	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.6	J	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.6	J	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.7	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.4	J	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.2	J	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BN091224
Lab Sample ID:	P3391-02	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
BN033880.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.7	J	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.8	J	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.1	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.8	J	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.3	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	5		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.9	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	4.7	J	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	6.7	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	4.6	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.7	J	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.5	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	4.9	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.9	J	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	J	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.9	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.4	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.4	J	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.6	J	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.6	J	1.9	2.5	5	ug/L
1912-24-9	Atrazine	4.9	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	7.2	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	4.8	J	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.6	J	1.3	2.5	5	ug/L
120-12-7	Anthracene	4.2	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.4	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	4.5	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.8	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.7	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BN091224
Lab Sample ID:	P3391-02	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
BN033880.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.6	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.5	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.6	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.7	J	1.5	2.5	5	ug/L
218-01-9	Chrysene	4.6	J	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.6	J	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.9	J	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.9	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	5		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	5		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.9	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.1		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.6	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.031		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	23.119		20-120		58	SPK: -40
4165-62-2	Phenol-d5	22.655		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.477		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.04		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.991		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.549		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.18		20-130		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.815		20-120		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.057		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.256		25-130		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.026		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.167		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.472		25-125		59	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BN091224
Lab Sample ID:	P3391-02	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
BN033880.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.014		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	19.373		25-130		48	SPK: -40
1718-52-1	Pyrene-d10	22.073		15-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.84		20-130		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168208	7.493				
1146-65-2	Naphthalene-d8	722024	10.251				
15067-26-2	Acenaphthene-d10	456605	14.139				
1517-22-2	Phenanthrene-d10	1004415	16.892				
1719-03-5	Chrysene-d12	1011696	21.133				
1520-96-3	Perylene-d12	1070608	23.91				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033881.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	74.8	760	ug/Kg
100-52-7	Benzaldehyde	540	U	540	940	3700	ug/Kg
110-86-1	Pyridine	140	U	140	1900	3700	ug/Kg
108-95-2	Phenol	510	U	510	940	3700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	400	U	400	940	3700	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	480	1900	ug/Kg
95-48-7	2-Methylphenol	440	U	440	940	3700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	330	940	3700	ug/Kg
98-86-2	Acetophenone	670	U	670	940	3700	ug/Kg
106-44-5	4-Methylphenol	460	U	460	940	3700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	420	U	420	480	1900	ug/Kg
67-72-1	Hexachloroethane	180	U	180	480	1900	ug/Kg
98-95-3	Nitrobenzene	310	U	310	480	1900	ug/Kg
78-59-1	Isophorone	410	U	410	480	1900	ug/Kg
88-75-5	2-Nitrophenol	340	U	340	480	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	480	1900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	350	U	350	480	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	390	U	390	480	1900	ug/Kg
91-20-3	Naphthalene	370	U	370	480	1900	ug/Kg
106-47-8	4-Chloroaniline	500	U	500	480	3700	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	480	1900	ug/Kg
105-60-2	Caprolactam	450	U	450	940	3700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	410	480	1900	ug/Kg
90-12-0	1-Methylnaphthalene	220	U	220	480	1900	ug/Kg
91-57-6	2-Methylnaphthalene	420	U	420	480	1900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	940	3700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	690	JD	570	480	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	560	U	560	480	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033881.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	520	U	520	480	1900	ug/Kg
91-58-7	2-Chloronaphthalene	500	U	500	480	1900	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	480	1900	ug/Kg
131-11-3	Dimethylphthalate	430	U	430	480	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	480	1900	ug/Kg
208-96-8	Acenaphthylene	520	U	520	480	1900	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	940	3700	ug/Kg
83-32-9	Acenaphthene	570	U	570	480	1900	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	940	3700	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	940	3700	ug/Kg
132-64-9	Dibenzofuran	450	U	450	480	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	480	1900	ug/Kg
84-66-2	Diethylphthalate	460	U	460	480	1900	ug/Kg
86-73-7	Fluorene	660	U	660	480	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	480	1900	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	940	3700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	440	U	440	940	3700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	510	U	510	480	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	480	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	480	1900	ug/Kg
118-74-1	Hexachlorobenzene	570	U	570	480	1900	ug/Kg
1912-24-9	Atrazine	120	U	120	940	3700	ug/Kg
87-86-5	Pentachlorophenol	120000	ED	430	940	3700	ug/Kg
85-01-8	Phenanthrene	600	U	600	480	1900	ug/Kg
608-93-5	Pentachlorobenzene	410	U	410	480	1900	ug/Kg
120-12-7	Anthracene	530	U	530	480	1900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	480	1900	ug/Kg
86-74-8	Carbazole	690	U	690	940	3700	ug/Kg
84-74-2	Di-n-butylphthalate	650	U	650	480	1900	ug/Kg
206-44-0	Fluoranthene	510	U	510	940	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033881.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520	U	520	480	1900	ug/Kg
85-68-7	Butylbenzylphthalate	490	U	490	480	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	940	3700	ug/Kg
56-55-3	Benzo(a)anthracene	440	U	440	480	1900	ug/Kg
218-01-9	Chrysene	520	U	520	480	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	490	U	490	480	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	490	U	490	940	3700	ug/Kg
205-99-2	Benzo(b)fluoranthene	540	U	540	480	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	660	U	660	480	1900	ug/Kg
50-32-8	Benzo(a)pyrene	650	U	650	480	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	480	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	590	U	590	480	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520	U	520	480	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5000	D	590	480	1900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.92		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	15.4		20-120		38	SPK: -40
4165-62-2	Phenol-d5	16.48		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.55		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.27		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.19		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	16.04		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.03		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.85		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.81		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.93		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.19		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.15		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	21.04		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033881.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	20.99		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.44		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.6		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139029	7.493				
1146-65-2	Naphthalene-d8	595941	10.252				
15067-26-2	Acenaphthene-d10	381249	14.14				
1517-22-2	Phenanthrene-d10	833781	16.892				
1719-03-5	Chrysene-d12	837370	21.127				
1520-96-3	Perylene-d12	962468	23.91				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain8.722	810	JD			8.722	
1000406-38-6	Hexadecyl octyl ether	1700	JD			14.069	
	(DEL) Alkane: Straight-Chain15.028	1300	JD			15.028	
	(DEL) Alkane: Straight-Chain15.898	1100	JD			15.898	
000319-84-6	.alpha.-Lindane	860	JD			16.645	
	(DEL) Alkane: Straight-Chain16.686	1500	JD			16.686	
	(DEL) Alkane: Straight-Chain16.739	1000	JD			16.739	
	(DEL) Alkane: Straight-Chain17.428	2000	JD			17.428	
000057-10-3	n-Hexadecanoic acid	1800	JD			17.822	
	(DEL) Alkane: Straight-Chain18.122	2300	JD			18.122	
	(DEL) Alkane: Straight-Chain18.381	790	JD			18.381	
	(DEL) Alkane: Straight-Chain18.592	1400	JD			18.592	
	(DEL) Alkane: Cyclic18.698	770	JD			18.698	
	(DEL) Alkane: Straight-Chain18.763	1800	JD			18.763	
	(DEL) Alkane: Straight-Chain18.933	1000	JD			18.933	
000057-11-4	Octadecanoic acid	1200	JD			19.116	
035599-77-0	Tridecane, 1-iodo-	990	JD			19.351	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033881.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain19.528	860	JD			19.528	
	(DEL) Alkane: Straight-Chain19.892	1200	JD			19.892	
	(DEL) Alkane: Straight-Chain20.392	840	JD			20.392	
	(DEL) Alkane: Straight-Chain21.886	1200	JD			21.886	
	(DEL) Alkane: Straight-Chain22.480	1000	JD			22.48	
003268-87-9	Octachlorodibenzo-p-dioxin	4800	JD			26.068	
E966796	Total Alkanes	21000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC05DL	SDG No.:	BN091224
Lab Sample ID:	P3878-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033882.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	82.6	830	ug/Kg
100-52-7	Benzaldehyde	600	U	600	1000	4100	ug/Kg
110-86-1	Pyridine	150	U	150	2100	4100	ug/Kg
108-95-2	Phenol	560	U	560	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	440	U	440	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	530	2100	ug/Kg
95-48-7	2-Methylphenol	490	U	490	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	360	1000	4100	ug/Kg
98-86-2	Acetophenone	740	U	740	1000	4100	ug/Kg
106-44-5	4-Methylphenol	510	U	510	1000	4100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	460	U	460	530	2100	ug/Kg
67-72-1	Hexachloroethane	200	U	200	530	2100	ug/Kg
98-95-3	Nitrobenzene	340	U	340	530	2100	ug/Kg
78-59-1	Isophorone	450	U	450	530	2100	ug/Kg
88-75-5	2-Nitrophenol	380	U	380	530	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	530	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	390	U	390	530	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	530	2100	ug/Kg
91-20-3	Naphthalene	1700	JD	410	530	2100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	530	4100	ug/Kg
87-68-3	Hexachlorobutadiene	330	U	330	530	2100	ug/Kg
105-60-2	Caprolactam	500	U	500	1000	4100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	450	530	2100	ug/Kg
90-12-0	1-Methylnaphthalene	2200	D	240	530	2100	ug/Kg
91-57-6	2-Methylnaphthalene	3800	D	460	530	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	630	U	630	530	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	610	U	610	530	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC05DL	SDG No.:	BN091224
Lab Sample ID:	P3878-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BN033882.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	580	U	580	530	2100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	530	2100	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	530	2100	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	530	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	330	U	330	530	2100	ug/Kg
208-96-8	Acenaphthylene	580	U	580	530	2100	ug/Kg
99-09-2	3-Nitroaniline	180	U	180	1000	4100	ug/Kg
83-32-9	Acenaphthene	630	U	630	530	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	400	1000	4100	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	1000	4100	ug/Kg
132-64-9	Dibenzofuran	500	U	500	530	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	530	2100	ug/Kg
84-66-2	Diethylphthalate	510	U	510	530	2100	ug/Kg
86-73-7	Fluorene	730	U	730	530	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	600	U	600	530	2100	ug/Kg
100-01-6	4-Nitroaniline	200	U	200	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	490	U	490	1000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	560	U	560	530	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	530	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	U	1200	530	2100	ug/Kg
118-74-1	Hexachlorobenzene	630	U	630	530	2100	ug/Kg
1912-24-9	Atrazine	140	U	140	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	280000	ED	480	1000	4100	ug/Kg
85-01-8	Phenanthrene	730	JD	660	530	2100	ug/Kg
608-93-5	Pentachlorobenzene	450	U	450	530	2100	ug/Kg
120-12-7	Anthracene	590	U	590	530	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	530	2100	ug/Kg
86-74-8	Carbazole	760	U	760	1000	4100	ug/Kg
84-74-2	Di-n-butylphthalate	710	U	710	530	2100	ug/Kg
206-44-0	Fluoranthene	560	U	560	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC05DL	SDG No.:	BN091224
Lab Sample ID:	P3878-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BN033882.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	580	U	580	530	2100	ug/Kg
85-68-7	Butylbenzylphthalate	540	U	540	530	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	530	2100	ug/Kg
218-01-9	Chrysene	580	U	580	530	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540	U	540	530	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	540	U	540	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	600	U	600	530	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	730	U	730	530	2100	ug/Kg
50-32-8	Benzo(a)pyrene	710	U	710	530	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560	U	560	530	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	650	U	650	530	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	580	U	580	530	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	22000	D	650	530	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	18.26		20-120		46	SPK: -40
4165-62-2	Phenol-d5	25.7		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.57		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.1		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.72		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.78		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.04		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.23		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.34		1-145		91	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.15		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.52		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.72		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	27.54		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC05DL	SDG No.:	BN091224
Lab Sample ID:	P3878-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033882.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	28.01		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	27.93		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.54		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146512	7.493				
1146-65-2	Naphthalene-d8	624193	10.251				
15067-26-2	Acenaphthene-d10	409350	14.139				
1517-22-2	Phenanthrene-d10	870380	16.898				
1719-03-5	Chrysene-d12	840614	21.127				
1520-96-3	Perylene-d12	965611	23.903				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.563	7400	JD			5.563	
	(DEL) Alkane: Straight-Chain6.022	2600	JD			6.022	
	(DEL) Alkane: Straight-Chain6.087	2600	JD			6.087	
	(DEL) Alkane: Cyclic6.163	2800	JD			6.163	
	(DEL) Alkane: Straight-Chain6.481	2400	JD			6.481	
	(DEL) Alkane: Straight-Chain6.516	3500	JD			6.516	
	(DEL) Alkane: Straight-Chain6.569	4600	JD			6.569	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3400	JD			6.604	
000622-96-8	Benzene, 1-ethyl-4-methyl-	3400	JD			6.893	
019549-80-5	2-Heptanone, 4,6-dimethyl-	3800	JD			6.94	
	(DEL) Alkane: Straight-Chain7.140	30000	JD			7.14	
000104-76-7	1-Hexanol, 2-ethyl-	11000	JD			7.575	
	unknown-01	7500	JD			7.722	
	(DEL) Alkane: Cyclic7.775	4600	JD			7.775	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	3200	JD			7.922	
000135-01-3	Benzene, 1,2-diethyl-	2200	JD			7.981	
001074-43-7	Benzene, 1-methyl-3-propyl-	6700	JD			8.034	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC05DL	SDG No.:	BN091224
Lab Sample ID:	P3878-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033882.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.093	3300	JD			8.093	
000105-05-5	Benzene, 1,4-diethyl-	3600	JD			8.128	
	(DEL) Alkane: Straight-Chain8.263	5400	JD			8.263	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2400	JD			8.44	
000527-84-4	o-Cymene	2800	JD			8.487	
	(DEL) Alkane: Straight-Chain8.722	22000	JD			8.722	
	unknown-02	7600	JD			8.828	
	(DEL) Alkane: Straight-Chain9.563	1700	JD			9.563	
	(DEL) Alkane: Straight-Chain9.634	910	JD			9.634	
	(DEL) Alkane: Cyclic10.651	3500	JD			10.651	
	(DEL) Alkane: Straight-Chain10.781	2000	JD			10.781	
	(DEL) Alkane: Straight-Chain11.192	920	JD			11.192	
000590-67-0	Cyclohexanol, 1-methyl-	2200	JD			11.304	
	(DEL) Alkane: Cyclic11.545	2500	JD			11.545	
	(DEL) Alkane: Straight-Chain11.710	3300	JD			11.71	
000097-87-0	Propanoic acid, 2-methyl-, butyl e	3000	JD			12.551	
	(DEL) Alkane: Straight-Chain12.686	2500	JD			12.686	
000109-21-7	Butanoic acid, butyl ester	3000	JD			12.892	
	(DEL) Alkane: Straight-Chain12.980	9500	JD			12.98	
000097-85-8	Propanoic acid, 2-methyl-, 2-methy	2200	JD			13.104	
000581-42-0	Naphthalene, 2,6-dimethyl-	2700	JD			13.292	
	unknown-03	4500	JD			13.416	
000575-43-9	Naphthalene, 1,6-dimethyl-	3000	JD			13.451	
	(DEL) Alkane: Straight-Chain13.651	5700	JD			13.651	
000581-40-8	Naphthalene, 2,3-dimethyl-	1900	JD			13.692	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	2000	JD			13.928	
	(DEL) Alkane: Straight-Chain14.069	8000	JD			14.069	
	unknown-04	2700	JD			14.245	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2700	JD			14.539	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	2300	JD			14.622	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC05DL	SDG No.:	BN091224
Lab Sample ID:	P3878-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BN033882.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain14.692	3100	JD			14.692	
	(DEL) Alkane: Straight-Chain15.028	8200	JD			15.028	
	(DEL) Alkane: Straight-Chain15.439	4000	JD			15.439	
	(DEL) Alkane: Straight-Chain15.898	9500	JD			15.898	
	(DEL) Alkane: Straight-Chain15.922	4300	JD			15.922	
	(DEL) Alkane: Straight-Chain16.692	7500	JD			16.692	
	(DEL) Alkane: Straight-Chain16.739	4400	JD			16.739	
	(DEL) Alkane: Straight-Chain17.427	6300	JD			17.427	
000112-39-0	Hexadecanoic acid, methyl ester	5800	JD			17.598	
000057-10-3	n-Hexadecanoic acid	2800	JD			17.821	
	(DEL) Alkane: Straight-Chain18.121	5100	JD			18.121	
	(DEL) Alkane: Straight-Chain18.763	5300	JD			18.763	
000112-61-8	Methyl stearate	1900	JD			18.921	
	(DEL) Alkane: Straight-Chain19.351	2100	JD			19.351	
	(DEL) Alkane: Straight-Chain19.892	1800	JD			19.892	
1000383-13-7	Carbonic acid, decyl 2-ethylhexyl	5100	JD			20.863	
	(DEL) Alkane: Straight-Chain21.351	1700	JD			21.351	
1000406-39-0	Octyl tetraacosyl ether	3100	JD			21.768	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	2500	JD			21.886	
E966796	Total Alkanes	200000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC04DL	SDG No.:	BN091224
Lab Sample ID:	P3878-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033883.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	77.7	780	ug/Kg
100-52-7	Benzaldehyde	560	U	560	970	3900	ug/Kg
110-86-1	Pyridine	140	U	140	1900	3900	ug/Kg
108-95-2	Phenol	530	U	530	970	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	410	U	410	970	3900	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	500	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	970	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	970	3900	ug/Kg
98-86-2	Acetophenone	690	U	690	970	3900	ug/Kg
106-44-5	4-Methylphenol	480	U	480	970	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	440	U	440	500	2000	ug/Kg
67-72-1	Hexachloroethane	190	U	190	500	2000	ug/Kg
98-95-3	Nitrobenzene	320	U	320	500	2000	ug/Kg
78-59-1	Isophorone	420	U	420	500	2000	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	360	U	360	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	400	500	2000	ug/Kg
91-20-3	Naphthalene	1600	JD	390	500	2000	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	310	U	310	500	2000	ug/Kg
105-60-2	Caprolactam	470	U	470	970	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	420	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	2500	D	220	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	4200	D	440	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	970	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	590	U	590	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	580	U	580	500	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC04DL	SDG No.:	BN091224
Lab Sample ID:	P3878-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN033883.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	540	U	540	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	500	2000	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	500	2000	ug/Kg
131-11-3	Dimethylphthalate	450	U	450	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	500	2000	ug/Kg
208-96-8	Acenaphthylene	540	U	540	500	2000	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	970	3900	ug/Kg
83-32-9	Acenaphthene	590	U	590	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	970	3900	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	970	3900	ug/Kg
132-64-9	Dibenzofuran	470	U	470	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	500	2000	ug/Kg
84-66-2	Diethylphthalate	480	U	480	500	2000	ug/Kg
86-73-7	Fluorene	680	U	680	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	500	2000	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	970	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460	U	460	970	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	530	U	530	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	530	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	U	1200	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	590	U	590	500	2000	ug/Kg
1912-24-9	Atrazine	130	U	130	970	3900	ug/Kg
87-86-5	Pentachlorophenol	290000	ED	450	970	3900	ug/Kg
85-01-8	Phenanthrene	940	JD	620	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	420	U	420	500	2000	ug/Kg
120-12-7	Anthracene	550	U	550	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	500	2000	ug/Kg
86-74-8	Carbazole	720	U	720	970	3900	ug/Kg
84-74-2	Di-n-butylphthalate	670	U	670	500	2000	ug/Kg
206-44-0	Fluoranthene	530	U	530	970	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC04DL	SDG No.:	BN091224
Lab Sample ID:	P3878-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN033883.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	540	U	540	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	970	3900	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	500	2000	ug/Kg
218-01-9	Chrysene	540	U	540	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510	U	510	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	510	U	510	970	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	U	560	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	680	U	680	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	670	U	670	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	530	U	530	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610	U	610	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	540	U	540	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	23000	D	610	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	4.14	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	30.99		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.9		10-150		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.48		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	28.78		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	33.73		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.57		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.43		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.74		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.36		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.21		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.78		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	35.25		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC04DL	SDG No.:	BN091224
Lab Sample ID:	P3878-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033883.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	34.99		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	34.9		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.31		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152260	7.493				
1146-65-2	Naphthalene-d8	647084	10.251				
15067-26-2	Acenaphthene-d10	432368	14.139				
1517-22-2	Phenanthrene-d10	932250	16.898				
1719-03-5	Chrysene-d12	914649	21.133				
1520-96-3	Perylene-d12	1052709	23.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	6500	JD			3.805	
	(DEL) Alkane: Straight-Chain5.558	4900	JD			5.558	
000107-41-5	Hexylene glycol	2600	JD			5.858	
	unknown-01	2500	JD			6.034	
	(DEL) Alkane: Straight-Chain6.087	1900	JD			6.087	
	(DEL) Alkane: Cyclic6.158	1900	JD			6.158	
	(DEL) Alkane: Straight-Chain6.481	1900	JD			6.481	
	(DEL) Alkane: Straight-Chain6.510	3200	JD			6.51	
	(DEL) Alkane: Straight-Chain6.569	4200	JD			6.569	
000620-14-4	Benzene, 1-ethyl-3-methyl-	3100	JD			6.599	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3100	JD			6.893	
019549-80-5	2-Heptanone, 4,6-dimethyl-	3600	JD			6.94	
	(DEL) Alkane: Straight-Chain7.140	28000	JD			7.14	
000104-76-7	1-Hexanol, 2-ethyl-	6800	JD			7.569	
000526-73-8	Benzene, 1,2,3-trimethyl-	2700	JD			7.604	
	(DEL) Alkane: Straight-Chain7.693	1700	JD			7.693	
	(DEL) Alkane: Cyclic7.775	4300	JD			7.775	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC04DL	SDG No.:	BN091224
Lab Sample ID:	P3878-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033883.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	4300	JD			7.922	
000135-01-3	Benzene, 1,2-diethyl-	2000	JD			7.975	
001074-55-1	Benzene, 1-methyl-4-propyl-	6600	JD			8.034	
	(DEL) Alkane: Straight-Chain8.087	3200	JD			8.087	
000105-05-5	Benzene, 1,4-diethyl-	3600	JD			8.128	
	(DEL) Alkane: Straight-Chain8.263	5600	JD			8.263	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2500	JD			8.44	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	3000	JD			8.487	
	(DEL) Alkane: Straight-Chain8.722	22000	JD			8.722	
002096-86-8	4-Methylphenyl acetone	4000	JD			8.834	
	(DEL) Alkane: Straight-Chain9.563	1400	JD			9.563	
	(DEL) Alkane: Straight-Chain9.628	840	JD			9.628	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	3600	JD			10.651	
	(DEL) Alkane: Straight-Chain10.781	1700	JD			10.781	
	(DEL) Alkane: Straight-Chain11.193	1200	JD			11.193	
019656-75-8	Diaziridinone, bis(1,1-dimethylpro	2000	JD			11.304	
067760-91-2	2,5-Dimethyl-5-hexen-3-ol	1600	JD			11.546	
	(DEL) Alkane: Straight-Chain11.710	2900	JD			11.71	
	(DEL) Alkane: Straight-Chain12.469	1700	JD			12.469	
	(DEL) Alkane: Straight-Chain12.545	1700	JD			12.545	
	(DEL) Alkane: Straight-Chain12.687	2700	JD			12.687	
	(DEL) Alkane: Straight-Chain12.981	8600	JD			12.981	
000575-43-9	Naphthalene, 1,6-dimethyl-	2600	JD			13.298	
000581-40-8	Naphthalene, 2,3-dimethyl-	3300	JD			13.457	
	(DEL) Alkane: Straight-Chain13.651	3900	JD			13.651	
000575-37-1	Naphthalene, 1,7-dimethyl-	2100	JD			13.692	
	(DEL) Alkane: Straight-Chain14.069	8500	JD			14.069	
	(DEL) Alkane: Straight-Chain14.245	3100	JD			14.245	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2100	JD			14.628	
	(DEL) Alkane: Straight-Chain14.692	2700	JD			14.692	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC04DL	SDG No.:	BN091224
Lab Sample ID:	P3878-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN033883.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	1700	JD			14.945	
	(DEL) Alkane: Straight-Chain15.034	8300	JD			15.034	
013187-99-0	2-Bromo dodecane	4700	JD			15.439	
	(DEL) Alkane: Straight-Chain15.898	12000	JD			15.898	
	unknown-03	2500	JD			16.245	
	(DEL) Alkane: Straight-Chain16.692	9000	JD			16.692	
	(DEL) Alkane: Straight-Chain16.745	5200	JD			16.745	
	(DEL) Alkane: Straight-Chain17.427	7800	JD			17.427	
000112-39-0	Hexadecanoic acid, methyl ester	3900	JD			17.604	
000057-10-3	n-Hexadecanoic acid	4200	JD			17.822	
	(DEL) Alkane: Straight-Chain18.122	6300	JD			18.122	
	(DEL) Alkane: Straight-Chain18.592	2200	JD			18.592	
	(DEL) Alkane: Straight-Chain18.769	8000	JD			18.769	
	(DEL) Alkane: Straight-Chain19.351	2800	JD			19.351	
	(DEL) Alkane: Straight-Chain19.892	2700	JD			19.892	
	(DEL) Alkane: Straight-Chain20.392	2100	JD			20.392	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	9800	JD			20.869	
	(DEL) Alkane: Straight-Chain21.357	2400	JD			21.357	
000112-79-8	9-Octadecenoic acid, (E)-	5500	JD			21.774	
1000383-14-0	Carbonic acid, 2-ethylhexyl tridec	4200	JD			21.892	
E966796	Total Alkanes	190000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC2DL	SDG No.:	BN091224
Lab Sample ID:	P3878-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033884.D	5	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	73	U	73	40	400	ug/Kg
100-52-7	Benzaldehyde	290	U	290	500	2000	ug/Kg
110-86-1	Pyridine	73	U	73	1000	2000	ug/Kg
108-95-2	Phenol	270	U	270	500	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	500	2000	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	260	1000	ug/Kg
95-48-7	2-Methylphenol	240	U	240	500	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	500	2000	ug/Kg
98-86-2	Acetophenone	360	U	360	500	2000	ug/Kg
106-44-5	4-Methylphenol	250	U	250	500	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	220	U	220	260	1000	ug/Kg
67-72-1	Hexachloroethane	97	U	97	260	1000	ug/Kg
98-95-3	Nitrobenzene	160	U	160	260	1000	ug/Kg
78-59-1	Isophorone	220	U	220	260	1000	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	190	U	190	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	210	U	210	260	1000	ug/Kg
91-20-3	Naphthalene	200	U	200	260	1000	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	260	1000	ug/Kg
105-60-2	Caprolactam	240	U	240	500	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	220	U	220	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	500	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	690	JD	300	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	260	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC2DL	SDG No.:	BN091224
Lab Sample ID:	P3878-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN033884.D	5	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	280	U	280	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	260	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	260	1000	ug/Kg
131-11-3	Dimethylphthalate	230	U	230	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	260	1000	ug/Kg
208-96-8	Acenaphthylene	280	U	280	260	1000	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	500	2000	ug/Kg
83-32-9	Acenaphthene	300	U	300	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	500	2000	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	500	2000	ug/Kg
132-64-9	Dibenzofuran	240	U	240	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	260	1000	ug/Kg
84-66-2	Diethylphthalate	250	U	250	260	1000	ug/Kg
86-73-7	Fluorene	350	U	350	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	260	1000	ug/Kg
100-01-6	4-Nitroaniline	97	U	97	500	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	500	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	270	U	270	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	600	U	600	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	260	1000	ug/Kg
1912-24-9	Atrazine	67	U	67	500	2000	ug/Kg
87-86-5	Pentachlorophenol	7600	D	230	500	2000	ug/Kg
85-01-8	Phenanthrene	320	U	320	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	220	U	220	260	1000	ug/Kg
120-12-7	Anthracene	280	U	280	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	260	1000	ug/Kg
86-74-8	Carbazole	370	U	370	500	2000	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	260	1000	ug/Kg
206-44-0	Fluoranthene	270	U	270	500	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC2DL	SDG No.:	BN091224
Lab Sample ID:	P3878-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN033884.D	5	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	280	U	280	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	500	2000	ug/Kg
56-55-3	Benzo(a)anthracene	240	U	240	260	1000	ug/Kg
218-01-9	Chrysene	280	U	280	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	260	U	260	500	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	U	290	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	350	U	350	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	350	U	350	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	270	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310	U	310	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	U	280	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	D	310	260	1000	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	9.94		20-120		25	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.39		15-120		67	SPK: -8
4165-62-2	Phenol-d5	26.315		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.94		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.235		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	27.19		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	23.365		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.19		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.63		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.15		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.915		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	30.625		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.375		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	34.14		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC2DL	SDG No.:	BN091224
Lab Sample ID:	P3878-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN033884.D	5	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.355		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	34.88		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	33.285		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.37		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161260	7.493				
1146-65-2	Naphthalene-d8	656020	10.252				
15067-26-2	Acenaphthene-d10	410219	14.14				
1517-22-2	Phenanthrene-d10	878514	16.892				
1719-03-5	Chrysene-d12	963689	21.127				
1520-96-3	Perylene-d12	1169115	23.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2400	A			4.687	
000107-41-5	Hexylene glycol	3700	JD			5.864	
	(DEL) Alkane: Straight-Chain7.134	600	JD			7.134	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1800	JD			7.916	
	(DEL) Alkane: Straight-Chain8.722	480	JD			8.722	
000057-10-3	n-Hexadecanoic acid	860	JD			17.822	
E966796	Total Alkanes	1100	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC03DL	SDG No.:	BN091224
Lab Sample ID:	P3878-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BN033885.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	85.7	870	ug/Kg
100-52-7	Benzaldehyde	620	U	620	1100	4300	ug/Kg
110-86-1	Pyridine	160	U	160	2100	4300	ug/Kg
108-95-2	Phenol	580	U	580	1100	4300	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	450	U	450	1100	4300	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	550	2200	ug/Kg
95-48-7	2-Methylphenol	510	U	510	1100	4300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	380	U	380	1100	4300	ug/Kg
98-86-2	Acetophenone	770	U	770	1100	4300	ug/Kg
106-44-5	4-Methylphenol	530	U	530	1100	4300	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	480	U	480	550	2200	ug/Kg
67-72-1	Hexachloroethane	210	U	210	550	2200	ug/Kg
98-95-3	Nitrobenzene	350	U	350	550	2200	ug/Kg
78-59-1	Isophorone	470	U	470	550	2200	ug/Kg
88-75-5	2-Nitrophenol	390	U	390	550	2200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	550	2200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	400	U	400	550	2200	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	550	2200	ug/Kg
91-20-3	Naphthalene	430	U	430	550	2200	ug/Kg
106-47-8	4-Chloroaniline	570	U	570	550	4300	ug/Kg
87-68-3	Hexachlorobutadiene	340	U	340	550	2200	ug/Kg
105-60-2	Caprolactam	520	U	520	1100	4300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	470	U	470	550	2200	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	550	2200	ug/Kg
91-57-6	2-Methylnaphthalene	480	U	480	550	2200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	1100	4300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	650	U	650	550	2200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	640	U	640	550	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC03DL	SDG No.:	BN091224
Lab Sample ID:	P3878-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BN033885.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	600	U	600	550	2200	ug/Kg
91-58-7	2-Chloronaphthalene	570	U	570	550	2200	ug/Kg
88-74-4	2-Nitroaniline	290	U	290	550	2200	ug/Kg
131-11-3	Dimethylphthalate	490	U	490	550	2200	ug/Kg
606-20-2	2,6-Dinitrotoluene	340	U	340	550	2200	ug/Kg
208-96-8	Acenaphthylene	600	U	600	550	2200	ug/Kg
99-09-2	3-Nitroaniline	180	U	180	1100	4300	ug/Kg
83-32-9	Acenaphthene	650	U	650	550	2200	ug/Kg
51-28-5	2,4-Dinitrophenol	420	U	420	1100	4300	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	1100	4300	ug/Kg
132-64-9	Dibenzofuran	520	U	520	550	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	170	550	2200	ug/Kg
84-66-2	Diethylphthalate	530	U	530	550	2200	ug/Kg
86-73-7	Fluorene	750	U	750	550	2200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	620	U	620	550	2200	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	1100	4300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	510	U	510	1100	4300	ug/Kg
86-30-6	N-Nitrosodiphenylamine	580	U	580	550	2200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	550	2200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	550	2200	ug/Kg
118-74-1	Hexachlorobenzene	650	U	650	550	2200	ug/Kg
1912-24-9	Atrazine	140	U	140	1100	4300	ug/Kg
87-86-5	Pentachlorophenol	20000	D	490	1100	4300	ug/Kg
85-01-8	Phenanthrene	690	U	690	550	2200	ug/Kg
608-93-5	Pentachlorobenzene	470	U	470	550	2200	ug/Kg
120-12-7	Anthracene	610	U	610	550	2200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	73	U	73	550	2200	ug/Kg
86-74-8	Carbazole	790	U	790	1100	4300	ug/Kg
84-74-2	Di-n-butylphthalate	740	U	740	550	2200	ug/Kg
206-44-0	Fluoranthene	580	U	580	1100	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC03DL	SDG No.:	BN091224
Lab Sample ID:	P3878-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BN033885.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	600	U	600	550	2200	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	550	2200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	1100	4300	ug/Kg
56-55-3	Benzo(a)anthracene	510	U	510	550	2200	ug/Kg
218-01-9	Chrysene	600	U	600	550	2200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	550	2200	ug/Kg
117-84-0	Di-n-octyl phthalate	560	U	560	1100	4300	ug/Kg
205-99-2	Benzo(b)fluoranthene	620	U	620	550	2200	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	750	550	2200	ug/Kg
50-32-8	Benzo(a)pyrene	740	U	740	550	2200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580	U	580	550	2200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	680	U	680	550	2200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600	U	600	550	2200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	JD	680	550	2200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.91		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	5.63	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	21.44		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.24		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.73		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.37		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	23.34		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.89		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.36		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.22		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.05		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	26.41		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.71		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	29.38		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC03DL	SDG No.:	BN091224
Lab Sample ID:	P3878-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BN033885.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.39		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	29.68		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	28.78		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.49		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144637	7.493				
1146-65-2	Naphthalene-d8	572548	10.251				
15067-26-2	Acenaphthene-d10	371721	14.134				
1517-22-2	Phenanthrene-d10	799546	16.892				
1719-03-5	Chrysene-d12	870077	21.127				
1520-96-3	Perylene-d12	1021933	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	1400	JD			3.711	
099210-90-9	(R)-(-)-2-Methyl-2,4-pentanediol	2700	JD			5.858	
	(DEL) Alkane: Straight-Chain7.134	1800	JD			7.134	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1200	JD			7.916	
	(DEL) Alkane: Straight-Chain8.722	1700	JD			8.722	
000057-10-3	n-Hexadecanoic acid	1100	JD			17.816	
000107-52-8	Hexasiloxane, tetradecamethyl-	1000	JD			22.621	
000556-71-8	Cyclononasiloxane, octadecamethyl-	1600	JD			23.51	
	unknown-01	2100	JD			24.598	
E966796	Total Alkanes	3500	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL2	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033886.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	410	U	410	220	2300	ug/Kg
100-52-7	Benzaldehyde	1600	U	1600	2800	11000	ug/Kg
110-86-1	Pyridine	410	U	410	5600	11000	ug/Kg
108-95-2	Phenol	1500	U	1500	2800	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2800	11000	ug/Kg
95-57-8	2-Chlorophenol	750	U	750	1400	5800	ug/Kg
95-48-7	2-Methylphenol	1300	U	1300	2800	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990	U	990	2800	11000	ug/Kg
98-86-2	Acetophenone	2000	U	2000	2800	11000	ug/Kg
106-44-5	4-Methylphenol	1400	U	1400	2800	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300	U	1300	1400	5800	ug/Kg
67-72-1	Hexachloroethane	540	U	540	1400	5800	ug/Kg
98-95-3	Nitrobenzene	920	U	920	1400	5800	ug/Kg
78-59-1	Isophorone	1200	U	1200	1400	5800	ug/Kg
88-75-5	2-Nitrophenol	1000	U	1000	1400	5800	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	1400	5800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1400	5800	ug/Kg
120-83-2	2,4-Dichlorophenol	1200	U	1200	1400	5800	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1400	5800	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	880	U	880	1400	5800	ug/Kg
105-60-2	Caprolactam	1400	U	1400	2800	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1400	5800	ug/Kg
90-12-0	1-Methylnaphthalene	650	U	650	1400	5800	ug/Kg
91-57-6	2-Methylnaphthalene	1300	U	1300	1400	5800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650	U	650	2800	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700	U	1700	1400	5800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	1400	5800	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL2	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033886.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	U	1600	1400	5800	ug/Kg
91-58-7	2-Chloronaphthalene	1500	U	1500	1400	5800	ug/Kg
88-74-4	2-Nitroaniline	750	U	750	1400	5800	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1400	5800	ug/Kg
606-20-2	2,6-Dinitrotoluene	880	U	880	1400	5800	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1400	5800	ug/Kg
99-09-2	3-Nitroaniline	480	U	480	2800	11000	ug/Kg
83-32-9	Acenaphthene	1700	U	1700	1400	5800	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	U	1100	2800	11000	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	2800	11000	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1400	5800	ug/Kg
121-14-2	2,4-Dinitrotoluene	440	U	440	1400	5800	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	1400	5800	ug/Kg
86-73-7	Fluorene	2000	U	2000	1400	5800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1400	5800	ug/Kg
100-01-6	4-Nitroaniline	540	U	540	2800	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	1300	2800	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1400	5800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	1400	5800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3400	U	3400	1400	5800	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	1400	5800	ug/Kg
1912-24-9	Atrazine	370	U	370	2800	11000	ug/Kg
87-86-5	Pentachlorophenol	120000	D	1300	2800	11000	ug/Kg
85-01-8	Phenanthrene	1800	U	1800	1400	5800	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	1400	5800	ug/Kg
120-12-7	Anthracene	1600	U	1600	1400	5800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	1400	5800	ug/Kg
86-74-8	Carbazole	2100	U	2100	2800	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1900	U	1900	1400	5800	ug/Kg
206-44-0	Fluoranthene	1500	U	1500	2800	5800	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL2	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033886.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1400	5800	ug/Kg
85-68-7	Butylbenzylphthalate	1500	U	1500	1400	5800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850	U	850	2800	11000	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1400	5800	ug/Kg
218-01-9	Chrysene	1600	U	1600	1400	5800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1400	5800	ug/Kg
117-84-0	Di-n-octyl phthalate	1500	U	1500	2800	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1400	5800	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000	U	2000	1400	5800	ug/Kg
50-32-8	Benzo(a)pyrene	1900	U	1900	1400	5800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	U	1500	1400	5800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800	U	1800	1400	5800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600	U	1600	1400	5800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4400	JD	1800	1400	5800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	15.6		20-120		39	SPK: -40
4165-62-2	Phenol-d5	14.64		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.46		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.11		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	13.32		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	16.23		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.13		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.25		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.19		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.9		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	17.88		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.92		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	21.12		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC0DL2	SDG No.:	BN091224
Lab Sample ID:	P3878-17DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN033886.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	22.11		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	20.88		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.73		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149811	7.493				
1146-65-2	Naphthalene-d8	600497	10.251				
15067-26-2	Acenaphthene-d10	384290	14.139				
1517-22-2	Phenanthrene-d10	825187	16.892				
1719-03-5	Chrysene-d12	934651	21.127				
1520-96-3	Perylene-d12	1125186	23.91				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	18.122					
003268-87-9	Octachlorodibenzo-p-dioxin	4700	JD			18.122	
E966796	Total Alkanes	2400	D			26.062	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT3-2024-06							
P3391-02	MDL-WATER-QT3-2024 Water	Total Alkanes	*	0.000	1.9	5	ug/L
		Total Tics :			0.00		
P3391-02	MDL-WATER-QT3-2024 Water	1,1-Biphenyl	4.700	J	1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,2,3,4-Tetrachlorobenzene	4.400	J	0.75	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,2,4,5-Tetrachlorobenzene	4.800	J	1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,4-Dioxane	1.100	J	0.31	2	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1-Methylnaphthalene	4.600	J	0.97	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,2-oxybis(1-Chloropropane)	4.700	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,3,4,6-Tetrachlorophenol	4.600	J	1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4,5-Trichlorophenol	4.200	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4,6-Trichlorophenol	4.400	J	1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dichlorophenol	4.500	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dimethylphenol	1.800	J	0.72	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dinitrophenol	6.700	J	1.9	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dinitrotoluene	4.500	J	0.97	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,6-Dinitrotoluene	4.300	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Chloronaphthalene	4.800	J	1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Chlorophenol	4.700	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Methylnaphthalene	4.600	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Methylphenol	4.000	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Nitroaniline	4.100	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Nitrophenol	4.600	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	3,3-Dichlorobenzidine	3.600	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	3-Nitroaniline	3.900	J	0.86	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4,6-Dinitro-2-methylphenol	4.400	J	1.7	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Bromophenyl-phenylether	4.600	J	2.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chloro-3-methylphenol	4.100	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chloroaniline	4.200	J	1.7	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chlorophenyl-phenylether	4.900	J	1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Methylphenol	4.000	J	1.6	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Nitroaniline	3.900	J	0.6	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Nitrophenol	4.600	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acenaphthene	4.700	J	1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acenaphthylene	5.000		1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acetophenone	4.500	J	2.1	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Anthracene	4.200	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Atrazine	4.900	J	1.2	10	ug/L

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SDG No.: BN091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3391-02	MDL-WATER-QT3-2024 Water	Benzaldehyde	5.500	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(a)anthracene	4.700	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(a)pyrene	5.000		2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(b)fluoranthene	4.900	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(g,h,i)perylene	5.100		1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(k)fluoranthene	5.000		2.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethoxy)methane	4.500	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethyl)ether	4.700	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-ethylhexyl)phthalate	4.600	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Butylbenzylphthalate	4.500	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Caprolactam	6.200	J	1.3	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Carbazole	4.500	J	2	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Chrysene	4.600	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Di-n-butylphthalate	4.800	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Di-n-octyl phthalate	4.900	J	1.3	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dibenzo(a,h)anthracene	5.000		2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dibenzofuran	4.700	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Diethylphthalate	4.900	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dimethylphthalate	4.800	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Fluoranthene	4.700	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Fluorene	4.900	J	2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorobenzene	4.600	J	1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorobutadiene	4.900	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorocyclopentadiene	4.700	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachloroethane	4.700	J	0.89	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Indeno(1,2,3-cd)pyrene	4.900	J	1.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Isophorone	4.400	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	N-Nitroso-di-n-propylamine	4.600	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	N-Nitrosodiphenylamine	4.400	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Naphthalene	4.700	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Nitrobenzene	4.700	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pentachlorobenzene	4.600	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pentachlorophenol	7.200	J	1.7	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Phenanthrene	4.800	J	1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Phenol	4.400	J	1.7	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pyrene	4.600	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pyridine	4.600	J	0.85	10	ug/L

Total Svoc :

330.90

Total Concentration:

330.90

Client ID : DDC03DL

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SDG No.: BN091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-14DL	DDC03DL	Solid	(DEL) Alkane: Straight-Chain7.1	*	1,800.000	JD		
P3878-14DL	DDC03DL	Solid	(DEL) Alkane: Straight-Chain8.7	*	1,700.000	JD		
P3878-14DL	DDC03DL	Solid	(R)-(-)-2-Methyl-2,4-pentanediol	*	2,700.000	JD		
P3878-14DL	DDC03DL	Solid	Butanoic acid	*	1,400.000	JD		
P3878-14DL	DDC03DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	1,200.000	JD		
P3878-14DL	DDC03DL	Solid	Cyclononasiloxane, octadecameth	*	1,600.000	JD		
P3878-14DL	DDC03DL	Solid	Hexasiloxane, tetradecamethyl-	*	1,000.000	JD		
P3878-14DL	DDC03DL	Solid	n-Hexadecanoic acid	*	1,100.000	JD		
P3878-14DL	DDC03DL	Solid	unknown-01	*	2,100.000	JD		
P3878-14DL	DDC03DL	Solid	Total Alkanes	*	3,500.000	D 600	2200	ug/Kg
Total Tics :					18,100.00			
P3878-14DL	DDC03DL	Solid	2,3,4,6-Tetrachlorophenol		1,800.000	JD 680	2200	ug/Kg
P3878-14DL	DDC03DL	Solid	Pentachlorophenol		20,000.000	D 490	4300	ug/Kg
Total Svoc :					21,800.00			
Total Concentration:					39,900.00			

Client ID : DDC04DL

P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Cyclic6.158	*	1,900.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Cyclic7.775	*	4,300.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain10.7	*	1,700.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain11.1	*	1,200.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain11.7	*	2,900.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain12.4	*	1,700.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain12.5	*	1,700.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain12.6	*	2,700.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain12.9	*	8,600.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain13.6	*	3,900.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain14.6	*	8,500.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain14.2	*	3,100.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain14.6	*	2,700.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain15.6	*	8,300.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain15.8	*	12,000.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain16.6	*	9,000.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain16.7	*	5,200.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain17.4	*	7,800.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain18.1	*	6,300.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain18.5	*	2,200.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain18.7	*	8,000.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain19.3	*	2,800.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain19.8	*	2,700.000	JD		
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain20.3	*	2,100.000	JD		

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SDG No.: BN091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain21.1 *	2,400.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain5.5 *	4,900.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain6.0 *	1,900.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain6.4 *	1,900.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain6.5 *	3,200.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain6.5 *	4,200.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain7.1 *	28,000.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain7.6 *	1,700.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain8.0 *	3,200.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain8.2 *	5,600.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain8.7 *	22,000.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain9.5 *	1,400.000	JD			
P3878-15DL	DDC04DL	Solid	(DEL) Alkane: Straight-Chain9.6 *	840.000	JD			
P3878-15DL	DDC04DL	Solid	1-Hexanol, 2-ethyl-	6,800.000	JD			
P3878-15DL	DDC04DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane *	3,600.000	JD			
P3878-15DL	DDC04DL	Solid	2,5-Dimethyl-5-hexen-3-ol *	1,600.000	JD			
P3878-15DL	DDC04DL	Solid	2-Bromo dodecane *	4,700.000	JD			
P3878-15DL	DDC04DL	Solid	2-Heptanone, 4,6-dimethyl-	3,600.000	JD			
P3878-15DL	DDC04DL	Solid	4-Methylphenyl acetone *	4,000.000	JD			
P3878-15DL	DDC04DL	Solid	9-Octadecenoic acid, (E)- *	5,500.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1,2,3-trimethyl-	2,700.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1,2-diethyl-	2,000.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1,4-diethyl-	3,600.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1-ethyl-2-methyl-	3,100.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1-ethyl-3-methyl-	3,100.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1-methyl-3-(1-methylethyl)- *	3,000.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 1-methyl-4-propyl-	6,600.000	JD			
P3878-15DL	DDC04DL	Solid	Benzene, 2-ethyl-1,4-dimethyl-	2,500.000	JD			
P3878-15DL	DDC04DL	Solid	Butanoic acid *	6,500.000	JD			
P3878-15DL	DDC04DL	Solid	Carbonic acid, 2-ethylhexyl nonyl *	9,800.000	JD			
P3878-15DL	DDC04DL	Solid	Carbonic acid, 2-ethylhexyl tridec *	4,200.000	JD			
P3878-15DL	DDC04DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	4,300.000	JD			
P3878-15DL	DDC04DL	Solid	Diaziridinone, bis(1,1-dimethylpropan-2-yl) *	2,000.000	JD			
P3878-15DL	DDC04DL	Solid	Hexadecanoic acid, methyl ester *	3,900.000	JD			
P3878-15DL	DDC04DL	Solid	Hexylene glycol *	2,600.000	JD			
P3878-15DL	DDC04DL	Solid	n-Hexadecanoic acid *	4,200.000	JD			
P3878-15DL	DDC04DL	Solid	Naphthalene, 1,6-dimethyl-	2,600.000	JD			
P3878-15DL	DDC04DL	Solid	Naphthalene, 1,7-dimethyl-	2,100.000	JD			
P3878-15DL	DDC04DL	Solid	Naphthalene, 2,3,6-trimethyl-	2,100.000	JD			
P3878-15DL	DDC04DL	Solid	Naphthalene, 2,3-dimethyl-	3,300.000	JD			

Hit Summary Sheet
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SDG No.: BN091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-15DL	DDC04DL	Solid	unknown-01	* 2,500.000	JD			
P3878-15DL	DDC04DL	Solid	unknown-02	* 1,700.000	JD			
P3878-15DL	DDC04DL	Solid	unknown-03	* 2,500.000	JD			
P3878-15DL	DDC04DL	Solid	Total Alkanes	* 190,000.000	D 540		2000	ug/Kg
Total Tics :				493,240.00				
P3878-15DL	DDC04DL	Solid	1-Methylnaphthalene	2,500.000	D 220		2000	ug/Kg
P3878-15DL	DDC04DL	Solid	2,3,4,6-Tetrachlorophenol	23,000.000	D 610		2000	ug/Kg
P3878-15DL	DDC04DL	Solid	2-Methylnaphthalene	4,200.000	D 440		2000	ug/Kg
P3878-15DL	DDC04DL	Solid	Naphthalene	1,600.000	JD 390		2000	ug/Kg
P3878-15DL	DDC04DL	Solid	Pentachlorophenol	290,000.000	ED 450		3900	ug/Kg
P3878-15DL	DDC04DL	Solid	Phenanthrene	940.000	JD 620		2000	ug/Kg
Total Svoc :				322,240.00				
Total Concentration:				815,480.00				

Client ID : DDC05DL

P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Cyclic10.651	* 3,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Cyclic11.545	* 2,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Cyclic6.163	* 2,800.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Cyclic7.775	* 4,600.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain10.7	* 2,000.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain11.1	* 920.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain11.7	* 3,300.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain12.6	* 2,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain12.9	* 9,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain13.6	* 5,700.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain14.6	* 8,000.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain14.6	* 3,100.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain15.6	* 8,200.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain15.4	* 4,000.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain15.8	* 9,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain15.9	* 4,300.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain16.6	* 7,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain16.7	* 4,400.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain17.4	* 6,300.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain18.1	* 5,100.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain18.7	* 5,300.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain19.2	* 2,100.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain19.8	* 1,800.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain21.2	* 1,700.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain5.56	* 7,400.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain6.02	* 2,600.000	JD			

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SDG No.: BN091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain6.0*	2,600.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain6.4*	2,400.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain6.51*	3,500.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain6.5*	4,600.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain7.14*	30,000.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain8.0*	3,300.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain8.2*	5,400.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain8.7*	22,000.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain9.5*	1,700.000	JD			
P3878-16DL	DDC05DL	Solid	(DEL) Alkane: Straight-Chain9.6*	910.000	JD			
P3878-16DL	DDC05DL	Solid	1-Hexanol, 2-ethyl-	11,000.000	JD			
P3878-16DL	DDC05DL	Solid	2-Heptanone, 4,6-dimethyl-	3,800.000	JD			
P3878-16DL	DDC05DL	Solid	Benzene, 1,2-diethyl-	2,200.000	JD			
P3878-16DL	DDC05DL	Solid	Benzene, 1,4-diethyl-	3,600.000	JD			
P3878-16DL	DDC05DL	Solid	Benzene, 1-ethyl-2-methyl-	3,400.000	JD			
P3878-16DL	DDC05DL	Solid	Benzene, 1-ethyl-4-methyl-	3,400.000	JD			
P3878-16DL	DDC05DL	Solid	Benzene, 1-methyl-3-propyl-	6,700.000	JD			
P3878-16DL	DDC05DL	Solid	Benzene, 2-ethyl-1,4-dimethyl-	2,400.000	JD			
P3878-16DL	DDC05DL	Solid	Butanoic acid, butyl ester	3,000.000	JD			
P3878-16DL	DDC05DL	Solid	Carbonic acid, decyl 2-ethylhexyl	5,100.000	JD			
P3878-16DL	DDC05DL	Solid	Cyclohexanol, 1-methyl-	2,200.000	JD			
P3878-16DL	DDC05DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	3,200.000	JD			
P3878-16DL	DDC05DL	Solid	Hexadecanoic acid, methyl ester	5,800.000	JD			
P3878-16DL	DDC05DL	Solid	Methyl stearate	1,900.000	JD			
P3878-16DL	DDC05DL	Solid	n-Hexadecanoic acid	2,800.000	JD			
P3878-16DL	DDC05DL	Solid	Naphthalene, 1,4,6-trimethyl-	2,300.000	JD			
P3878-16DL	DDC05DL	Solid	Naphthalene, 1,6,7-trimethyl-	2,700.000	JD			
P3878-16DL	DDC05DL	Solid	Naphthalene, 1,6-dimethyl-	3,000.000	JD			
P3878-16DL	DDC05DL	Solid	Naphthalene, 2,3-dimethyl-	1,900.000	JD			
P3878-16DL	DDC05DL	Solid	Naphthalene, 2,6-dimethyl-	2,700.000	JD			
P3878-16DL	DDC05DL	Solid	o-Cymene	2,800.000	JD			
P3878-16DL	DDC05DL	Solid	Octyl tetracosyl ether	3,100.000	JD			
P3878-16DL	DDC05DL	Solid	Oxalic acid, 2-ethylhexyl tetradec	2,500.000	JD			
P3878-16DL	DDC05DL	Solid	Propanoic acid, 2-methyl-, 2-ethyl	2,000.000	JD			
P3878-16DL	DDC05DL	Solid	Propanoic acid, 2-methyl-, 2-meth	2,200.000	JD			
P3878-16DL	DDC05DL	Solid	Propanoic acid, 2-methyl-, butyl e	3,000.000	JD			
P3878-16DL	DDC05DL	Solid	unknown-01	7,500.000	JD			
P3878-16DL	DDC05DL	Solid	unknown-02	7,600.000	JD			
P3878-16DL	DDC05DL	Solid	unknown-03	4,500.000	JD			
P3878-16DL	DDC05DL	Solid	unknown-04	2,700.000	JD			

Hit Summary Sheet SW-846

SDG No.: BN091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-16DL	DDC05DL	Solid	Total Alkanes	* 200,000.000	D	580	2100	ug/Kg
Total Tics :				506,030.00				
P3878-16DL	DDC05DL	Solid	1-Methylnaphthalene	2,200.000	D	240	2100	ug/Kg
P3878-16DL	DDC05DL	Solid	2,3,4,6-Tetrachlorophenol	22,000.000	D	650	2100	ug/Kg
P3878-16DL	DDC05DL	Solid	2-Methylnaphthalene	3,800.000	D	460	2100	ug/Kg
P3878-16DL	DDC05DL	Solid	Naphthalene	1,700.000	JD	410	2100	ug/Kg
P3878-16DL	DDC05DL	Solid	Pentachlorophenol	280,000.000	ED	480	4100	ug/Kg
P3878-16DL	DDC05DL	Solid	Phenanthrene	730.000	JD	660	2100	ug/Kg
Total Svoc :				310,430.00				
Total Concentration:				816,460.00				
Client ID : DDCC0DL								
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Cyclic18.698	* 770.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain15.6	* 1,300.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain15.8	* 1,100.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain16.6	* 1,500.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain16.7	* 1,000.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain17.4	* 2,000.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain18.1	* 2,300.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain18.3	* 790.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain18.5	* 1,400.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain18.7	* 1,800.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain18.9	* 1,000.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain19.5	* 860.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain19.8	* 1,200.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain20.3	* 840.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain21.8	* 1,200.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain22.4	* 1,000.000	JD			
P3878-17DL	DDCC0DL	Solid	(DEL) Alkane: Straight-Chain8.72	* 810.000	JD			
P3878-17DL	DDCC0DL	Solid	.alpha.-Lindane	* 860.000	JD			
P3878-17DL	DDCC0DL	Solid	Hexadecyl octyl ether	* 1,700.000	JD			
P3878-17DL	DDCC0DL	Solid	n-Hexadecanoic acid	* 1,800.000	JD			
P3878-17DL	DDCC0DL	Solid	Octachlorodibenzo-p-dioxin	* 4,800.000	JD			
P3878-17DL	DDCC0DL	Solid	Octadecanoic acid	* 1,200.000	JD			
P3878-17DL	DDCC0DL	Solid	Tridecane, 1-iodo-	* 990.000	JD			
P3878-17DL	DDCC0DL	Solid	Total Alkanes	* 21,000.000	D	520	1900	ug/Kg
Total Tics :				53,220.00				
P3878-17DL	DDCC0DL	Solid	2,3,4,6-Tetrachlorophenol	5,000.000	D	590	1900	ug/Kg
P3878-17DL	DDCC0DL	Solid	2,4,6-Trichlorophenol	690.000	JD	570	1900	ug/Kg
P3878-17DL	DDCC0DL	Solid	Pentachlorophenol	120,000.000	ED	430	3700	ug/Kg
Total Svoc :				125,690.00				

Hit Summary Sheet SW-846

SDG No.: BN091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				178,910.00				
Client ID : DDCC0DL2								
P3878-17DL2	DDCC0DL2	Solid	(DEL) Alkane: Straight-Chain18.1	*	2,400.000	JD		
P3878-17DL2	DDCC0DL2	Solid	Octachlorodibenzo-p-dioxin	*	4,700.000	JD		
P3878-17DL2	DDCC0DL2	Solid	Total Alkanes	*	2,400.000	D	1600	5800 ug/Kg
Total Tics :				9,500.00				
P3878-17DL2	DDCC0DL2	Solid	2,3,4,6-Tetrachlorophenol		4,400.000	JD	1800	5800 ug/Kg
P3878-17DL2	DDCC0DL2	Solid	Pentachlorophenol		120,000.000	D	1300	11000 ug/Kg
Total Svoc :				124,400.00				
Total Concentration:				133,900.00				
Client ID : DDCC2DL								
P3878-19DL	DDCC2DL	Solid	(DEL) Alkane: Straight-Chain7.12	*	600.000	JD		
P3878-19DL	DDCC2DL	Solid	(DEL) Alkane: Straight-Chain8.72	*	480.000	JD		
P3878-19DL	DDCC2DL	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	2,400.000	A		
P3878-19DL	DDCC2DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	1,800.000	JD		
P3878-19DL	DDCC2DL	Solid	Hexylene glycol	*	3,700.000	JD		
P3878-19DL	DDCC2DL	Solid	n-Hexadecanoic acid	*	860.000	JD		
P3878-19DL	DDCC2DL	Solid	Total Alkanes	*	1,100.000	D	280	1000 ug/Kg
Total Tics :				10,940.00				
P3878-19DL	DDCC2DL	Solid	2,3,4,6-Tetrachlorophenol		1,100.000	D	310	1000 ug/Kg
P3878-19DL	DDCC2DL	Solid	2,4,6-Trichlorophenol		690.000	JD	300	1000 ug/Kg
P3878-19DL	DDCC2DL	Solid	Pentachlorophenol		7,600.000	D	230	2000 ug/Kg
Total Svoc :				9,390.00				
Total Concentration:				20,330.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091124 SAS No.: BN091124 SDG No.: BN091124

Instrument ID: _____ Calibration Date(s): 9/10/2024 : _____

Calibration Time(s): 17:22 _____

LAB FILE ID:		RRFAL1 = BN033845.D			RRFAL2 = BN033846.D		RRFAL3 = BN033847.D	
		RRFAL4 = BN033848.D			RRFAL5 = BN033849.D		RRFAL6 = BN033850.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.488	0.571	0.495	0.523	0.508		0.517	6.4
Benzaldehyde		1.124	1.111	1.040	0.761	0.650	0.937	23.2
Pyridine		1.580	1.401	1.504	1.496	1.473	1.491	4.3
Hexachloroethane	0.577	0.639	0.567	0.621	0.615		0.604	5.1
Nitrobenzene	0.369	0.439	0.382	0.405	0.400		0.399	6.7
Isophorone	0.675	0.802	0.701	0.753	0.748		0.736	6.7
2-Nitrophenol	0.154	0.193	0.179	0.195	0.197		0.183	9.7
2,4-Dimethylphenol	0.346	0.414	0.364	0.377	0.386		0.377	6.7
Bis(2-Chloroethoxy)methane	0.430	0.495	0.429	0.459	0.451		0.453	5.9
2,4-Dichlorophenol	0.283	0.338	0.297	0.322	0.323		0.313	7.1
Naphthalene	1.080	1.203	1.022	1.093	1.072		1.094	6.1
4-Chloroaniline		0.505	0.429	0.456	0.467	0.445	0.461	6.2
Hexachlorobutadiene	0.195	0.221	0.189	0.203	0.195		0.201	6.2
Phenol		1.928	1.725	1.842	1.874	1.871	1.848	4.1
Caprolactam		0.115	0.152	0.115	0.121	0.119	0.124	12.4
4-Chloro-3-methylphenol	0.332	0.395	0.354	0.378	0.382		0.368	6.9
1-Methylnaphthalene	0.733	0.841	0.723	0.763	0.755		0.763	6.1
2-Methylnaphthalene	0.734	0.830	0.712	0.743	0.750		0.754	6.0
Hexachlorocyclopentadiene		0.330	0.415	0.354	0.341	0.336	0.355	9.8
2,4,6-Trichlorophenol	0.333	0.402	0.370	0.404	0.404		0.383	8.2
2,4,5-Trichlorophenol	0.371	0.447	0.399	0.447	0.439		0.420	8.2
1,1-Biphenyl	1.462	1.671	1.418	1.520	1.468		1.508	6.5
2-Chloronaphthalene	1.119	1.294	1.111	1.192	1.157		1.175	6.3
2-Nitroaniline	0.319	0.404	0.366	0.407	0.401		0.380	9.9
Bis(2-Chloroethyl)ether		1.537	1.365	1.468	1.423	1.388	1.436	4.8
Dimethylphthalate	1.456	1.675	1.456	1.527	1.504		1.523	5.9
2,6-Dinitrotoluene	0.244	0.311	0.289	0.324	0.332		0.300	11.8
Acenaphthylene	1.716	2.005	1.755	1.893	1.830		1.840	6.2
3-Nitroaniline		0.341	0.330	0.352	0.326	0.308	0.331	5.0
Acenaphthene	1.249	1.439	1.255	1.327	1.298		1.314	5.9
2,4-Dinitrophenol		0.136	0.141	0.183	0.199	0.223	0.176	21.4
4-Nitrophenol		0.279	0.247	0.265	0.266	0.246	0.261	5.4
Dibenzofuran	1.741	1.970	1.728	1.811	1.731		1.796	5.7
2,4-Dinitrotoluene	0.369	0.474	0.444	0.488	0.485		0.452	10.9
Diethylphthalate	1.492	1.736	1.525	1.622	1.584		1.592	6.0
2-Chlorophenol	1.347	1.522	1.369	1.455	1.466		1.432	5.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091124 SAS No.: BN091124 SDG No.: BN091124

Instrument ID: _____ Calibration Date(s): 9/10/2024 : _____

Calibration Time(s): 17:22 _____

LAB FILE ID:		RRFAL1 = BN033845.D		RRFAL2 = BN033846.D		RRFAL3 = BN033847.D		
		RRFAL4 = BN033848.D		RRFAL5 = BN033849.D		RRFAL6 = BN033850.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.428	1.618	1.395	1.483	1.423		1.469	6.0
4-Chlorophenyl-phenylether	0.694	0.779	0.679	0.723	0.686		0.712	5.7
4-Nitroaniline		0.363	0.348	0.367	0.328	0.299	0.341	8.2
4,6-Dinitro-2-methylphenol		0.120	0.115	0.134	0.146	0.147	0.132	10.9
N-Nitrosodiphenylamine	0.576	0.660	0.566	0.596	0.598		0.599	6.1
1,2,4,5-Tetrachlorobenzene	0.542	0.632	0.554	0.586	0.572		0.577	6.1
4-Bromophenyl-phenylether	0.189	0.220	0.191	0.209	0.208		0.203	6.5
Hexachlorobenzene	0.225	0.258	0.226	0.231	0.239		0.236	5.9
Atrazine		0.240	0.211	0.219	0.223	0.193	0.217	7.9
Pentachlorophenol		0.152	0.140	0.159	0.166	0.168	0.157	7.2
2-Methylphenol		1.424	1.289	1.388	1.409	1.396	1.381	3.9
Phenanthrene	1.066	1.207	1.055	1.108	1.079		1.103	5.6
Pentachlorobenzene	0.278	0.313	0.266	0.280	0.280		0.283	6.2
Anthracene	1.089	1.240	1.072	1.117	1.114		1.126	5.9
1,2,3,4-Tetrachlorobenzene	0.264	0.308	0.264	0.277	0.278		0.278	6.5
Carbazole		1.164	0.991	1.049	1.022	0.957	1.036	7.6
Di-n-butylphthalate	1.231	1.430	1.284	1.341	1.302		1.318	5.6
Fluoranthene	1.231	1.427	1.254	1.329	1.272		1.303	6.0
Pyrene	1.357	1.544	1.334	1.414	1.354		1.400	6.1
Butylbenzylphthalate	0.564	0.664	0.602	0.658	0.653		0.628	7.0
3,3-Dichlorobenzidine		0.478	0.436	0.479	0.451	0.402	0.449	7.1
2,2-oxybis (1-Chloropropane)		2.341	2.076	2.165	2.051	1.958	2.118	6.8
Benzo (a) anthracene	1.369	1.566	1.358	1.452	1.384		1.426	6.1
Chrysene	1.336	1.479	1.287	1.369	1.331		1.361	5.3
Bis (2-ethylhexyl) phthalate	0.803	1.003	0.894	0.971	0.926		0.919	8.4
Di-n-octyl phthalate		1.386	1.272	1.424	1.362	1.210	1.331	6.6
Benzo (b) fluoranthene	1.155	1.340	1.152	1.242	1.209		1.219	6.3
Benzo (k) fluoranthene	1.129	1.333	1.138	1.210	1.205		1.203	6.8
Benzo (a) pyrene	1.054	1.256	1.096	1.180	1.174		1.152	6.9
Indeno (1,2,3-cd) pyrene	1.313	1.519	1.345	1.438	1.520		1.427	6.7
Dibenzo (a,h) anthracene	1.065	1.248	1.074	1.156	1.225		1.154	7.3
Benzo (g,h,i) perylene	1.004	1.180	1.044	1.124	1.188		1.108	7.4
Acetophenone		2.495	2.196	2.342	2.294	2.241	2.314	5.0
2,3,4,6-Tetrachlorophenol	0.304	0.364	0.343	0.372	0.362		0.349	7.8
1,4-Dioxane-d8	0.468	0.540	0.471	0.493	0.479		0.490	6.0
Pyridine-d5		1.532	1.375	1.462	1.463	1.453	1.457	3.8

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.: BN091124 SAS No.: BN091124 SDG No.: BN091124
Instrument ID: _____ Calibration Date(s): 9/10/2024 : _____
Calibration Time(s): 17:22 _____

LAB FILE ID:		RRFAL1 = BN033845.D			RRFAL2 = BN033846.D		RRFAL3 = BN033847.D	
		RRFAL4 = BN033848.D			RRFAL5 = BN033849.D		RRFAL6 = BN033850.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.825	1.663	1.765	1.810	1.812	1.775	3.8
Bis-(2-Chloroethyl)ether-d8		1.205	1.052	1.119	1.069	1.062	1.101	5.8
2-Chlorophenol-d4	1.269	1.476	1.336	1.443	1.462		1.397	6.5
4-Methylphenol-d8		1.485	1.362	1.474	1.485	1.496	1.461	3.8
Nitrobenzene-d5	0.143	0.167	0.154	0.167	0.168		0.159	6.9
2-Nitrophenol-d4	0.136	0.168	0.155	0.179	0.183		0.164	11.8
2,4-Dichlorophenol-d3	0.275	0.331	0.292	0.322	0.323		0.309	7.7
4-Chloroaniline-d4		0.500	0.438	0.470	0.476	0.453	0.467	5.0
4-Methylphenol		1.600	1.445	1.553	1.545	1.543	1.537	3.7
Dimethylphthalate-d6	1.431	1.619	1.426	1.511	1.486		1.495	5.2
Acenaphthylene-d8	1.516	1.827	1.603	1.743	1.718		1.681	7.3
4-Nitrophenol-d4		0.308	0.283	0.317	0.321	0.304	0.307	4.8
Fluorene-d10	1.221	1.390	1.198	1.282	1.241		1.267	6.0
4,6-Dinitro-2-methylphenol		0.101	0.103	0.121	0.133	0.137	0.119	13.9
Anthracene-d10	0.886	1.030	0.902	0.943	0.940		0.940	5.9
Pyrene-d10	1.059	1.201	1.080	1.127	1.104		1.114	4.9
Benzo(a)pyrene-d12	0.933	1.121	0.973	1.054	1.056		1.027	7.3
N-Nitroso-di-n-propylamine	1.051	1.256	1.103	1.168	1.149		1.146	6.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091224 SAS No.: BN091224 SDG NO.: BN091224

EPA Sample No.: SSTD020219 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 12:30

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	200340	7.499	881178	10.26	573184	14.14
UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
EPA SAMPLE NO.						
01 SBLK242	159769	7.49	657516	10.25	419000	14.14
02 MDL-WATER-QT3-2024-06	168208	7.49	722024	10.25	456605	14.14
03 DDCC0DL	139029	7.49	595941	10.25	381249	14.14
04 DDC05DL	146512	7.49	624193	10.25	409350	14.14
05 DDC04DL	152260	7.49	647084	10.25	432368	14.14
06 DDCC2DL	161260	7.49	656020	10.25	410219	14.14
07 DDC03DL	144637	7.49	572548	10.25	371721	14.13
08 DDCC0DL2	149811	7.49	600497	10.25	384290	14.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091224 SAS No.: BN091224 SDG NO.: BN091224

EPA Sample No.: SSTD020316 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BN033878.D Time Analyzed: 12:30

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	243624	7.493	1.02746e+01	10.25	686567	14.14
UPPER LIMIT	487248	7.993	2054920	10.752	1373134	14.64
LOWER LIMIT	121812	6.993	513730	9.752	343283.5	13.64
EPA SAMPLE NO.						
01 SBLK242	159769	7.49	657516	10.25	419000	14.14
02 MDL-WATER-QT3-2024-06	168208	7.49	722024	10.25	456605	14.14
03 DDCC0DL	139029	7.49	595941	10.25	381249	14.14
04 DDC05DL	146512	7.49	624193	10.25	409350	14.14
05 DDC04DL	152260	7.49	647084	10.25	432368	14.14
06 DDCC2DL	161260	7.49	656020	10.25	410219	14.14
07 DDC03DL	144637	7.49	572548	10.25	371721	14.13
08 DDCC0DL2	149811	7.49	600497	10.25	384290	14.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091224 SAS No.: BN091224 SDG NO.: BN091224

EPA Sample No.: SSTD020219 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 12:30

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	1.22678e+0	16.898	1.2023e+0	21.127	1.43568e+0	23.91
UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
EPA SAMPLE NO.						
01 SBLK242	925044	16.89	957077	21.13	1.08049e+	23.90
02 MDL-WATER-QT3-2024-06	1.00442	16.89	1.0117e+0	21.13	1.07061e+	23.91
03 DDCC0DL	833781	16.89	837370	21.13	962468	23.91
04 DDC05DL	870380	16.90	840614	21.13	965611	23.90
05 DDC04DL	932250	16.90	914649	21.13	1.05271e+	23.91
06 DDCC2DL	878514	16.89	963689	21.13	1.16912e+	23.91
07 DDC03DL	799546	16.89	870077	21.13	1.02193e+	23.90
08 DDCC0DL2	825187	16.89	934651	21.13	1.12519e+	23.91

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091224 SAS No.: BN091224 SDG NO.: BN091224

EPA Sample No.: SSTD020316 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BN033878.D Time Analyzed: 12:30

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	1.50685e+01	16.892	1.46865e+01	21.139	1.72343e+01	23.916
UPPER LIMIT	3013700	17.392	2937300	21.639	3446860	24.416
LOWER LIMIT	753425	16.392	734325	20.639	861715	23.416
EPA SAMPLE NO.						
01 SBLK242	925044	16.89	957077	21.13	1.08049e+01	23.90
02 MDL-WATER-QT3-2024-06	1.00442	16.89	1.0117e+01	21.13	1.07061e+01	23.91
03 DDCC0DL	833781	16.89	837370	21.13	962468	23.91
04 DDC05DL	870380	16.90	840614	21.13	965611	23.90
05 DDC04DL	932250	16.90	914649	21.13	1.05271e+01	23.91
06 DDCC2DL	878514	16.89	963689	21.13	1.16912e+01	23.91
07 DDC03DL	799546	16.89	870077	21.13	1.02193e+01	23.90
08 DDCC0DL2	825187	16.89	934651	21.13	1.12519e+01	23.91

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.

SBLK242

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091224

SAS No.: BN091224 SDG NO.: BN091224

Lab File ID: BN033879.D

Lab Sample ID: PB163242BL

Instrument ID: BNA_N

Date Extracted: 09/09/2024

Matrix: (soil/water) Water

Date Analyzed: 09/12/2024

Level: (low/med) LOW

Time Analyzed: 12:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-06	P3391-02	BN033880.D	09/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-02	MDL-WATER-QT3BN033880.D		1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	23.12	58		20	120
			Phenol-d5	40	22.66	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.48	56		25	120
			2-Chlorophenol-d4	40	23.04	58		20	130
			4-Methylphenol-d8	40	19.99	50		25	125
			Nitrobenzene-d5	40	23.55	59		20	125
			2-Nitrophenol-d4	40	24.18	60		20	130
			2,4-Dichlorophenol-d3	40	21.82	55		20	120
			4-Chloroaniline-d4	40	20.06	50		1	146
			Dimethylphthalate-d6	40	23.26	58		25	130
			Acenaphthylene-d8	40	23.03	58		10	130
			4-Nitrophenol-d4	40	21.17	53		10	150
			Fluorene-d10	40	23.47	59		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.01	50		10	130
			Anthracene-d10	40	19.37	48		25	130
			Pyrene-d10	40	22.07	55		15	130
			Benzo(a)pyrene-d12	40	23.84	60		20	130
PB163242BL	PB163242BL	BN033879.D	Pyridine-d5	40	25.99	65		20	120
			1,4-Dioxane-d8	8	6.22	78		15	120
			Phenol-d5	40	26.35	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.67	67		25	120
			2-Chlorophenol-d4	40	27.41	69		20	130
			4-Methylphenol-d8	40	25.29	63		25	125
			Nitrobenzene-d5	40	28.71	72		20	125
			2-Nitrophenol-d4	40	30.39	76		20	130
			2,4-Dichlorophenol-d3	40	27.17	68		20	120
			4-Chloroaniline-d4	40	25.28	63		1	146
			Dimethylphthalate-d6	40	30.64	77		25	130
			Acenaphthylene-d8	40	29.03	73		10	130
			4-Nitrophenol-d4	40	27.72	69		10	150
			Fluorene-d10	40	29.28	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.92	67		10	130
			Anthracene-d10	40	29.67	74		25	130
			Pyrene-d10	40	29.45	74		15	130
			Benzo(a)pyrene-d12	40	30.43	76		20	130

Surrogate Summary

SW-846

SDG No.: BN091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-14DL	DDC03DL	BN033885.D	1,4-Dioxane-d8	8	5.91	74		15	120
			Pyridine-d5	40	5.63	14	*	20	120
			Phenol-d5	40	21.44	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.24	56		10	150
			2-Chlorophenol-d4	40	21.73	54		15	120
			4-Methylphenol-d8	40	21.37	53		10	140
			Nitrobenzene-d5	40	23.34	58		10	135
			2-Nitrophenol-d4	40	22.89	57		10	120
			2,4-Dichlorophenol-d3	40	24.36	61		10	140
			4-Chloroaniline-d4	40	23.22	58		1	145
			Dimethylphthalate-d6	40	29.05	73		10	145
			Acenaphthylene-d8	40	26.41	66		15	120
			4-Nitrophenol-d4	40	16.71	42		10	150
			Fluorene-d10	40	29.38	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.39	38		10	130
			Anthracene-d10	40	29.68	74		10	150
			Pyrene-d10	40	28.78	72		10	130
			Benzo(a)pyrene-d12	40	29.49	74		10	140
P3878-15DL	DDC04DL	BN033883.D	Pyridine-d5	40	4.14	10	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	30.99	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.90	90		10	150
			2-Chlorophenol-d4	40	31.48	79		15	120
			4-Methylphenol-d8	40	28.78	72		10	140
			Nitrobenzene-d5	40	33.73	84		10	135
			2-Nitrophenol-d4	40	31.57	79		10	120
			2,4-Dichlorophenol-d3	40	32.43	81		10	140
			4-Chloroaniline-d4	40	30.74	77		1	145
			Dimethylphthalate-d6	40	33.36	83		10	145
			Acenaphthylene-d8	40	33.21	83		15	120
			4-Nitrophenol-d4	40	24.78	62		10	150
			Fluorene-d10	40	35.25	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	34.99	87		10	150
			Pyrene-d10	40	34.90	87		10	130
			Benzo(a)pyrene-d12	40	34.31	86		10	140
P3878-16DL	DDC05DL	BN033882.D	Pyridine-d5	40	18.26	46		20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	25.70	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.57	76		10	150
			2-Chlorophenol-d4	40	26.10	65		15	120
			4-Methylphenol-d8	40	22.72	57		10	140
			Nitrobenzene-d5	40	26.78	67		10	135
			2-Nitrophenol-d4	40	25.04	63		10	120
			2,4-Dichlorophenol-d3	40	25.23	63		10	140
			4-Chloroaniline-d4	40	36.34	91		1	145
			Dimethylphthalate-d6	40	26.15	65		10	145
			Acenaphthylene-d8	40	26.52	66		15	120
			4-Nitrophenol-d4	40	20.72	52		10	150

Surrogate Summary

SW-846

SDG No.: BN091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-16DL	DDC05DL	BN033882.D	Fluorene-d10	40	27.54	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	28.01	70		10	150
			Pyrene-d10	40	27.93	70		10	130
			Benzo(a)pyrene-d12	40	27.54	69		10	140
P3878-17DL	DDCC0DL	BN033881.D	Pyridine-d5	40	15.40	38		20	120
			1,4-Dioxane-d8	8	4.92	62		15	120
			Phenol-d5	40	16.48	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.55	46		10	150
			2-Chlorophenol-d4	40	17.27	43		15	120
			4-Methylphenol-d8	40	15.19	38		10	140
			Nitrobenzene-d5	40	16.04	40		10	135
			2-Nitrophenol-d4	40	16.03	40		10	120
			2,4-Dichlorophenol-d3	40	15.85	40		10	140
			4-Chloroaniline-d4	40	15.81	40		1	145
			Dimethylphthalate-d6	40	19.93	50		10	145
			Acenaphthylene-d8	40	19.19	48		15	120
			4-Nitrophenol-d4	40	10.15	25		10	150
			Fluorene-d10	40	21.04	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	20.99	52		10	150
			Pyrene-d10	40	21.44	54		10	130
			Benzo(a)pyrene-d12	40	21.60	54		10	140
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	15.60	39		20	120
P3878-17DL2	DDCC0DL2	BN033886.D	Phenol-d5	40	14.64	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.46	44		10	150
			2-Chlorophenol-d4	40	16.11	40		15	120
			4-Methylphenol-d8	40	13.32	33		10	140
			Nitrobenzene-d5	40	16.23	41		10	135
			2-Nitrophenol-d4	40	14.13	35		10	120
			2,4-Dichlorophenol-d3	40	14.25	36		10	140
			4-Chloroaniline-d4	40	14.19	35		1	145
			Dimethylphthalate-d6	40	18.90	47		10	145
			Acenaphthylene-d8	40	17.88	45		15	120
			4-Nitrophenol-d4	40	7.92	20		10	150
			Fluorene-d10	40	21.12	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	22.11	55		10	150
			Pyrene-d10	40	20.88	52		10	130
			Benzo(a)pyrene-d12	40	20.73	52		10	140
			1,4-Dioxane-d8	8	5.39	67		15	120
			Pyridine-d5	40	9.94	25		20	120
			Phenol-d5	40	26.32	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.94	57		10	150
P3878-19DL	DDCC2DL	BN033884.D	2-Chlorophenol-d4	40	24.24	61		15	120
			4-Methylphenol-d8	40	27.19	68		10	140
			Nitrobenzene-d5	40	23.37	58		10	135
			2-Nitrophenol-d4	40	25.19	63		10	120

Surrogate Summary

SW-846

SDG No.: BN091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-19DL	DDCC2DL	BN033884.D	2,4-Dichlorophenol-d3	40	27.63	69		10	140
			4-Chloroaniline-d4	40	25.15	63		1	145
			Dimethylphthalate-d6	40	33.92	85		10	145
			Acenaphthylene-d8	40	30.63	77		15	120
			4-Nitrophenol-d4	40	24.38	61		10	150
			Fluorene-d10	40	34.14	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.36	56		10	130
			Anthracene-d10	40	34.88	87		10	150
			Pyrene-d10	40	33.29	83		10	130
			Benzo(a)pyrene-d12	40	34.37	86		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN091224

Lab Code: CHEM

SAS No.: BN091224

SDG NO.: BN091224

Lab File ID: BN033877.D

DFTPP Injection Date: 09/12/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.2
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	85.2
443	15.0 - 24.0% of mass 442	16.1 (18.8) 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
SSTD020316	SSTDCCC020	BN033878.D	09/12/2024	11:51
SBLK242	PB163242BL	BN033879.D	09/12/2024	12:30
MDL-WATER-QT3-2024-06	P3391-02	BN033880.D	09/12/2024	13:17
DDCC0DL	P3878-17DL	BN033881.D	09/12/2024	13:56
DDC05DL	P3878-16DL	BN033882.D	09/12/2024	14:35
DDC04DL	P3878-15DL	BN033883.D	09/12/2024	16:05
DDCC2DL	P3878-19DL	BN033884.D	09/12/2024	16:50
DDC03DL	P3878-14DL	BN033885.D	09/12/2024	17:30
DDCC0DL2	P3878-17DL2	BN033886.D	09/12/2024	18:09
SSTD020317	SSTDCCC020EC	BN033887.D	09/12/2024	19:28