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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/2/2024 12 12:22

Lab File ID: BN034333.D Init. Calib. Date(s):

EPA Sample No.: SSTD020327 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	0.525	0.010	1.4722	40.0
Benzaldehyde	0.937	0.953	0.010	1.6973	40.0
Pyridine	1.491	1.324	0.010	-11.1601	40.0
Phenol	1.848	1.578	0.080	-14.6346	20.0
Bis(2-Chloroethyl)ether	1.436	1.299	0.100	-9.5491	20.0
2-Chlorophenol	1.432	1.410	0.200	-1.5141	20.0
2-Methylphenol	1.381	1.208	0.010	-12.5708	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.721	0.010	-18.7739	40.0
Acetophenone	2.314	1.895	0.060	-18.1147	20.0
4-Methylphenol	1.537	1.311	0.010	-14.7407	20.0
N-Nitroso-di-n-propylamine	1.146	0.895	0.050	-21.8704	30.0
Hexachloroethane	0.604	0.596	0.100	-1.2975	20.0
Nitrobenzene	0.399	0.373	0.050	-6.6013	25.0
Isophorone	0.736	0.641	0.050	-12.9251	25.0
2-Nitrophenol	0.183	0.193	0.050	5.2595	25.0
2,4-Dimethylphenol	0.377	0.347	0.050	-8.0498	25.0
Bis(2-Chloroethoxy)methane	0.453	0.425	0.050	-6.1787	20.0
2,4-Dichlorophenol	0.313	0.329	0.060	5.2376	20.0
Naphthalene	1.094	1.108	0.200	1.2844	20.0
4-Chloroaniline	0.461	0.424	0.010	-8.0004	40.0
Hexachlorobutadiene	0.201	0.223	0.040	11.2899	30.0
Caprolactam	0.124	0.113	0.010	-9.561	40.0
4-Chloro-3-methylphenol	0.368	0.319	0.040	-13.3942	25.0
1-Methylnaphthalene	0.763	0.754	0.100	-1.1683	20.0
2-Methylnaphthalene	0.754	0.739	0.100	-1.8718	20.0
Hexachlorocyclopentadiene	0.355	0.348	0.010	-2.0481	40.0
2,4,6-Trichlorophenol	0.383	0.408	0.090	6.6702	25.0
2,4,5-Trichlorophenol	0.420	0.457	0.100	8.6009	25.0
1,1-Biphenyl	1.508	1.500	0.200	-0.5398	20.0
2-Chloronaphthalene	1.175	1.204	0.300	2.5373	20.0
2-Nitroaniline	0.380	0.307	0.050	-19.1214	40.0
Dimethylphthalate	1.523	1.455	0.300	-4.504	20.0
2,6-Dinitrotoluene	0.300	0.300	0.080	-0.1399	30.0
Acenaphthylene	1.840	1.854	0.400	0.745	20.0
3-Nitroaniline	0.331	0.311	0.010	-6.2398	40.0
Acenaphthene	1.314	1.289	0.200	-1.8792	20.0
2,4-Dinitrophenol	0.176	0.166	0.010	-6.0452	40.0
4-Nitrophenol	0.261	0.240	0.010	-7.9816	40.0
Dibenzofuran	1.796	1.776	0.300	-1.1118	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/2/2024 12 12:22

Lab File ID: BN034333.D Init. Calib. Date(s):

EPA Sample No.: SSTD020327 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	0.433	0.070	-4.2594	30.0
Diethylphthalate	1.592	1.443	0.300	-9.3216	20.0
Fluorene	1.469	1.436	0.200	-2.2441	20.0
4-Chlorophenyl-phenylether	0.712	0.698	0.100	-1.9958	20.0
4-Nitroaniline	0.341	0.312	0.010	-8.4632	40.0
4,6-Dinitro-2-methylphenol	0.132	0.122	0.010	-7.6253	40.0
N-Nitrosodiphenylamine	0.599	0.606	0.050	1.0436	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.644	0.100	11.5517	20.0
4-Bromophenyl-phenylether	0.203	0.221	0.070	9.0207	20.0
Hexachlorobenzene	0.236	0.257	0.050	9.2321	25.0
Atrazine	0.217	0.216	0.010	-0.6	25.0
Pentachlorophenol	0.157	0.166	0.010	5.5623	40.0
Phenanthrene	1.103	1.098	0.200	-0.3995	20.0
Pentachlorobenzene	0.283	0.319	0.050	12.5214	20.0
Anthracene	1.126	1.115	0.200	-0.9861	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.322	0.050	15.7255	20.0
Carbazole	1.036	1.007	0.050	-2.8755	40.0
Di-n-butylphthalate	1.318	1.242	0.500	-5.7331	25.0
Fluoranthene	1.303	1.310	0.400	0.5678	25.0
Pyrene	1.400	1.388	0.400	-0.8687	25.0
Butylbenzylphthalate	0.628	0.575	0.100	-8.368	40.0
3,3-Dichlorobenzidine	0.449	0.450	0.010	0.1346	40.0
Benzo(a)anthracene	1.426	1.414	0.300	-0.8361	30.0
Chrysene	1.361	1.354	0.200	-0.4892	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.878	0.200	-4.467	40.0
Di-n-octyl phthalate	1.331	1.200	0.010	-9.8285	40.0
Benzo(b)fluoranthene	1.219	1.191	0.200	-2.3281	25.0
Benzo(k)fluoranthene	1.203	1.234	0.200	2.5622	25.0
Benzo(a)pyrene	1.152	1.170	0.200	1.5477	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.560	0.200	9.3181	25.0
Dibenzo(a,h)anthracene	1.154	1.252	0.200	8.4901	30.0
Benzo(g,h,i)perylene	1.108	1.228	0.200	10.8512	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.370	0.040	6.1122	20.0
1,4-Dioxane-d8	0.490	0.521	0.010	6.2345	25.0
Pyridine-d5	1.457	1.314	0.010	-9.7971	40.0
Phenol-d5	1.775	1.510	0.010	-14.9207	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.944	0.050	-14.3057	25.0
2-Chlorophenol-d4	1.397	1.398	0.200	0.075	20.0
4-Methylphenol-d8	1.461	1.244	0.010	-14.8444	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/2/2024 12 12:22

Lab File ID: BN034333.D Init. Calib. Date(s):

EPA Sample No.: SSTD020327 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.166	0.050	4.1479	20.0
2-Nitrophenol-d4	0.164	0.177	0.050	7.9005	30.0
2,4-Dichlorophenol-d3	0.309	0.330	0.060	6.8063	20.0
4-Chloroaniline-d4	0.467	0.435	0.010	-6.9272	40.0
Dimethylphthalate-d6	1.495	1.443	0.300	-3.4513	20.0
Acenaphthylene-d8	1.681	1.698	0.400	1.0056	20.0
4-Nitrophenol-d4	0.307	0.258	0.010	-16.0262	40.0
Fluorene-d10	1.267	1.252	0.100	-1.1484	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.110	0.010	-7.6537	40.0
Anthracene-d10	0.940	0.937	0.300	-0.3115	20.0
Pyrene-d10	1.114	1.109	0.300	-0.4935	25.0
Benzo(a)pyrene-d12	1.027	1.062	0.010	3.3295	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.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/2/2024 12 21:32

Lab File ID: BN034346.D Init. Calib. Date(s):

EPA Sample No.: SSTD020328 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	0.483	0.010	-6.5776	40.0
Benzaldehyde	0.937	0.705	0.010	-24.7753	40.0
Pyridine	1.491	1.269	0.010	-14.8493	40.0
Phenol	1.848	1.552	0.080	-16.024	20.0
Bis(2-Chloroethyl)ether	1.436	1.270	0.100	-11.6075	20.0
2-Chlorophenol	1.432	1.363	0.200	-4.8051	20.0
2-Methylphenol	1.381	1.189	0.010	-13.9125	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.676	0.010	-20.8653	40.0
Acetophenone	2.314	1.909	0.060	-17.4823	20.0
4-Methylphenol	1.537	1.265	0.010	-17.7165	20.0
N-Nitroso-di-n-propylamine	1.146	0.925	0.050	-19.268	30.0
Hexachloroethane	0.604	0.563	0.100	-6.6942	20.0
Nitrobenzene	0.399	0.343	0.050	-13.9113	25.0
Isophorone	0.736	0.630	0.050	-14.3436	25.0
2-Nitrophenol	0.183	0.183	0.050	0.0099	25.0
2,4-Dimethylphenol	0.377	0.334	0.050	-11.6388	25.0
Bis(2-Chloroethoxy)methane	0.453	0.410	0.050	-9.4107	20.0
2,4-Dichlorophenol	0.313	0.313	0.060	0.2596	20.0
Naphthalene	1.094	1.063	0.200	-2.8069	20.0
4-Chloroaniline	0.461	0.392	0.010	-14.9052	40.0
Hexachlorobutadiene	0.201	0.208	0.040	3.5992	30.0
Caprolactam	0.124	0.097	0.010	-22.0678	40.0
4-Chloro-3-methylphenol	0.368	0.298	0.040	-19.0611	25.0
1-Methylnaphthalene	0.763	0.715	0.100	-6.31	20.0
2-Methylnaphthalene	0.754	0.698	0.100	-7.4155	20.0
Hexachlorocyclopentadiene	0.355	0.330	0.010	-7.1205	40.0
2,4,6-Trichlorophenol	0.383	0.387	0.090	1.0915	25.0
2,4,5-Trichlorophenol	0.420	0.426	0.100	1.3098	25.0
1,1-Biphenyl	1.508	1.467	0.200	-2.6772	20.0
2-Chloronaphthalene	1.175	1.164	0.300	-0.8812	20.0
2-Nitroaniline	0.380	0.279	0.050	-26.4972	40.0
Dimethylphthalate	1.523	1.387	0.300	-8.9524	20.0
2,6-Dinitrotoluene	0.300	0.280	0.080	-6.5284	30.0
Acenaphthylene	1.840	1.842	0.400	0.124	20.0
3-Nitroaniline	0.331	0.253	0.010	-23.772	40.0
Acenaphthene	1.314	1.244	0.200	-5.2615	20.0
2,4-Dinitrophenol	0.176	0.142	0.010	-19.2589	40.0
4-Nitrophenol	0.261	0.197	0.010	-24.2234	40.0
Dibenzofuran	1.796	1.650	0.300	-8.1514	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/2/2024 12 21:32

Lab File ID: BN034346.D Init. Calib. Date(s):

EPA Sample No.: SSTD020328 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	0.393	0.070	-13.0808	30.0
Diethylphthalate	1.592	1.378	0.300	-13.4063	20.0
Fluorene	1.469	1.322	0.200	-10.0574	20.0
4-Chlorophenyl-phenylether	0.712	0.685	0.100	-3.8799	20.0
4-Nitroaniline	0.341	0.239	0.010	-29.9774	40.0
4,6-Dinitro-2-methylphenol	0.132	0.115	0.010	-12.8083	40.0
N-Nitrosodiphenylamine	0.599	0.605	0.050	0.9742	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.612	0.100	5.9378	20.0
4-Bromophenyl-phenylether	0.203	0.224	0.070	10.15	20.0
Hexachlorobenzene	0.236	0.259	0.050	9.9364	25.0
Atrazine	0.217	0.196	0.010	-9.7475	25.0
Pentachlorophenol	0.157	0.156	0.010	-0.4524	40.0
Phenanthrene	1.103	1.067	0.200	-3.2359	20.0
Pentachlorobenzene	0.283	0.318	0.050	12.1556	20.0
Anthracene	1.126	1.086	0.200	-3.5746	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.323	0.050	16.1126	20.0
Carbazole	1.036	0.930	0.050	-10.2741	40.0
Di-n-butylphthalate	1.318	1.193	0.500	-9.4282	25.0
Fluoranthene	1.303	1.293	0.400	-0.727	25.0
Pyrene	1.400	1.341	0.400	-4.2464	25.0
Butylbenzylphthalate	0.628	0.564	0.100	-10.1921	40.0
3,3-Dichlorobenzidine	0.449	0.403	0.010	-10.2161	40.0
Benzo(a)anthracene	1.426	1.341	0.300	-5.9358	30.0
Chrysene	1.361	1.264	0.200	-7.136	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.891	0.200	-3.0624	40.0
Di-n-octyl phthalate	1.331	1.239	0.010	-6.9092	40.0
Benzo(b)fluoranthene	1.219	1.160	0.200	-4.8597	25.0
Benzo(k)fluoranthene	1.203	1.200	0.200	-0.2081	25.0
Benzo(a)pyrene	1.152	1.139	0.200	-1.1092	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.465	0.200	2.6374	25.0
Dibenzo(a,h)anthracene	1.154	1.209	0.200	4.8381	30.0
Benzo(g,h,i)perylene	1.108	1.169	0.200	5.5323	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.342	0.040	-2.0907	20.0
1,4-Dioxane-d8	0.490	0.465	0.010	-5.0831	25.0
Pyridine-d5	1.457	1.221	0.010	-16.1889	40.0
Phenol-d5	1.775	1.530	0.010	-13.8291	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.908	0.050	-17.5477	25.0
2-Chlorophenol-d4	1.397	1.380	0.200	-1.264	20.0
4-Methylphenol-d8	1.461	1.247	0.010	-14.6028	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/2/2024 12 21:32

Lab File ID: BN034346.D Init. Calib. Date(s):

EPA Sample No.: SSTD020328 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	-0.5256	20.0
2-Nitrophenol-d4	0.164	0.173	0.050	5.6809	30.0
2,4-Dichlorophenol-d3	0.309	0.312	0.060	1.1878	20.0
4-Chloroaniline-d4	0.467	0.410	0.010	-12.256	40.0
Dimethylphthalate-d6	1.495	1.372	0.300	-8.2279	20.0
Acenaphthylene-d8	1.681	1.638	0.400	-2.5821	20.0
4-Nitrophenol-d4	0.307	0.221	0.010	-27.9868	40.0
Fluorene-d10	1.267	1.163	0.100	-8.1616	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.106	0.010	-11.2966	40.0
Anthracene-d10	0.940	0.908	0.300	-3.433	20.0
Pyrene-d10	1.114	1.071	0.300	-3.8939	25.0
Benzo(a)pyrene-d12	1.027	0.998	0.010	-2.8131	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.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/3/2024 12 07:21

Lab File ID: BN034359.D Init. Calib. Date(s):

EPA Sample No.: SSTD020329 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	0.489	0.010	-5.4895	40.0
Benzaldehyde	0.937	0.698	0.010	-25.4643	40.0
Pyridine	1.491	1.311	0.010	-12.0529	40.0
Phenol	1.848	1.581	0.080	-14.4335	20.0
Bis(2-Chloroethyl)ether	1.436	1.267	0.100	-11.772	20.0
2-Chlorophenol	1.432	1.415	0.200	-1.2068	20.0
2-Methylphenol	1.381	1.208	0.010	-12.548	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.631	0.010	-23.007	40.0
Acetophenone	2.314	1.905	0.060	-17.6466	20.0
4-Methylphenol	1.537	1.303	0.010	-15.2113	20.0
N-Nitroso-di-n-propylamine	1.146	0.896	0.050	-21.8111	30.0
Hexachloroethane	0.604	0.568	0.100	-5.9777	20.0
Nitrobenzene	0.399	0.347	0.050	-12.9368	25.0
Isophorone	0.736	0.621	0.050	-15.6269	25.0
2-Nitrophenol	0.183	0.184	0.050	0.0248	25.0
2,4-Dimethylphenol	0.377	0.330	0.050	-12.4826	25.0
Bis(2-Chloroethoxy)methane	0.453	0.401	0.050	-11.4181	20.0
2,4-Dichlorophenol	0.313	0.313	0.060	0.14	20.0
Naphthalene	1.094	1.067	0.200	-2.4685	20.0
4-Chloroaniline	0.461	0.403	0.010	-12.4354	40.0
Hexachlorobutadiene	0.201	0.202	0.040	0.9537	30.0
Caprolactam	0.124	0.104	0.010	-16.652	40.0
4-Chloro-3-methylphenol	0.368	0.307	0.040	-16.6142	25.0
1-Methylnaphthalene	0.763	0.713	0.100	-6.4657	20.0
2-Methylnaphthalene	0.754	0.697	0.100	-7.4686	20.0
Hexachlorocyclopentadiene	0.355	0.332	0.010	-6.4364	40.0
2,4,6-Trichlorophenol	0.383	0.389	0.090	1.6133	25.0
2,4,5-Trichlorophenol	0.420	0.417	0.100	-0.9349	25.0
1,1-Biphenyl	1.508	1.471	0.200	-2.4701	20.0
2-Chloronaphthalene	1.175	1.170	0.300	-0.4058	20.0
2-Nitroaniline	0.380	0.298	0.050	-21.5964	40.0
Dimethylphthalate	1.523	1.388	0.300	-8.8981	20.0
2,6-Dinitrotoluene	0.300	0.287	0.080	-4.4618	30.0
Acenaphthylene	1.840	1.836	0.400	-0.1972	20.0
3-Nitroaniline	0.331	0.280	0.010	-15.5128	40.0
Acenaphthene	1.314	1.248	0.200	-5.0055	20.0
2,4-Dinitrophenol	0.176	0.172	0.010	-2.4375	40.0
4-Nitrophenol	0.261	0.234	0.010	-10.0705	40.0
Dibenzofuran	1.796	1.713	0.300	-4.6338	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/3/2024 12 07:21

Lab File ID: BN034359.D Init. Calib. Date(s):

EPA Sample No.: SSTD020329 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	0.429	0.070	-5.1011	30.0
Diethylphthalate	1.592	1.401	0.300	-12.0109	20.0
Fluorene	1.469	1.404	0.200	-4.4441	20.0
4-Chlorophenyl-phenylether	0.712	0.691	0.100	-2.9228	20.0
4-Nitroaniline	0.341	0.267	0.010	-21.8639	40.0
4,6-Dinitro-2-methylphenol	0.132	0.120	0.010	-9.4232	40.0
N-Nitrosodiphenylamine	0.599	0.570	0.050	-4.9024	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.609	0.100	5.4805	20.0
4-Bromophenyl-phenylether	0.203	0.203	0.070	-0.0257	20.0
Hexachlorobenzene	0.236	0.243	0.050	3.1883	25.0
Atrazine	0.217	0.188	0.010	-13.324	25.0
Pentachlorophenol	0.157	0.154	0.010	-2.0304	40.0
Phenanthrene	1.103	1.050	0.200	-4.8021	20.0
Pentachlorobenzene	0.283	0.280	0.050	-1.1264	20.0
Anthracene	1.126	1.104	0.200	-1.9549	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.290	0.050	4.3429	20.0
Carbazole	1.036	0.969	0.050	-6.4992	40.0
Di-n-butylphthalate	1.318	1.153	0.500	-12.4709	25.0
Fluoranthene	1.303	1.242	0.400	-4.6732	25.0
Pyrene	1.400	1.290	0.400	-7.8686	25.0
Butylbenzylphthalate	0.628	0.541	0.100	-13.8821	40.0
3,3-Dichlorobenzidine	0.449	0.422	0.010	-6.0461	40.0
Benzo(a)anthracene	1.426	1.354	0.300	-5.0402	30.0
Chrysene	1.361	1.297	0.200	-4.6437	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.824	0.200	-10.3799	40.0
Di-n-octyl phthalate	1.331	1.152	0.010	-13.4669	40.0
Benzo(b)fluoranthene	1.219	1.179	0.200	-3.3527	25.0
Benzo(k)fluoranthene	1.203	1.147	0.200	-4.6315	25.0
Benzo(a)pyrene	1.152	1.133	0.200	-1.6812	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.418	0.200	-0.6208	25.0
Dibenzo(a,h)anthracene	1.154	1.177	0.200	2.0634	30.0
Benzo(g,h,i)perylene	1.108	1.157	0.200	4.4682	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.363	0.040	4.075	20.0
1,4-Dioxane-d8	0.490	0.471	0.010	-3.8193	25.0
Pyridine-d5	1.457	1.290	0.010	-11.4405	40.0
Phenol-d5	1.775	1.548	0.010	-12.8061	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.899	0.050	-18.3445	25.0
2-Chlorophenol-d4	1.397	1.381	0.200	-1.1736	20.0
4-Methylphenol-d8	1.461	1.242	0.010	-14.961	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA_N Calibration Date/Time: 10/3/2024 12 07:21

Lab File ID: BN034359.D Init. Calib. Date(s):

EPA Sample No.: SSTD020329 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	-0.3003	20.0
2-Nitrophenol-d4	0.164	0.169	0.050	3.1233	30.0
2,4-Dichlorophenol-d3	0.309	0.313	0.060	1.2533	20.0
4-Chloroaniline-d4	0.467	0.427	0.010	-8.6081	40.0
Dimethylphthalate-d6	1.495	1.383	0.300	-7.4544	20.0
Acenaphthylene-d8	1.681	1.669	0.400	-0.76	20.0
4-Nitrophenol-d4	0.307	0.261	0.010	-14.9799	40.0
Fluorene-d10	1.267	1.212	0.100	-4.3236	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.111	0.010	-6.8931	40.0
Anthracene-d10	0.940	0.908	0.300	-3.4763	20.0
Pyrene-d10	1.114	1.052	0.300	-5.5873	25.0
Benzo(a)pyrene-d12	1.027	0.979	0.010	-4.6751	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034334.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

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

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034334.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034334.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.627		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	22.896		20-120		57	SPK: -40
4165-62-2	Phenol-d5	23.567		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.402		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.606		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.254		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.247		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.752		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.649		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.394		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.072		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.448		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.93		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	27.272		20-140		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034334.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.55		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.678		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	28.12		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.518		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219135	7.387				
1146-65-2	Naphthalene-d8	875759	10.14				
15067-26-2	Acenaphthene-d10	542214	14.039				
1517-22-2	Phenanthrene-d10	1125612	16.798				
1719-03-5	Chrysene-d12	1087275	21.033				
1520-96-3	Perylene-d12	1346506	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

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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:	DCVW4			SDG No.:	BN100224
Lab Sample ID:	P4016-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034335.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.5	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.5	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.5	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.3	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.3	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.3	210	ug/Kg
78-59-1	Isophorone	43	U	43	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.3	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.3	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.3	210	ug/Kg

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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:	DCVW4			SDG No.:	BN100224
Lab Sample ID:	P4016-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034335.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.3	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.5	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.5	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.3	210	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51.3	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	330	J	46	99.5	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.3	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.3	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.3	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.5	210	ug/Kg

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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:	DCVW4			SDG No.:	BN100224
Lab Sample ID:	P4016-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034335.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.249		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	13.582		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.747		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.025		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.182		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.109		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.298		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.697		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.76		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.969		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.065		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.657		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.091		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	18.845		20-140		47	SPK: -40

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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:	DCVW4			SDG No.:	BN100224
Lab Sample ID:	P4016-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034335.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.125		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	19.666		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.955		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.588		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250107	7.387				
1146-65-2	Naphthalene-d8	1010295	10.139				
15067-26-2	Acenaphthene-d10	631314	14.039				
1517-22-2	Phenanthrene-d10	1232355	16.798				
1719-03-5	Chrysene-d12	1011649	21.033				
1520-96-3	Perylene-d12	1206239	23.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	84	J			15.422	
E966796	Total Alkanes	56	U			99	ug/Kg

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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:	DCVW5			SDG No.:	BN100224
Lab Sample ID:	P4016-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.3
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
BN034336.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.5	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.5	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.5	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.5	210	ug/Kg

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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:	DCVW5			SDG No.:	BN100224
Lab Sample ID:	P4016-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.3
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
BN034336.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.5	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.5	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.5	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	65	U	65	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.5	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.5	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.5	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

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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:	DCVW5			SDG No.:	BN100224
Lab Sample ID:	P4016-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.3
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
BN034336.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.5	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.295		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	12.966		20-120		32	SPK: -40
4165-62-2	Phenol-d5	14.579		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.733		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.56		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	14.361		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.989		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.676		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.293		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.583		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.981		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.03		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.792		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	17.883		20-140		45	SPK: -40

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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:	DCVW5			SDG No.:	BN100224
Lab Sample ID:	P4016-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.3
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
BN034336.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.553		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	18.485		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.206		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.791		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229133	7.387				
1146-65-2	Naphthalene-d8	895037	10.14				
15067-26-2	Acenaphthene-d10	517079	14.04				
1517-22-2	Phenanthrene-d10	999968	16.798				
1719-03-5	Chrysene-d12	922372	21.027				
1520-96-3	Perylene-d12	1142260	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC20			SDG No.:	BN100224
Lab Sample ID:	P4016-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034337.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	98.8	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	98.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.8	400	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.9	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.8	400	ug/Kg
98-86-2	Acetophenone	71	U	71	98.8	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.9	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.9	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.9	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	50.9	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	50.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.9	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	73	J	23	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	100	J	44	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	50.9	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC20			SDG No.:	BN100224
Lab Sample ID:	P4016-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034337.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.9	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.8	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.8	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.8	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	50.9	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.9	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	98.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.8	400	ug/Kg
87-86-5	Pentachlorophenol	31000	E	46	98.8	400	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.9	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.9	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.9	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	98.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC20			SDG No.:	BN100224
Lab Sample ID:	P4016-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034337.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.9	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	98.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		62	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.936		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	11.712		20-120		29	SPK: -40
4165-62-2	Phenol-d5	12.898		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.817		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.628		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	12.415		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	13.541		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.577		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.312		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.373		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.796		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.044		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.318		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	15.261		20-140		38	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC20			SDG No.:	BN100224
Lab Sample ID:	P4016-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034337.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.804		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	15.056		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	15.189		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.374		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245834	7.387				
1146-65-2	Naphthalene-d8	1007278	10.14				
15067-26-2	Acenaphthene-d10	631847	14.04				
1517-22-2	Phenanthrene-d10	1358022	16.804				
1719-03-5	Chrysene-d12	1308021	21.028				
1520-96-3	Perylene-d12	1614263	23.745				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.452	250	J			5.452	
000107-41-5	Hexylene glycol	170	J			5.764	
	(DEL) Alkane: Straight-Chain5.981	110	J			5.981	
	(DEL) Alkane: Cyclic6.052	110	J			6.052	
	(DEL) Alkane: Straight-Chain6.405	120	J			6.405	
	(DEL) Alkane: Straight-Chain6.464	160	J			6.464	
	(DEL) Alkane: Straight-Chain7.028	870	J			7.028	
	(DEL) Alkane: Straight-Chain7.658	180	J			7.658	
	(DEL) Alkane: Straight-Chain7.922	280	J			7.922	
	(DEL) Alkane: Straight-Chain7.981	140	J			7.981	
	(DEL) Alkane: Straight-Chain8.152	180	J			8.152	
	(DEL) Alkane: Straight-Chain8.616	1000	J			8.616	
	unknown-01	250	J			8.722	
	(DEL) Alkane: Straight-Chain9.458	85	J			9.458	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	220	J			10.54	
	unknown-02	91	J			10.846	
	(DEL) Alkane: Straight-Chain11.193	160	J			11.193	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC20			SDG No.:	BN100224
Lab Sample ID:	P4016-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034337.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	290	J			11.257	
	unknown-03	110	J			11.434	
	(DEL) Alkane: Straight-Chain11.599	310	J			11.599	
	unknown-04	110	J			11.634	
	unknown-05	94	J			11.687	
045235-48-1	1-Decanol, 2-octyl-	140	J			12.263	
	(DEL) Alkane: Straight-Chain12.440	87	J			12.44	
	(DEL) Alkane: Straight-Chain12.581	140	J			12.581	
	(DEL) Alkane: Straight-Chain12.881	430	J			12.881	
000581-42-0	Naphthalene, 2,6-dimethyl-	190	J			13.193	
000582-16-1	Naphthalene, 2,7-dimethyl-	150	J			13.351	
000575-43-9	Naphthalene, 1,6-dimethyl-	200	J			13.41	
1000309-20-2	Sulfurous acid, 2-ethylhexyl hexyl	200	J			13.551	
1000309-39-2	Oxalic acid, 2-ethylhexyl nonyl es	1600	J			13.975	
	unknown-06	150	J			14.146	
004948-51-0	9-Methyl-S-octahydroanthracene	480	J			14.198	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	80	J			14.528	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	170	J			14.598	
000941-81-1	4,6,8-Trimethylazulene	340	J			14.816	
	(DEL) Alkane: Straight-Chain14.934	540	J			14.934	
	(DEL) Alkane: Straight-Chain15.345	250	J			15.345	
	unknown-07	160	J			15.422	
	(DEL) Alkane: Straight-Chain15.557	81	J			15.557	
	(DEL) Alkane: Straight-Chain15.804	410	J			15.804	
016530-58-8	2-(4-Hydroxyphenyl)-2-(4-methoxy	91	J			15.898	
	unknown-08	91	J			15.987	
	(DEL) Alkane: Straight-Chain16.598	270	J			16.598	
	(DEL) Alkane: Straight-Chain16.645	260	J			16.645	
	unknown-09	130	J			16.957	
	(DEL) Alkane: Straight-Chain17.734	260	J			17.334	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC20			SDG No.:	BN100224
Lab Sample ID:	P4016-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034337.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	200	J			17.381	
000057-10-3	n-Hexadecanoic acid	120	J			17.728	
	(DEL) Alkane: Straight-Chain18.028	190	J			18.028	
	(DEL) Alkane: Straight-Chain18.675	180	J			18.675	
	(DEL) Alkane: Straight-Chain19.263	110	J			19.263	
	(DEL) Alkane: Straight-Chain19.804	150	J			19.804	
005333-42-6	1-Dodecanol, 2-octyl-	190	J			20.769	
	(DEL) Alkane: Straight-Chain21.780	110	J			21.78	
003268-87-9	Octachlorodibenzo-p-dioxin	140	J			25.827	
E966796	Total Alkanes	7400				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC21			SDG No.:	BN100224
Lab Sample ID:	P4016-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.9
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
BN034338.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.8	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.8	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.8	210	ug/Kg
78-59-1	Isophorone	55	J	44	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.8	210	ug/Kg
91-20-3	Naphthalene	66	J	40	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.8	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	23	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	200	J	45	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	51.8	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC21			SDG No.:	BN100224
Lab Sample ID:	P4016-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.9
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
BN034338.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.8	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.8	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.8	210	ug/Kg
86-73-7	Fluorene	71	U	71	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.8	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	16000	E	46	100	400	ug/Kg
85-01-8	Phenanthrene	65	U	65	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.8	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.8	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.8	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC21			SDG No.:	BN100224
Lab Sample ID:	P4016-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.9
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
BN034338.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	51.8	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		63	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.946		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	8.039		20-120		20	SPK: -40
4165-62-2	Phenol-d5	13.78		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.306		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.845		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	13.637		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.957		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.001		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.469		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.394		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.515		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.477		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.518		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	16.311		20-140		41	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC21			SDG No.:	BN100224
Lab Sample ID:	P4016-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.9
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
BN034338.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.271		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	16.91		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	15.973		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.854		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254432	7.387				
1146-65-2	Naphthalene-d8	1020322	10.14				
15067-26-2	Acenaphthene-d10	638925	14.04				
1517-22-2	Phenanthrene-d10	1318244	16.798				
1719-03-5	Chrysene-d12	1334355	21.027				
1520-96-3	Perylene-d12	1620173	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.452	550	J			5.452	
000107-41-5	Hexylene glycol	150	J			5.758	
	(DEL) Alkane: Straight-Chain5.981	160	J			5.981	
	(DEL) Alkane: Cyclic6.052	180	J			6.052	
	(DEL) Alkane: Straight-Chain6.405	170	J			6.405	
	(DEL) Alkane: Straight-Chain6.464	220	J			6.464	
	(DEL) Alkane: Straight-Chain7.028	1300	J			7.028	
000104-76-7	1-Hexanol, 2-ethyl-	790	J			7.463	
	(DEL) Alkane: Straight-Chain7.922	260	J			7.922	
	(DEL) Alkane: Straight-Chain7.981	150	J			7.981	
	(DEL) Alkane: Straight-Chain8.152	180	J			8.152	
	(DEL) Alkane: Straight-Chain8.616	1100	J			8.616	
	unknown-01	160	J			8.722	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	170	J			9.675	
	unknown-02	140	J			10.052	
	unknown-03	110	J			10.84	
	(DEL) Alkane: Straight-Chain11.193	180	J			11.193	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC21			SDG No.:	BN100224
Lab Sample ID:	P4016-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.9
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
BN034338.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	440	J			11.257	
	(DEL) Alkane: Straight-Chain11.599	340	J			11.599	
1000282-96-6	2-Fluorobenzoic acid, heptadecyl e	120	J			11.687	
1000309-24-3	Oxalic acid, allyl pentadecyl este	220	J			12.263	
	(DEL) Alkane: Straight-Chain12.581	170	J			12.581	
	(DEL) Alkane: Straight-Chain12.881	500	J			12.881	
000575-37-1	Naphthalene, 1,7-dimethyl-	140	J			13.193	
000575-41-7	Naphthalene, 1,3-dimethyl-	180	J			13.351	
000582-16-1	Naphthalene, 2,7-dimethyl-	270	J			13.404	
	(DEL) Alkane: Straight-Chain13.551	150	J			13.551	
000575-43-9	Naphthalene, 1,6-dimethyl-	110	J			13.593	
007659-86-1	2-Ethylhexyl mercaptoacetate	2700	J			13.975	
	(DEL) Alkane: Cyclic14.151	520	J			14.151	
032962-25-7	1H-Indole, 4-(3-methyl-2-butenyl)-	760	J			14.198	
	unknown-04	190	J			14.381	
	(DEL) Alkane: Straight-Chain14.598	160	J			14.598	
004948-51-0	9-Methyl-S-octahydroanthracene	190	J			14.763	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	1100	J			14.816	
019218-94-1	Tetradecane, 1-iodo-	710	J			14.934	
016387-18-1	Propanoic acid, 2,2-dimethyl-, 2-e	140	J			14.993	
	(DEL) Alkane: Straight-Chain15.345	300	J			15.345	
	unknown-05	160	J			15.422	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	410	J			15.704	
	(DEL) Alkane: Straight-Chain15.804	500	J			15.804	
1000420-42-1	Acetamide, 2-(4-methoxyphenyl)-N-m	220	J			15.887	
010275-58-8	Naphthalene, 2,7-bis(1,1-dimethyle	170	J			15.992	
	unknown-06	230	J			16.134	
	(DEL) Alkane: Straight-Chain16.598	310	J			16.598	
	(DEL) Alkane: Straight-Chain16.645	170	J			16.645	
	unknown-07	130	J			16.957	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC21			SDG No.:	BN100224
Lab Sample ID:	P4016-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.9
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
BN034338.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	120	J			17.098	
	(DEL) Alkane: Straight-Chain17.334	340	J			17.334	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	110	J			17.381	
000057-10-3	n-Hexadecanoic acid	130	J			17.728	
	(DEL) Alkane: Straight-Chain18.028	210	J			18.028	
	(DEL) Alkane: Straight-Chain18.675	200	J			18.675	
	(DEL) Alkane: Straight-Chain19.263	110	J			19.263	
	(DEL) Alkane: Straight-Chain19.804	180	J			19.804	
	(DEL) Alkane: Straight-Chain20.304	94	J			20.304	
002456-28-2	Decane, 1,1-oxybis-	310	J			20.775	
	(DEL) Alkane: Straight-Chain21.251	140	J			21.251	
	(DEL) Alkane: Straight-Chain21.669	98	J			21.669	
	(DEL) Alkane: Straight-Chain21.775	140	J			21.775	
E966796	Total Alkanes	9100				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC22			SDG No.:	BN100224
Lab Sample ID:	P4016-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034339.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	55	U	55	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.4	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.4	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.4	210	ug/Kg
78-59-1	Isophorone	260		44	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.4	210	ug/Kg
91-20-3	Naphthalene	220		41	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.4	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	350		23	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	580		46	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC22			SDG No.:	BN100224
Lab Sample ID:	P4016-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034339.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	70	J	57	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.4	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.4	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.4	210	ug/Kg
86-73-7	Fluorene	71	U	71	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.4	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	30000	E	47	100	410	ug/Kg
85-01-8	Phenanthrene	120	J	65	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.4	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.4	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.4	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC22			SDG No.:	BN100224
Lab Sample ID:	P4016-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034339.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.4	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3600	E	64	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.252		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	5.255	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	16.357		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.026		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.71		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.6		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	19.106		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.663		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.579		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.361		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.701		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.423		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.386		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	19.51		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC22			SDG No.:	BN100224
Lab Sample ID:	P4016-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034339.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.892		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	19.734		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	19.338		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.65		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247071	7.387				
1146-65-2	Naphthalene-d8	989699	10.14				
15067-26-2	Acenaphthene-d10	639176	14.04				
1517-22-2	Phenanthrene-d10	1340801	16.804				
1719-03-5	Chrysene-d12	1326694	21.028				
1520-96-3	Perylene-d12	1608562	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	420	J			3.699	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	440	A			4.587	
	(DEL) Alkane: Straight-Chain5.452	1100	J			5.452	
000107-41-5	Hexylene glycol	810	J			5.775	
	(DEL) Alkane: Straight-Chain5.981	290	J			5.981	
	(DEL) Alkane: Cyclic6.052	340	J			6.052	
	(DEL) Alkane: Straight-Chain6.411	360	J			6.411	
	(DEL) Alkane: Straight-Chain6.464	450	J			6.464	
	(DEL) Alkane: Straight-Chain7.034	2700	J			7.034	
000104-76-7	1-Hexanol, 2-ethyl-	2100	J			7.469	
	unknown-01	440	J			7.634	
001074-43-7	Benzene, 1-methyl-3-propyl-	560	J			7.928	
	(DEL) Alkane: Straight-Chain7.981	290	J			7.981	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	270	J			8.022	
	(DEL) Alkane: Straight-Chain8.052	350	J			8.052	
	(DEL) Alkane: Straight-Chain8.158	420	J			8.158	
	(DEL) Alkane: Straight-Chain8.616	2100	J			8.616	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC22			SDG No.:	BN100224
Lab Sample ID:	P4016-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034339.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	660	J			8.728	
	(DEL) Alkane: Straight-Chain9.458	110	J			9.458	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	490	J			9.693	
	unknown-03	300	J			10.058	
	unknown-04	420	J			10.546	
	(DEL) Alkane: Straight-Chain11.193	270	J			11.193	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	710	J			11.258	
	(DEL) Alkane: Straight-Chain11.605	520	J			11.605	
	unknown-05	520	J			12.269	
	(DEL) Alkane: Straight-Chain12.587	440	J			12.587	
000575-43-9	Naphthalene, 1,6-dimethyl-	280	J			13.193	
000581-40-8	Naphthalene, 2,3-dimethyl-	340	J			13.352	
000581-42-0	Naphthalene, 2,6-dimethyl-	550	J			13.404	
	(DEL) Alkane: Straight-Chain13.552	360	J			13.552	
007659-86-1	2-Ethylhexyl mercaptoacetate	4400	J			13.981	
	(DEL) Alkane: Cyclic14.152	770	J			14.152	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	2000	J			14.204	
	unknown-06	410	J			14.387	
	(DEL) Alkane: Straight-Chain14.559	340	J			14.599	
004948-51-0	9-Methyl-S-octahydroanthracene	550	J			14.763	
1000080-19-4	1,2,3,4,5,6,7,8-Octahydro-1-methyl	2500	J			14.822	
	(DEL) Alkane: Straight-Chain14.940	1500	J			14.94	
016387-18-1	Propanoic acid, 2,2-dimethyl-, 2-e	340	J			14.993	
	(DEL) Alkane: Straight-Chain15.345	690	J			15.345	
	unknown-07	310	J			15.428	
	(DEL) Alkane: Straight-Chain15.563	230	J			15.563	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	960	J			15.704	
	(DEL) Alkane: Straight-Chain15.804	1000	J			15.804	
	unknown-08	440	J			15.898	
1010303-70-7	2,3-Dihydrothieno[3,4-b][1,4]dioxi	430	J			15.998	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC22			SDG No.:	BN100224
Lab Sample ID:	P4016-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034339.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-09	600	J			16.134	
	(DEL) Alkane: Straight-Chain16.598	700	J			16.598	
013187-99-0	2-Bromo dodecane	410	J			16.651	
035599-77-0	Tridecane, 1-iodo-	700	J			17.34	
	(DEL) Alkane: Straight-Chain18.028	460	J			18.028	
	(DEL) Alkane: Straight-Chain18.675	490	J			18.675	
	(DEL) Alkane: Straight-Chain19.263	310	J			19.263	
	(DEL) Alkane: Straight-Chain19.798	550	J			19.798	
1000383-14-0	Carbonic acid, 2-ethylhexyl tridec	710	J			20.775	
	(DEL) Alkane: Straight-Chain21.251	330	J			21.251	
	(DEL) Alkane: Straight-Chain21.775	360	J			21.775	
E966796	Total Alkanes	18000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23			SDG No.:	BN100224
Lab Sample ID:	P4016-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BN034340.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.7	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.7	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.7	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.7	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.7	210	ug/Kg
91-20-3	Naphthalene	2200		40	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.7	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	3200	E	23	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	5400	E	45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	J	61	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480		60	51.7	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23			SDG No.:	BN100224
Lab Sample ID:	P4016-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BN034340.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	450		56	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.7	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	150	J	61	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.7	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.7	210	ug/Kg
86-73-7	Fluorene	320		71	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	100000	E	46	100	400	ug/Kg
85-01-8	Phenanthrene	840		64	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.7	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.7	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.7	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23			SDG No.:	BN100224
Lab Sample ID:	P4016-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BN034340.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.7	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	52	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	16000	E	63	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.387		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	19.794		20-120		49	SPK: -40
4165-62-2	Phenol-d5	28.017		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.375		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.051		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	25.402		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	35.756		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.662		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.027		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.994		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.371		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.479		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.276		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	26.084		20-140		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23			SDG No.:	BN100224
Lab Sample ID:	P4016-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BN034340.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.527		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	26.438		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	26.381		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.923		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202172	7.392				
1146-65-2	Naphthalene-d8	740827	10.151				
15067-26-2	Acenaphthene-d10	567464	14.051				
1517-22-2	Phenanthrene-d10	1113157	16.833				
1719-03-5	Chrysene-d12	1135951	21.033				
1520-96-3	Perylene-d12	1395983	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.463	1200	J			5.463	
	(DEL) Alkane: Cyclic5.704	330	J			5.704	
000107-41-5	Hexylene glycol	940	J			5.834	
	(DEL) Alkane: Straight-Chain5.916	400	J			5.916	
	(DEL) Alkane: Straight-Chain5.993	410	J			5.993	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	490	J			6.057	
	(DEL) Alkane: Straight-Chain6.322	360	J			6.322	
000103-65-1	Benzene, propyl-	470	J			6.387	
	(DEL) Alkane: Straight-Chain6.422	490	J			6.422	
	(DEL) Alkane: Straight-Chain6.481	770	J			6.481	
000620-14-4	Benzene, 1-ethyl-3-methyl-	370	J			6.51	
000611-14-3	Benzene, 1-ethyl-2-methyl-	550	J			6.798	
019549-80-5	2-Heptanone, 4,6-dimethyl-	550	J			6.857	
	(DEL) Alkane: Straight-Chain7.057	2100	J			7.057	
	(DEL) Alkane: Straight-Chain7.245	300	J			7.245	
000104-76-7	1-Hexanol, 2-ethyl-	1300	J			7.498	
005989-27-5	D-Limonene	680	J			7.628	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23			SDG No.:	BN100224
Lab Sample ID:	P4016-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BN034340.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic7.681	700	J			7.681	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	330	J			7.834	
000141-93-5	Benzene, 1,3-diethyl-	370	J			7.887	
001074-43-7	Benzene, 1-methyl-3-propyl-	990	J			7.945	
	(DEL) Alkane: Straight-Chain7.998	510	J			7.998	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	470	J			8.039	
	(DEL) Alkane: Straight-Chain8.175	810	J			8.175	
000527-84-4	o-Cymene	500	J			8.398	
	(DEL) Alkane: Straight-Chain8.651	1900	J			8.651	
	unknown-01	850	J			8.745	
	(DEL) Alkane: Cyclic9.186	140	J			9.186	
	(DEL) Alkane: Straight-Chain9.475	230	J			9.475	
	(DEL) Alkane: Straight-Chain9.534	130	J			9.534	
	(DEL) Alkane: Straight-Chain9.616	120	J			9.616	
	(DEL) Alkane: Straight-Chain9.716	190	J			9.716	
	(DEL) Alkane: Straight-Chain10.345	100	J			10.345	
	unknown-02	450	J			10.563	
	(DEL) Alkane: Straight-Chain11.628	470	J			11.628	
	(DEL) Alkane: Cyclic11.657	190	J			11.657	
	unknown-03	790	J			12.28	
066563-30-2	Bacchotricuneatin c	1200	J			12.598	
002349-07-7	Propanoic acid, 2-methyl-, hexyl e	690	J			12.81	
000141-86-6	2,6-Pyridinediamine	790	J			13.104	
000575-41-7	Naphthalene, 1,3-dimethyl-	1200	J			13.21	
000582-16-1	Naphthalene, 2,7-dimethyl-	1200	J			13.369	
000569-41-5	Naphthalene, 1,8-dimethyl-	1500	J			13.422	
	(DEL) Alkane: Straight-Chain13.569	1900	J			13.569	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	3100	J			13.998	
004948-51-0	9-Methyl-S-octahydroanthracene	2000	J			14.216	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	840	J			14.545	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23			SDG No.:	BN100224
Lab Sample ID:	P4016-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BN034340.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain14.610	950	J			14.61	
000941-81-1	4,6,8-Trimethylazulene	2900	J			14.839	
	(DEL) Alkane: Straight-Chain14.957	2400	J			14.957	
	(DEL) Alkane: Straight-Chain15.357	1800	J			15.357	
	unknown-04	1400	J			15.71	
	(DEL) Alkane: Straight-Chain15.821	2400	J			15.821	
	(DEL) Alkane: Straight-Chain16.616	1500	J			16.616	
	(DEL) Alkane: Straight-Chain16.663	1600	J			16.663	
	(DEL) Alkane: Straight-Chain17.351	1600	J			17.351	
000112-39-0	Hexadecanoic acid, methyl ester	1600	J			17.521	
000613-12-7	Anthracene, 2-methyl-	720	J			17.745	
	(DEL) Alkane: Straight-Chain18.039	1400	J			18.039	
	(DEL) Alkane: Straight-Chain18.686	1500	J			18.686	
	(DEL) Alkane: Straight-Chain19.809	1100	J			19.809	
	(DEL) Alkane: Straight-Chain20.780	1800	J			20.78	
	(DEL) Alkane: Straight-Chain21.256	810	J			21.256	
000112-79-8	9-Octadecenoic acid, (E)-	930	J			21.668	
	(DEL) Alkane: Straight-Chain21.780	1200	J			21.78	
E966796	Total Alkanes	34000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MS			SDG No.:	BN100224
Lab Sample ID:	P4016-19MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.08	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
BN034341.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		15	8	81	ug/Kg
100-52-7	Benzaldehyde	2500		58	100	400	ug/Kg
110-86-1	Pyridine	1200		15	200	400	ug/Kg
108-95-2	Phenol	1100		55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		42	100	400	ug/Kg
95-57-8	2-Chlorophenol	1300		27	51.6	210	ug/Kg
95-48-7	2-Methylphenol	1100		47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		35	100	400	ug/Kg
98-86-2	Acetophenone	7500	E	72	100	400	ug/Kg
106-44-5	4-Methylphenol	960		50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		45	51.6	210	ug/Kg
67-72-1	Hexachloroethane	1300		19	51.6	210	ug/Kg
98-95-3	Nitrobenzene	1400		33	51.6	210	ug/Kg
78-59-1	Isophorone	1900		44	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	1600		36	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		10	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		38	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		41	51.6	210	ug/Kg
91-20-3	Naphthalene	3200		40	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	360	J	53	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	1600		32	51.6	210	ug/Kg
105-60-2	Caprolactam	820		49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		44	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	4200	E	23	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	6000	E	45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		61	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		59	51.6	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MS			SDG No.:	BN100224
Lab Sample ID:	P4016-19MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.08	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
BN034341.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		56	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	940		53	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	1100		27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	1000		46	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		32	51.6	210	ug/Kg
208-96-8	Acenaphthylene	1200		56	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	640		17	100	400	ug/Kg
83-32-9	Acenaphthene	1200		61	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		39	100	400	ug/Kg
100-02-7	4-Nitrophenol	1500		13	100	400	ug/Kg
132-64-9	Dibenzofuran	1100		49	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		16	51.6	210	ug/Kg
84-66-2	Diethylphthalate	1000		50	51.6	210	ug/Kg
86-73-7	Fluorene	1300		70	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	730		19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4800		47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		55	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		55	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		120	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		61	51.6	210	ug/Kg
1912-24-9	Atrazine	940		13	100	400	ug/Kg
87-86-5	Pentachlorophenol	100000	E	46	100	400	ug/Kg
85-01-8	Phenanthrene	1900		64	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	1300		44	51.6	210	ug/Kg
120-12-7	Anthracene	1200		57	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		6.8	51.6	210	ug/Kg
86-74-8	Carbazole	1100		74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	1100		69	51.6	210	ug/Kg
206-44-0	Fluoranthene	1200		55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MS			SDG No.:	BN100224
Lab Sample ID:	P4016-19MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.08	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
BN034341.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		56	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		52	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	510		30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1100		47	51.6	210	ug/Kg
218-01-9	Chrysene	1100		56	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		52	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		58	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		70	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1100		69	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		55	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		63	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		56	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	16000	E	63	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.796		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	18.668		20-120		47	SPK: -40
4165-62-2	Phenol-d5	26.963		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.646		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.564		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	23.413		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	35.409		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.138		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.458		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.028		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.285		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.313		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.262		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	23.388		20-140		58	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MS			SDG No.:	BN100224
Lab Sample ID:	P4016-19MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.08	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
BN034341.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.48		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	24.536		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.877		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.307		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215970	7.393				
1146-65-2	Naphthalene-d8	762812	10.152				
15067-26-2	Acenaphthene-d10	559270	14.051				
1517-22-2	Phenanthrene-d10	1064880	16.828				
1719-03-5	Chrysene-d12	1067803	21.039				
1520-96-3	Perylene-d12	1360061	23.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	56	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MSD			SDG No.:	BN100224
Lab Sample ID:	P4016-20MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.06	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
BN034342.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	520		15	8	81	ug/Kg
100-52-7	Benzaldehyde	2500		58	100	400	ug/Kg
110-86-1	Pyridine	1100		15	200	400	ug/Kg
108-95-2	Phenol	1100		55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		42	100	400	ug/Kg
95-57-8	2-Chlorophenol	1300		27	51.6	210	ug/Kg
95-48-7	2-Methylphenol	1100		47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		35	100	400	ug/Kg
98-86-2	Acetophenone	7400	E	72	100	400	ug/Kg
106-44-5	4-Methylphenol	970		50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		45	51.6	210	ug/Kg
67-72-1	Hexachloroethane	1300		19	51.6	210	ug/Kg
98-95-3	Nitrobenzene	1400		33	51.6	210	ug/Kg
78-59-1	Isophorone	1900		44	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	1600		36	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		10	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		38	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		41	51.6	210	ug/Kg
91-20-3	Naphthalene	3200		40	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	420		53	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	1500		32	51.6	210	ug/Kg
105-60-2	Caprolactam	810		49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		44	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	4200	E	23	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	6100	E	45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		61	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		59	51.6	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MSD			SDG No.:	BN100224
Lab Sample ID:	P4016-20MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.06	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
BN034342.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		56	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	930		53	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	1000		27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	1000		46	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		32	51.6	210	ug/Kg
208-96-8	Acenaphthylene	1100		56	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	630		17	100	400	ug/Kg
83-32-9	Acenaphthene	1200		61	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		39	100	400	ug/Kg
100-02-7	4-Nitrophenol	1500		13	100	400	ug/Kg
132-64-9	Dibenzofuran	1100		49	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		16	51.6	210	ug/Kg
84-66-2	Diethylphthalate	990		50	51.6	210	ug/Kg
86-73-7	Fluorene	1300		70	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	760		19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4700		47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		55	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		55	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		120	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		61	51.6	210	ug/Kg
1912-24-9	Atrazine	920		13	100	400	ug/Kg
87-86-5	Pentachlorophenol	98000	E	46	100	400	ug/Kg
85-01-8	Phenanthrene	1900		64	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	1300		44	51.6	210	ug/Kg
120-12-7	Anthracene	1200		57	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		6.8	51.6	210	ug/Kg
86-74-8	Carbazole	1100		74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	1100		69	51.6	210	ug/Kg
206-44-0	Fluoranthene	1100		55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MSD			SDG No.:	BN100224
Lab Sample ID:	P4016-20MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.06	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
BN034342.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		56	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		52	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	480		30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1100		47	51.6	210	ug/Kg
218-01-9	Chrysene	1100		56	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		52	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		58	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		70	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1100		69	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		55	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		63	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		56	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	16000	E	63	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.662		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	17.77		20-120		44	SPK: -40
4165-62-2	Phenol-d5	26.346		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.304		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.927		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.168		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	33.879		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.22		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.547		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.167		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.614		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.218		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.795		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	24.437		20-140		61	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC23MSD			SDG No.:	BN100224
Lab Sample ID:	P4016-20MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.06	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
BN034342.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.613		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	23.986		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.682		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.831		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206960	7.393				
1146-65-2	Naphthalene-d8	749794	10.152				
15067-26-2	Acenaphthene-d10	572761	14.051				
1517-22-2	Phenanthrene-d10	1135396	16.834				
1719-03-5	Chrysene-d12	1150794	21.039				
1520-96-3	Perylene-d12	1399498	23.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	56	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC24			SDG No.:	BN100224
Lab Sample ID:	P4016-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034343.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	98.8	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	98.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.8	400	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.9	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.8	400	ug/Kg
98-86-2	Acetophenone	71	U	71	98.8	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.9	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.9	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.9	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	50.9	200	ug/Kg
91-20-3	Naphthalene	930		40	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	50.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.9	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	1500		23	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	2600		44	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	540		59	50.9	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC24			SDG No.:	BN100224
Lab Sample ID:	P4016-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034343.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	220		55	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.9	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.8	400	ug/Kg
83-32-9	Acenaphthene	77	J	60	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.8	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.8	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	50.9	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.9	200	ug/Kg
86-73-7	Fluorene	160	J	69	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	98.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.8	400	ug/Kg
87-86-5	Pentachlorophenol	47000	E	46	98.8	400	ug/Kg
85-01-8	Phenanthrene	450		63	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.9	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.9	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.9	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	98.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC24			SDG No.:	BN100224
Lab Sample ID:	P4016-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034343.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.9	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	98.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5400	E	62	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.324		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	13.85		20-120		35	SPK: -40
4165-62-2	Phenol-d5	18.927		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.189		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.731		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	18.162		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	23.741		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.018		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.2		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.523		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.321		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.815		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.268		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.601		20-140		52	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC24			SDG No.:	BN100224
Lab Sample ID:	P4016-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034343.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.46		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	20.311		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	19.939		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.087		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228121	7.393				
1146-65-2	Naphthalene-d8	857972	10.146				
15067-26-2	Acenaphthene-d10	621222	14.045				
1517-22-2	Phenanthrene-d10	1257009	16.81				
1719-03-5	Chrysene-d12	1240149	21.033				
1520-96-3	Perylene-d12	1504382	23.751				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.457	1100	J			5.457	
	(DEL) Alkane: Straight-Chain5.705	270	J			5.705	
	(DEL) Alkane: Straight-Chain5.910	280	J			5.91	
	(DEL) Alkane: Straight-Chain5.987	430	J			5.987	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	420	J			6.052	
	(DEL) Alkane: Straight-Chain6.316	300	J			6.316	
	(DEL) Alkane: Straight-Chain6.381	350	J			6.381	
	(DEL) Alkane: Straight-Chain6.416	510	J			6.416	
	(DEL) Alkane: Straight-Chain6.469	660	J			6.469	
000620-14-4	Benzene, 1-ethyl-3-methyl-	390	J			6.505	
000611-14-3	Benzene, 1-ethyl-2-methyl-	390	J			6.793	
019549-80-5	2-Heptanone, 4,6-dimethyl-	330	J			6.846	
	(DEL) Alkane: Straight-Chain7.052	2600	J			7.052	
1010309-37-4	Oxalic acid, isobutyl nonyl ester	460	J			7.475	
000108-67-8	Mesitylene	420	J			7.504	
	(DEL) Alkane: Straight-Chain7.593	280	J			7.593	
	(DEL) Alkane: Cyclic7.675	670	J			7.675	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC24			SDG No.:	BN100224
Lab Sample ID:	P4016-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034343.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000141-93-5	Benzene, 1,3-diethyl-	290	J			7.881	
001074-55-1	Benzene, 1-methyl-4-propyl-	950	J			7.934	
	(DEL) Alkane: Straight-Chain7.993	500	J			7.993	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	490	J			8.028	
	(DEL) Alkane: Straight-Chain8.163	740	J			8.163	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	390	J			8.34	
000527-84-4	o-Cymene	430	J			8.387	
	(DEL) Alkane: Straight-Chain8.640	2200	J			8.64	
	unknown-01	850	J			8.734	
000099-87-6	p-Cymene	120	J			8.816	
	(DEL) Alkane: Straight-Chain9.175	81	J			9.175	
	(DEL) Alkane: Straight-Chain9.463	190	J			9.463	
	(DEL) Alkane: Straight-Chain9.528	100	J			9.528	
	(DEL) Alkane: Straight-Chain9.610	110	J			9.61	
	(DEL) Alkane: Straight-Chain9.716	100	J			9.716	
	unknown-02	130	J			9.863	
	unknown-03	380	J			10.551	
	(DEL) Alkane: Straight-Chain10.687	230	J			10.687	
076649-14-4	3-Octen-2-ol	280	J			11.204	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	200	J			11.263	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	210	J			11.44	
	(DEL) Alkane: Straight-Chain11.616	400	J			11.616	
	unknown-04	140	J			11.645	
	(DEL) Alkane: Straight-Chain12.269	670	J			12.269	
	(DEL) Alkane: Cyclic12.304	520	J			12.304	
	(DEL) Alkane: Straight-Chain12.375	600	J			12.375	
	(DEL) Alkane: Straight-Chain12.592	930	J			12.592	
000573-98-8	Naphthalene, 1,2-dimethyl-	1500	J			13.204	
000582-16-1	Naphthalene, 2,7-dimethyl-	970	J			13.363	
000575-37-1	Naphthalene, 1,7-dimethyl-	1100	J			13.416	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC24			SDG No.:	BN100224
Lab Sample ID:	P4016-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.8
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
BN034343.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain13.557	1500	J			13.557	
000571-58-4	Naphthalene, 1,4-dimethyl-	550	J			13.598	
	(DEL) Alkane: Straight-Chain13.986	2800	J			13.986	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	1400	J			14.21	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	610	J			14.451	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	620	J			14.539	
	(DEL) Alkane: Straight-Chain14.604	710	J			14.604	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1900	J			14.828	
	(DEL) Alkane: Straight-Chain14.945	2300	J			14.945	
	(DEL) Alkane: Straight-Chain15.351	1400	J			15.351	
	unknown-05	1300	J			15.704	
	(DEL) Alkane: Straight-Chain15.816	2900	J			15.816	
	(DEL) Alkane: Straight-Chain16.604	2100	J			16.604	
	(DEL) Alkane: Straight-Chain16.657	1700	J			16.657	
	(DEL) Alkane: Straight-Chain17.345	1900	J			17.345	
000112-39-0	Hexadecanoic acid, methyl ester	1700	J			17.516	
000057-10-3	n-Hexadecanoic acid	890	J			17.739	
	(DEL) Alkane: Straight-Chain18.033	1500	J			18.033	
	(DEL) Alkane: Straight-Chain18.680	1700	J			18.68	
	(DEL) Alkane: Straight-Chain19.269	410	J			19.269	
	(DEL) Alkane: Straight-Chain19.804	440	J			19.804	
	(DEL) Alkane: Straight-Chain20.780	800	J			20.78	
	(DEL) Alkane: Straight-Chain21.780	470	J			21.78	
E966796	Total Alkanes	37000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC25			SDG No.:	BN100224
Lab Sample ID:	P4016-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034344.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.5	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.5	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.5	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC25			SDG No.:	BN100224
Lab Sample ID:	P4016-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034344.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.5	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.5	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.5	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	3600		47	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.5	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.5	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.5	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC25			SDG No.:	BN100224
Lab Sample ID:	P4016-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034344.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.5	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220		64	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.138		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	10.28		20-120		26	SPK: -40
4165-62-2	Phenol-d5	15.3		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.604		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.406		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.222		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	16.94		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.291		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.451		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.793		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.298		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.63		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.014		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	18.345		20-140		46	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC25			SDG No.:	BN100224
Lab Sample ID:	P4016-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BN034344.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.244		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	19.653		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	19.388		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.869		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261664	7.387				
1146-65-2	Naphthalene-d8	1045935	10.14				
15067-26-2	Acenaphthene-d10	624197	14.04				
1517-22-2	Phenanthrene-d10	1216684	16.798				
1719-03-5	Chrysene-d12	1156283	21.028				
1520-96-3	Perylene-d12	1414429	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.422	
000057-10-3	n-Hexadecanoic acid	270	J			17.734	
015594-90-8	1-Heneicosanol	170	J			20.763	
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS456			SDG No.:	BN100224
Lab Sample ID:	PB163456BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034345.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	740		48	82.5	330	ug/Kg
110-86-1	Pyridine	650		12	170	330	ug/Kg
108-95-2	Phenol	680		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	700		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	770		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	680		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610		29	82.5	330	ug/Kg
98-86-2	Acetophenone	660		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	670		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	620		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	740		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	690		27	42.5	170	ug/Kg
78-59-1	Isophorone	690		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	830		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	610		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	720		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	820		34	42.5	170	ug/Kg
91-20-3	Naphthalene	780		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	650		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	840		26	42.5	170	ug/Kg
105-60-2	Caprolactam	640		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	670		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	740		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	750		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	660		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	810		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820		49	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS456			SDG No.:	BN100224
Lab Sample ID:	PB163456BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034345.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	760		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	790		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	600		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	720		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	750		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	770		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	690		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	740		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	610		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	540		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	740		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	730		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	690		41	42.5	170	ug/Kg
86-73-7	Fluorene	740		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	760		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	710		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	780		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	860		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	840		50	42.5	170	ug/Kg
1912-24-9	Atrazine	680		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	860		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	770		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	810		36	42.5	170	ug/Kg
120-12-7	Anthracene	760		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	850		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	760		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	730		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	770		45	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS456			SDG No.:	BN100224
Lab Sample ID:	PB163456BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034345.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	760		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	720		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	760		39	42.5	170	ug/Kg
218-01-9	Chrysene	750		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	770		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	740		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	760		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	770		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	800		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.536		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	20.226		20-120		51	SPK: -40
4165-62-2	Phenol-d5	21.103		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.834		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.174		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	20.378		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.277		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.824		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.185		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.373		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.258		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.746		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.707		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	22.775		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS456			SDG No.:	BN100224
Lab Sample ID:	PB163456BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034345.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.646		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	23.476		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.622		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.471		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216095	7.387				
1146-65-2	Naphthalene-d8	853931	10.14				
15067-26-2	Acenaphthene-d10	537674	14.04				
1517-22-2	Phenanthrene-d10	1071599	16.798				
1719-03-5	Chrysene-d12	1045721	21.033				
1520-96-3	Perylene-d12	1287711	23.745				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034347.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

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

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034347.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034347.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.257		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	22.221		20-120		56	SPK: -40
4165-62-2	Phenol-d5	23.281		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.66		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.567		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	22.927		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	27.549		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.841		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.253		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.578		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.234		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.606		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.224		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	26.706		20-140		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/17/2024 12:00:00 AM
Project:				Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK456			SDG No.:	BN100224
Lab Sample ID:	PB163456BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034347.D	1	9/17/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163456

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.825		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.497		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.729		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.713		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261184	7.387				
1146-65-2	Naphthalene-d8	1039657	10.14				
15067-26-2	Acenaphthene-d10	623368	14.039				
1517-22-2	Phenanthrene-d10	1207724	16.798				
1719-03-5	Chrysene-d12	1167747	21.027				
1520-96-3	Perylene-d12	1415215	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA9DL2			SDG No.:	BN100224
Lab Sample ID:	P4019-06DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BN034348.D	10	9/20/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	81.7	830	ug/Kg
100-52-7	Benzaldehyde	590	U	590	1000	4100	ug/Kg
110-86-1	Pyridine	150	U	150	2000	4100	ug/Kg
108-95-2	Phenol	560	U	560	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	430	U	430	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	530	2100	ug/Kg
95-48-7	2-Methylphenol	480	U	480	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	360	1000	4100	ug/Kg
98-86-2	Acetophenone	730	U	730	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	330	U	330	530	2100	ug/Kg
78-59-1	Isophorone	450	U	450	530	2100	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	530	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	530	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	380	U	380	530	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	420	U	420	530	2100	ug/Kg
91-20-3	Naphthalene	410	U	410	530	2100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	530	4100	ug/Kg
87-68-3	Hexachlorobutadiene	320	U	320	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	240	U	240	530	2100	ug/Kg
91-57-6	2-Methylnaphthalene	460	U	460	530	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	620	U	620	530	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	610	U	610	530	2100	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA9DL2			SDG No.:	BN100224
Lab Sample ID:	P4019-06DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BN034348.D	10	9/20/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	570	U	570	530	2100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	530	2100	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	530	2100	ug/Kg
131-11-3	Dimethylphthalate	470	U	470	530	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	320	U	320	530	2100	ug/Kg
208-96-8	Acenaphthylene	570	U	570	530	2100	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	1000	4100	ug/Kg
83-32-9	Acenaphthene	620	U	620	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	720	U	720	530	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	U	590	530	2100	ug/Kg
100-01-6	4-Nitroaniline	200	U	200	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	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	620	U	620	530	2100	ug/Kg
1912-24-9	Atrazine	140	U	140	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	45000	D	470	1000	4100	ug/Kg
85-01-8	Phenanthrene	660	U	660	530	2100	ug/Kg
608-93-5	Pentachlorobenzene	450	U	450	530	2100	ug/Kg
120-12-7	Anthracene	580	U	580	530	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	69	U	69	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

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA9DL2			SDG No.:	BN100224
Lab Sample ID:	P4019-06DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BN034348.D	10	9/20/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	570	U	570	530	2100	ug/Kg
85-68-7	Butylbenzylphthalate	530	U	530	530	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	530	2100	ug/Kg
218-01-9	Chrysene	570	U	570	530	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	530	U	530	530	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	530	U	530	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	590	U	590	530	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	720	U	720	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	640	U	640	530	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570	U	570	530	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	D	640	530	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.82		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.38		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.01		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	11.93		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	14.06		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.65		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.22		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.21		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.46		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.46		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	19.7		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA9DL2			SDG No.:	BN100224
Lab Sample ID:	P4019-06DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BN034348.D	10	9/20/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163562

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	20.49		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.14		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.12		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233859	7.381				
1146-65-2	Naphthalene-d8	940305	10.14				
15067-26-2	Acenaphthene-d10	582159	14.04				
1517-22-2	Phenanthrene-d10	1154004	16.798				
1719-03-5	Chrysene-d12	1113362	21.028				
1520-96-3	Perylene-d12	1340458	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.028	2300	JD			7.028	
	(DEL) Alkane: Straight-Chain8.611	2500	JD			8.611	
	(DEL) Alkane: Straight-Chain12.875	950	JD			12.875	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	3100	JD			13.975	
	(DEL) Alkane: Straight-Chain14.934	1200	JD			14.934	
	(DEL) Alkane: Straight-Chain15.798	1000	JD			15.798	
E966796	Total Alkanes	8000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCE6DL			SDG No.:	BN100224
Lab Sample ID:	P4019-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BN034349.D	20	9/20/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280	U	280	150	1600	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1900	7700	ug/Kg
110-86-1	Pyridine	280	U	280	3900	7700	ug/Kg
108-95-2	Phenol	1100	U	1100	1900	7700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	820	U	820	1900	7700	ug/Kg
95-57-8	2-Chlorophenol	510	U	510	990	4000	ug/Kg
95-48-7	2-Methylphenol	910	U	910	1900	7700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	680	U	680	1900	7700	ug/Kg
98-86-2	Acetophenone	1400	U	1400	1900	7700	ug/Kg
106-44-5	4-Methylphenol	960	U	960	1900	7700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	860	U	860	990	4000	ug/Kg
67-72-1	Hexachloroethane	370	U	370	990	4000	ug/Kg
98-95-3	Nitrobenzene	630	U	630	990	4000	ug/Kg
78-59-1	Isophorone	840	U	840	990	4000	ug/Kg
88-75-5	2-Nitrophenol	700	U	700	990	4000	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	990	4000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	720	U	720	990	4000	ug/Kg
120-83-2	2,4-Dichlorophenol	790	U	790	990	4000	ug/Kg
91-20-3	Naphthalene	770	U	770	990	4000	ug/Kg
106-47-8	4-Chloroaniline	1000	U	1000	990	7700	ug/Kg
87-68-3	Hexachlorobutadiene	610	U	610	990	4000	ug/Kg
105-60-2	Caprolactam	930	U	930	1900	7700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	840	U	840	990	4000	ug/Kg
90-12-0	1-Methylnaphthalene	440	U	440	990	4000	ug/Kg
91-57-6	2-Methylnaphthalene	1200	JD	860	990	4000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	440	U	440	1900	7700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	990	4000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	U	1100	990	4000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCE6DL			SDG No.:	BN100224
Lab Sample ID:	P4019-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BN034349.D	20	9/20/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	990	4000	ug/Kg
91-58-7	2-Chloronaphthalene	1000	U	1000	990	4000	ug/Kg
88-74-4	2-Nitroaniline	510	U	510	990	4000	ug/Kg
131-11-3	Dimethylphthalate	890	U	890	990	4000	ug/Kg
606-20-2	2,6-Dinitrotoluene	610	U	610	990	4000	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	990	4000	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	1900	7700	ug/Kg
83-32-9	Acenaphthene	1200	U	1200	990	4000	ug/Kg
51-28-5	2,4-Dinitrophenol	750	U	750	1900	7700	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	1900	7700	ug/Kg
132-64-9	Dibenzofuran	930	U	930	990	4000	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	990	4000	ug/Kg
84-66-2	Diethylphthalate	960	U	960	990	4000	ug/Kg
86-73-7	Fluorene	1400	U	1400	990	4000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	990	4000	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	1900	7700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910	U	910	1900	7700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100	U	1100	990	4000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	990	4000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300	U	2300	990	4000	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	990	4000	ug/Kg
1912-24-9	Atrazine	260	U	260	1900	7700	ug/Kg
87-86-5	Pentachlorophenol	100000	D	890	1900	7700	ug/Kg
85-01-8	Phenanthrene	1200	U	1200	990	4000	ug/Kg
608-93-5	Pentachlorobenzene	840	U	840	990	4000	ug/Kg
120-12-7	Anthracene	1100	U	1100	990	4000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	990	4000	ug/Kg
86-74-8	Carbazole	1400	U	1400	1900	7700	ug/Kg
84-74-2	Di-n-butylphthalate	1300	U	1300	990	4000	ug/Kg
206-44-0	Fluoranthene	1100	U	1100	1900	4000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCE6DL			SDG No.:	BN100224
Lab Sample ID:	P4019-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BN034349.D	20	9/20/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	990	4000	ug/Kg
85-68-7	Butylbenzylphthalate	1000	U	1000	990	4000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	1900	7700	ug/Kg
56-55-3	Benzo(a)anthracene	910	U	910	990	4000	ug/Kg
218-01-9	Chrysene	1100	U	1100	990	4000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000	U	1000	990	4000	ug/Kg
117-84-0	Di-n-octyl phthalate	1000	U	1000	1900	7700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	990	4000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	U	1400	990	4000	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	990	4000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	990	4000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	990	4000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	990	4000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	9100	D	1200	990	4000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.18		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	12.58		20-120		31	SPK: -40
4165-62-2	Phenol-d5	17.18		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.22		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.18		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	14.62		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	16.96		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.52		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.3		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.68		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.54		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.96		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	22.46		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCE6DL			SDG No.:	BN100224
Lab Sample ID:	P4019-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BN034349.D	20	9/20/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163562

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	22.64		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.76		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.06		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216199	7.387				
1146-65-2	Naphthalene-d8	862693	10.14				
15067-26-2	Acenaphthene-d10	514379	14.04				
1517-22-2	Phenanthrene-d10	992929	16.798				
1719-03-5	Chrysene-d12	929722	21.027				
1520-96-3	Perylene-d12	1161035	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.452	6300	JD			5.452	
	(DEL) Alkane: Straight-Chain5.905	1900	JD			5.905	
	(DEL) Alkane: Straight-Chain5.981	2100	JD			5.981	
	(DEL) Alkane: Cyclic6.052	2300	JD			6.052	
	(DEL) Alkane: Straight-Chain6.311	1700	JD			6.311	
	(DEL) Alkane: Straight-Chain6.375	1700	JD			6.375	
	(DEL) Alkane: Straight-Chain6.405	2800	JD			6.405	
	(DEL) Alkane: Straight-Chain6.463	3900	JD			6.463	
000611-14-3	Benzene, 1-ethyl-2-methyl-	1800	JD			6.493	
	(DEL) Alkane: Straight-Chain6.563	5900	JD			6.563	
000108-67-8	Mesitylene	1800	JD			6.628	
000622-96-8	Benzene, 1-ethyl-4-methyl-	2200	JD			6.781	
019549-80-5	2-Heptanone, 4,6-dimethyl-	3200	JD			6.834	
	(DEL) Alkane: Straight-Chain7.028	23000	JD			7.028	
000104-76-7	1-Hexanol, 2-ethyl-	8400	JD			7.463	
041851-34-7	Cyclohexane, 1,1-(1-methyl-1,2-et	3600	JD			7.663	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	2200	JD			7.816	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCE6DL			SDG No.:	BN100224
Lab Sample ID:	P4019-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.3
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
BN034349.D	20	9/20/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000135-01-3	Benzene, 1,2-diethyl-	2000	JD			7.875	
001074-55-1	Benzene, 1-methyl-4-propyl-	5100	JD			7.922	
	(DEL) Alkane: Straight-Chain7.981	2600	JD			7.981	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3300	JD			8.022	
006975-98-0	Decane, 2-methyl-	4300	JD			8.052	
	(DEL) Alkane: Straight-Chain8.152	4000	JD			8.152	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2000	JD			8.328	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	2200	JD			8.381	
000527-84-4	o-Cymene	3800	JD			8.475	
	(DEL) Alkane: Straight-Chain8.610	16000	JD			8.61	
	unknown-01	3900	JD			8.722	
019594-40-2	Heptyl isobutyl ketone	1600	JD			10.281	
	unknown-02	3100	JD			10.54	
000590-67-0	Cyclohexanol, 1-methyl-	1700	JD			11.193	
	(DEL) Alkane: Straight-Chain11.599	2000	JD			11.599	
	(DEL) Alkane: Straight-Chain12.881	2600	JD			12.881	
000575-37-1	Naphthalene, 1,7-dimethyl-	2100	JD			13.204	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	4100	JD			13.975	
	(DEL) Alkane: Straight-Chain14.934	2400	JD			14.934	
	(DEL) Alkane: Straight-Chain15.798	2300	JD			15.798	
	(DEL) Alkane: Straight-Chain16.598	2000	JD			16.598	
000112-39-0	Hexadecanoic acid, methyl ester	2400	JD			17.51	
E966796	Total Alkanes	86000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC40			SDG No.:	BN100224
Lab Sample ID:	P4017-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034350.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.9	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.9	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.9	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.5	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.5	210	ug/Kg
78-59-1	Isophorone	75	J	44	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.5	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.5	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	48	J	23	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	78	J	45	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC40			SDG No.:	BN100224
Lab Sample ID:	P4017-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034350.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.5	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.9	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.9	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.5	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.5	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.5	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	12000	E	46	99.9	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.5	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.5	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.9	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC40			SDG No.:	BN100224
Lab Sample ID:	P4017-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034350.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	E	63	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.698		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	7.974		20-120		20	SPK: -40
4165-62-2	Phenol-d5	25.045		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.322		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.498		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.005		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.809		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.789		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.228		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.817		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.791		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.999		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.855		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	30.133		20-140		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC40			SDG No.:	BN100224
Lab Sample ID:	P4017-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034350.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.079		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	30.803		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	29.759		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.971		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248807	7.387				
1146-65-2	Naphthalene-d8	1010648	10.14				
15067-26-2	Acenaphthene-d10	633674	14.04				
1517-22-2	Phenanthrene-d10	1334280	16.798				
1719-03-5	Chrysene-d12	1362118	21.028				
1520-96-3	Perylene-d12	1655850	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	250	J			3.646	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	400	A			4.581	
	(DEL) Alkane: Straight-Chain5.452	290	J			5.452	
000107-41-5	Hexylene glycol	260	J			5.764	
1000427-67-0	2-Methyl-1-hexanol	150	J			5.928	
	(DEL) Alkane: Straight-Chain5.981	99	J			5.981	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	120	J			6.046	
	(DEL) Alkane: Straight-Chain6.311	92	J			6.311	
	(DEL) Alkane: Straight-Chain6.405	150	J			6.405	
	(DEL) Alkane: Straight-Chain6.464	190	J			6.464	
000108-67-8	Mesitylene	98	J			6.493	
019549-80-5	2-Heptanone, 4,6-dimethyl-	170	J			6.84	
	(DEL) Alkane: Straight-Chain7.028	1100	J			7.028	
000104-76-7	1-Hexanol, 2-ethyl-	1000	J			7.464	
	unknown-01	510	J			7.628	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	200	J			7.816	
000141-93-5	Benzene, 1,3-diethyl-	100	J			7.869	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC40			SDG No.:	BN100224
Lab Sample ID:	P4017-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034350.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001074-55-1	Benzene, 1-methyl-4-propyl-	210	J			7.922	
	(DEL) Alkane: Straight-Chain7.981	150	J			7.981	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	170	J			8.022	
	(DEL) Alkane: Straight-Chain8.152	170	J			8.152	
001074-17-5	Benzene, 1-methyl-2-propyl-	130	J			8.181	
000527-84-4	o-Cymene	160	J			8.475	
	(DEL) Alkane: Straight-Chain8.611	700	J			8.611	
000149-57-5	Hexanoic acid, 2-ethyl-	100	J			8.693	
	unknown-02	120	J			8.722	
	(DEL) Alkane: Straight-Chain8.958	84	J			8.958	
	unknown-03	220	J			9.675	
	unknown-04	230	J			10.046	
000590-67-0	Cyclohexanol, 1-methyl-	100	J			11.193	
	(DEL) Alkane: Straight-Chain11.599	140	J			11.599	
	(DEL) Alkane: Straight-Chain12.881	160	J			12.881	
000581-40-8	Naphthalene, 2,3-dimethyl-	98	J			13.352	
000575-37-1	Naphthalene, 1,7-dimethyl-	98	J			13.404	
1000309-20-0	Sulfurous acid, 2-ethylhexyl hepta	510	J			13.975	
	(DEL) Alkane: Cyclic14.152	200	J			14.152	
	unknown-05	140	J			14.387	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	110	J			14.599	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	130	J			14.816	
	(DEL) Alkane: Straight-Chain14.934	220	J			14.934	
	(DEL) Alkane: Straight-Chain15.345	130	J			15.345	
000119-61-9	Benzophenone	250	J			15.422	
	(DEL) Alkane: Straight-Chain15.804	180	J			15.804	
	unknown-06	340	J			15.887	
	(DEL) Alkane: Straight-Chain16.598	150	J			16.598	
	(DEL) Alkane: Straight-Chain16.645	92	J			16.645	
035599-77-0	Tridecane, 1-iodo-	130	J			17.334	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC40			SDG No.:	BN100224
Lab Sample ID:	P4017-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BN034350.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	650	J			17.734	
	(DEL) Alkane: Straight-Chain18.028	110	J			18.028	
	(DEL) Alkane: Straight-Chain18.675	97	J			18.675	
000057-11-4	Octadecanoic acid	160	J			19.028	
	(DEL) Alkane: Straight-Chain20.769	410	J			20.769	
	(DEL) Alkane: Straight-Chain21.775	100	J			21.775	
E966796	Total Alkanes	5000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC43			SDG No.:	BN100224
Lab Sample ID:	P4017-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
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
BN034351.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.3	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.1	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.3	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.3	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.1	200	ug/Kg
78-59-1	Isophorone	110	J	42	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.1	200	ug/Kg
91-20-3	Naphthalene	200		39	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.1	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	320		22	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	560		44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC43			SDG No.:	BN100224
Lab Sample ID:	P4017-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
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
BN034351.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.1	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.3	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.3	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.1	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.1	200	ug/Kg
86-73-7	Fluorene	68	U	68	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	31000	E	45	97.3	390	ug/Kg
85-01-8	Phenanthrene	130	J	63	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50.1	200	ug/Kg
120-12-7	Anthracene	55	U	55	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.1	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.1	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC43			SDG No.:	BN100224
Lab Sample ID:	P4017-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
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
BN034351.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.1	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4200	E	61	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.826		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	18.911		20-120		47	SPK: -40
4165-62-2	Phenol-d5	24.077		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.749		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.041		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.107		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	29.101		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.224		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.449		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.029		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.78		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.835		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.22		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	28.124		20-140		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC43			SDG No.:	BN100224
Lab Sample ID:	P4017-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
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
BN034351.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.863		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	28.472		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.286		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.607		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249958	7.387				
1146-65-2	Naphthalene-d8	950622	10.14				
15067-26-2	Acenaphthene-d10	600193	14.04				
1517-22-2	Phenanthrene-d10	1215756	16.804				
1719-03-5	Chrysene-d12	1191209	21.027				
1520-96-3	Perylene-d12	1505761	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.452	600	J			5.452	
	(DEL) Alkane: Straight-Chain6.405	320	J			6.405	
	(DEL) Alkane: Straight-Chain6.464	410	J			6.464	
000611-14-3	Benzene, 1-ethyl-2-methyl-	350	J			6.493	
019549-80-5	2-Heptanone, 4,6-dimethyl-	480	J			6.84	
	(DEL) Alkane: Straight-Chain7.034	2800	J			7.034	
000104-76-7	1-Hexanol, 2-ethyl-	1400	J			7.469	
	(DEL) Alkane: Cyclic7.663	470	J			7.663	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	410	J			7.816	
000135-01-3	Benzene, 1,2-diethyl-	320	J			7.869	
001074-43-7	Benzene, 1-methyl-3-propyl-	700	J			7.922	
	(DEL) Alkane: Straight-Chain7.981	350	J			7.981	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	550	J			8.022	
	(DEL) Alkane: Straight-Chain8.152	510	J			8.152	
001074-17-5	Benzene, 1-methyl-2-propyl-	360	J			8.181	
000527-84-4	o-Cymene	310	J			8.328	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	360	J			8.381	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC43			SDG No.:	BN100224
Lab Sample ID:	P4017-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
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
BN034351.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.616	2100	J			8.616	
	unknown-01	660	J			8.722	
	(DEL) Alkane: Straight-Chain9.457	130	J			9.457	
	(DEL) Alkane: Straight-Chain10.675	130	J			10.675	
	(DEL) Alkane: Straight-Chain11.434	83	J			11.434	
	(DEL) Alkane: Straight-Chain11.599	210	J			11.599	
	(DEL) Alkane: Straight-Chain12.581	290	J			12.581	
000109-21-7	Butanoic acid, butyl ester	360	J			12.793	
	(DEL) Alkane: Straight-Chain12.881	800	J			12.881	
000581-42-0	Naphthalene, 2,6-dimethyl-	730	J			13.193	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	390	J			13.316	
000581-40-8	Naphthalene, 2,3-dimethyl-	510	J			13.351	
000571-61-9	Naphthalene, 1,5-dimethyl-	510	J			13.41	
	(DEL) Alkane: Straight-Chain13.551	420	J			13.551	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	1900	J			13.975	
	unknown-02	280	J			14.146	
018052-85-2	Silane, trimethyl-2-naphthalenyl-	460	J			14.198	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	270	J			14.445	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	280	J			14.528	
	(DEL) Alkane: Straight-Chain14.598	260	J			14.598	
000941-81-1	4,6,8-Trimethylazulene	690	J			14.816	
	(DEL) Alkane: Straight-Chain14.934	860	J			14.934	
	(DEL) Alkane: Straight-Chain15.345	450	J			15.345	
000119-61-9	Benzophenone	790	J			15.422	
	(DEL) Alkane: Straight-Chain15.804	940	J			15.804	
	(DEL) Alkane: Straight-Chain16.598	680	J			16.598	
	(DEL) Alkane: Straight-Chain16.651	380	J			16.651	
	(DEL) Alkane: Straight-Chain17.334	670	J			17.334	
000112-39-0	Hexadecanoic acid, methyl ester	1000	J			17.51	
000057-10-3	n-Hexadecanoic acid	460	J			17.733	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC43			SDG No.:	BN100224
Lab Sample ID:	P4017-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
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
BN034351.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain18.028	580	J			18.028	
	(DEL) Alkane: Straight-Chain18.675	560	J			18.675	
026528-50-7	8-Octadecenoic acid, methyl ester,	680	J			18.692	
000112-61-8	Methyl stearate	370	J			18.834	
	(DEL) Alkane: Straight-Chain19.263	320	J			19.263	
	(DEL) Alkane: Straight-Chain19.804	280	J			19.804	
	(DEL) Alkane: Straight-Chain20.304	240	J			20.304	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	710	J			20.775	
	(DEL) Alkane: Straight-Chain21.251	240	J			21.251	
000150-86-7	Phytol	290	J			21.663	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	370	J			21.775	
E966796	Total Alkanes	16000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC44			SDG No.:	BN100224
Lab Sample ID:	P4017-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BN034352.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.8	89	ug/Kg
100-52-7	Benzaldehyde	64	U	64	110	440	ug/Kg
110-86-1	Pyridine	16	U	16	220	440	ug/Kg
108-95-2	Phenol	60	U	60	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	110	440	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	57	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	110	440	ug/Kg
98-86-2	Acetophenone	79	U	79	110	440	ug/Kg
106-44-5	4-Methylphenol	55	U	55	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	50	U	50	57	230	ug/Kg
67-72-1	Hexachloroethane	21	U	21	57	230	ug/Kg
98-95-3	Nitrobenzene	36	U	36	57	230	ug/Kg
78-59-1	Isophorone	48	U	48	57	230	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	57	230	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	57	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	57	230	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	57	230	ug/Kg
91-20-3	Naphthalene	44	U	44	57	230	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	57	440	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	57	230	ug/Kg
105-60-2	Caprolactam	54	U	54	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	57	230	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	57	230	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	57	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	57	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	57	230	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC44			SDG No.:	BN100224
Lab Sample ID:	P4017-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BN034352.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	57	230	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	57	230	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	57	230	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	57	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	57	230	ug/Kg
208-96-8	Acenaphthylene	62	U	62	57	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	440	ug/Kg
83-32-9	Acenaphthene	67	U	67	57	230	ug/Kg
51-28-5	2,4-Dinitrophenol	43	U	43	110	440	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	440	ug/Kg
132-64-9	Dibenzofuran	54	U	54	57	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	57	230	ug/Kg
84-66-2	Diethylphthalate	55	U	55	57	230	ug/Kg
86-73-7	Fluorene	78	U	78	57	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	57	230	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	52	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	57	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	57	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	57	230	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	57	230	ug/Kg
1912-24-9	Atrazine	15	U	15	110	440	ug/Kg
87-86-5	Pentachlorophenol	5000		51	110	440	ug/Kg
85-01-8	Phenanthrene	71	U	71	57	230	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	57	230	ug/Kg
120-12-7	Anthracene	63	U	63	57	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.5	U	7.5	57	230	ug/Kg
86-74-8	Carbazole	82	U	82	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	57	230	ug/Kg
206-44-0	Fluoranthene	60	U	60	110	230	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC44			SDG No.:	BN100224
Lab Sample ID:	P4017-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BN034352.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	57	230	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	57	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	52	U	52	57	230	ug/Kg
218-01-9	Chrysene	62	U	62	57	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58	U	58	57	230	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	U	64	57	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	78	57	230	ug/Kg
50-32-8	Benzo(a)pyrene	76	U	76	57	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	57	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	U	70	57	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	57	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	450		70	57	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.108		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	18.911		20-120		47	SPK: -40
4165-62-2	Phenol-d5	21.582		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.58		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.224		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	21.587		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.819		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.586		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.722		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.412		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.231		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.076		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.962		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	26.409		20-140		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC44			SDG No.:	BN100224
Lab Sample ID:	P4017-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BN034352.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.249		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	27.944		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	27.986		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.408		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255515	7.381				
1146-65-2	Naphthalene-d8	1010594	10.14				
15067-26-2	Acenaphthene-d10	616008	14.039				
1517-22-2	Phenanthrene-d10	1241883	16.798				
1719-03-5	Chrysene-d12	1219331	21.027				
1520-96-3	Perylene-d12	1550419	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain8.610	110	J			8.61	
	(DEL) Alkane: Straight-Chain12.880	100	J			12.881	
007659-86-1	2-Ethylhexyl mercaptoacetate	540	J			13.975	
000941-81-1	4,6,8-Trimethylazulene	110	J			14.816	
	(DEL) Alkane: Straight-Chain14.934	160	J			14.934	
000119-61-9	Benzophenone	550	J			15.422	
	(DEL) Alkane: Straight-Chain15.804	140	J			15.804	
000544-77-4	Hexadecane, 1-iodo-	110	J			16.598	
	(DEL) Alkane: Straight-Chain17.333	95	J			17.333	
001825-21-4	Anisole, 2,3,4,5,6-pentachloro-	90	J			17.428	
000057-10-3	n-Hexadecanoic acid	250	J			17.733	
	(DEL) Alkane: Straight-Chain18.028	91	J			18.028	
	(DEL) Alkane: Straight-Chain20.763	160	J			20.763	
000112-84-5	13-Docosenamide, (Z)-	91	J			22.333	
E966796	Total Alkanes	860				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC85			SDG No.:	BN100224
Lab Sample ID:	P4017-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BN034353.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.2	380	ug/Kg
98-86-2	Acetophenone	69	U	69	96.2	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.5	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.5	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.5	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.5	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC85			SDG No.:	BN100224
Lab Sample ID:	P4017-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BN034353.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.5	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.2	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.2	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.5	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.5	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	12000	E	44	96.2	380	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.5	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.5	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.5	200	ug/Kg
206-44-0	Fluoranthene	99	J	52	96.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC85			SDG No.:	BN100224
Lab Sample ID:	P4017-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BN034353.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	J	54	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		61	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.807		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	14.627		20-120		37	SPK: -40
4165-62-2	Phenol-d5	20.694		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.492		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.695		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.431		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.052		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.626		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.333		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.629		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.621		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.682		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.105		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	27.803		20-140		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC85			SDG No.:	BN100224
Lab Sample ID:	P4017-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BN034353.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.533		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.446		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	27.301		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.847		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258141	7.381				
1146-65-2	Naphthalene-d8	1031867	10.14				
15067-26-2	Acenaphthene-d10	631339	14.04				
1517-22-2	Phenanthrene-d10	1307434	16.798				
1719-03-5	Chrysene-d12	1315520	21.028				
1520-96-3	Perylene-d12	1649373	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.028	290	J			7.028	
	(DEL) Alkane: Straight-Chain7.469	95	J			7.469	
1000309-17-7	Sulfurous acid, butyl decyl ester	140	J			7.652	
	(DEL) Alkane: Straight-Chain7.922	200	J			7.922	
	(DEL) Alkane: Straight-Chain7.981	120	J			7.981	
	(DEL) Alkane: Straight-Chain8.046	170	J			8.046	
	(DEL) Alkane: Straight-Chain8.152	210	J			8.152	
	(DEL) Alkane: Straight-Chain8.611	530	J			8.611	
	unknown-01	160	J			8.722	
	unknown-02	290	J			10.669	
	unknown-03	230	J			12.016	
1000278-87-6	2-Thiophenecarboxylic acid, 6-ethy	130	J			12.263	
	unknown-04	97	J			12.363	
	unknown-05	120	J			12.593	
1000382-54-5	Carbonic acid, tetradecyl vinyl es	250	J			12.875	
	unknown-06	250	J			13.087	
000581-40-8	Naphthalene, 2,3-dimethyl-	89	J			13.351	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC85			SDG No.:	BN100224
Lab Sample ID:	P4017-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BN034353.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006874-39-1	(2E,4E)-3,7-Dimethylocta-2,4-diene	79	J			13.399	
000571-58-4	Naphthalene, 1,4-dimethyl-	170	J			13.593	
028281-49-4	3,4-Methylenedioxypropiophenone	160	J			13.787	
	(DEL) Alkane: Straight-Chain13.975	420	J			13.975	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	220	J			14.593	
	(DEL) Alkane: Straight-Chain14.804	180	J			14.804	
	unknown-07	96	J			14.857	
	(DEL) Alkane: Straight-Chain14.934	250	J			14.934	
074752-97-9	1,3-Hexadiene, 3-ethyl-2-methyl-,	270	J			15.334	
000119-61-9	Benzophenone	360	J			15.422	
	(DEL) Alkane: Straight-Chain15.798	310	J			15.798	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	79	J			15.981	
321732-25-6	Dehydrochamazulene	82	J			16.157	
	(DEL) Alkane: Straight-Chain16.592	210	J			16.592	
	(DEL) Alkane: Straight-Chain16.645	100	J			16.645	
	(DEL) Alkane: Straight-Chain17.334	220	J			17.334	
001825-21-4	Anisole, 2,3,4,5,6-pentachloro-	100	J			17.428	
000057-10-3	n-Hexadecanoic acid	250	J			17.734	
	(DEL) Alkane: Straight-Chain18.028	180	J			18.028	
	(DEL) Alkane: Straight-Chain18.675	130	J			18.675	
000057-11-4	Octadecanoic acid	170	J			19.028	
	(DEL) Alkane: Straight-Chain20.304	80	J			20.304	
1000406-04-8	Pentadecafluorooctanoic acid, octa	290	J			20.763	
	(DEL) Alkane: Straight-Chain21.251	82	J			21.251	
	(DEL) Alkane: Straight-Chain21.769	160	J			21.769	
E966796	Total Alkanes	3900				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC94			SDG No.:	BN100224
Lab Sample ID:	P4017-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BN034354.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	95.1	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	95.1	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.1	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	49	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49	200	ug/Kg
78-59-1	Isophorone	41	U	41	49	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	49	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC94			SDG No.:	BN100224
Lab Sample ID:	P4017-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BN034354.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.1	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.1	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49	200	ug/Kg
86-73-7	Fluorene	67	U	67	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	13000	E	44	95.1	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	49	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	49	200	ug/Kg
120-12-7	Anthracene	54	U	54	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49	200	ug/Kg
86-74-8	Carbazole	70	U	70	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49	200	ug/Kg
206-44-0	Fluoranthene	110	J	52	95.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC94			SDG No.:	BN100224
Lab Sample ID:	P4017-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BN034354.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	74	J	53	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49	200	ug/Kg
218-01-9	Chrysene	53	U	53	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		60	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.093		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	20.052		20-120		50	SPK: -40
4165-62-2	Phenol-d5	26.216		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.784		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.262		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	23.791		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	29.158		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.989		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.645		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.044		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.941		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.743		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.864		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	29.904		20-140		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC94			SDG No.:	BN100224
Lab Sample ID:	P4017-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BN034354.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.707		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	31.923		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	31.904		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.62		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230246	7.381				
1146-65-2	Naphthalene-d8	899085	10.139				
15067-26-2	Acenaphthene-d10	541619	14.039				
1517-22-2	Phenanthrene-d10	1088931	16.798				
1719-03-5	Chrysene-d12	1056313	21.033				
1520-96-3	Perylene-d12	1310754	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	260	A			4.005	
	(DEL) Alkane: Straight-Chain6.457	79	J			6.457	
	(DEL) Alkane: Straight-Chain7.028	340	J			7.028	
	(DEL) Alkane: Straight-Chain7.316	88	J			7.316	
	(DEL) Alkane: Straight-Chain7.469	120	J			7.469	
	(DEL) Alkane: Straight-Chain7.581	110	J			7.581	
	(DEL) Alkane: Straight-Chain7.651	160	J			7.651	
	(DEL) Alkane: Straight-Chain7.922	230	J			7.922	
	(DEL) Alkane: Straight-Chain7.981	140	J			7.981	
	(DEL) Alkane: Straight-Chain8.151	230	J			8.151	
	(DEL) Alkane: Straight-Chain8.610	600	J			8.61	
	unknown-01	160	J			8.722	
003761-94-2	1-Methylcycloheptanol	290	J			10.669	
	unknown-02	88	J			11.575	
	unknown-03	240	J			12.016	
1000280-66-0	2-Thiophenecarboxylic acid, 3-trid	130	J			12.263	
	unknown-04	110	J			12.363	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC94			SDG No.:	BN100224
Lab Sample ID:	P4017-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BN034354.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
013837-71-3	m-Menth-1(7)-ene, (R)-(-)-	110	J			12.598	
	(DEL) Alkane: Straight-Chain12.875	230	J			12.875	
	unknown-05	230	J			13.086	
000573-98-8	Naphthalene, 1,2-dimethyl-	87	J			13.351	
	unknown-06	77	J			13.398	
	unknown-07	160	J			13.592	
028281-49-4	3,4-Methylenedioxypropiophenone	110	J			13.786	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	370	J			13.969	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	220	J			14.592	
	(DEL) Alkane: Straight-Chain14.804	190	J			14.804	
019218-94-1	Tetradecane, 1-iodo-	190	J			14.933	
074752-97-9	1,3-Hexadiene, 3-ethyl-2-methyl-,	200	J			15.333	
000119-61-9	Benzophenone	420	J			15.422	
	(DEL) Alkane: Straight-Chain15.798	200	J			15.798	
	(DEL) Alkane: Straight-Chain16.598	160	J			16.598	
	(DEL) Alkane: Straight-Chain17.333	150	J			17.333	
001825-21-4	Anisole, 2,3,4,5,6-pentachloro-	99	J			17.427	
000057-10-3	n-Hexadecanoic acid	340	J			17.733	
	(DEL) Alkane: Straight-Chain18.027	130	J			18.027	
	(DEL) Alkane: Straight-Chain18.674	89	J			18.674	
000057-11-4	Octadecanoic acid	130	J			19.027	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	290	J			20.768	
	(DEL) Alkane: Straight-Chain21.768	120	J			21.768	
E966796	Total Alkanes	3400				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BN100224
Lab Sample ID:	P4017-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BN034355.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.6	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.8	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.6	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.6	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.8	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.8	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.8	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.8	200	ug/Kg
91-20-3	Naphthalene	1200		39	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.8	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	2100		22	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	3400	E	43	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	J	59	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	J	57	49.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BN100224
Lab Sample ID:	P4017-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BN034355.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	270		54	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.8	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.6	390	ug/Kg
83-32-9	Acenaphthene	71	J	59	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.6	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.8	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.8	200	ug/Kg
86-73-7	Fluorene	170	J	68	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.8	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	79000	E	44	96.6	390	ug/Kg
85-01-8	Phenanthrene	600		62	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.8	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.8	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.8	200	ug/Kg
206-44-0	Fluoranthene	61	J	53	96.6	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BN100224
Lab Sample ID:	P4017-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BN034355.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.8	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64	J	50	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	19000	E	61	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.226		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	5.405		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.896		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.445	*	15-120		14	SPK: -40
190780-66-6	4-Methylphenol-d8	0.63	*	10-140		2	SPK: -40
4165-60-0	Nitrobenzene-d5	10.495		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.244		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.743		10-140		12	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.787		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.44		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.48		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.109		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	8.008		20-140		20	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BN100224
Lab Sample ID:	P4017-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BN034355.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.416		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	7.459		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	6.238		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.609	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210697	7.387				
1146-65-2	Naphthalene-d8	801499	10.146				
15067-26-2	Acenaphthene-d10	571574	14.04				
1517-22-2	Phenanthrene-d10	1133775	16.816				
1719-03-5	Chrysene-d12	1113701	21.028				
1520-96-3	Perylene-d12	1317250	23.745				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.452	810	J			5.452	
000098-82-8	Benzene, (1-methylethyl)-	230	J			5.911	
	(DEL) Alkane: Straight-Chain5.981	320	J			5.981	
	(DEL) Alkane: Cyclic6.052	290	J			6.052	
	(DEL) Alkane: Straight-Chain6.317	240	J			6.317	
000103-65-1	Benzene, propyl-	320	J			6.381	
	(DEL) Alkane: Straight-Chain6.411	400	J			6.411	
	(DEL) Alkane: Straight-Chain6.470	500	J			6.47	
000620-14-4	Benzene, 1-ethyl-3-methyl-	560	J			6.499	
019549-80-5	2-Heptanone, 4,6-dimethyl-	430	J			6.846	
	(DEL) Alkane: Straight-Chain7.046	2400	J			7.046	
1000372-74-7	Isobutyl octan-2-yl carbonate	330	J			7.475	
000108-67-8	Mesitylene	490	J			7.505	
	(DEL) Alkane: Straight-Chain7.587	290	J			7.587	
	(DEL) Alkane: Cyclic7.664	630	J			7.664	
000141-93-5	Benzene, 1,3-diethyl-	470	J			7.875	
001074-55-1	Benzene, 1-methyl-4-propyl-	970	J			7.934	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BN100224
Lab Sample ID:	P4017-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BN034355.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain7.993	530	J			7.993	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	490	J			8.028	
	(DEL) Alkane: Straight-Chain8.064	870	J			8.064	
	(DEL) Alkane: Straight-Chain8.164	830	J			8.164	
000527-84-4	o-Cymene	440	J			8.34	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	560	J			8.387	
	(DEL) Alkane: Straight-Chain8.640	2200	J			8.64	
	unknown-01	900	J			8.734	
	(DEL) Alkane: Straight-Chain8.875	150	J			8.875	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	170	J			9.063	
	(DEL) Alkane: Straight-Chain9.463	180	J			9.463	
	(DEL) Alkane: Straight-Chain9.528	120	J			9.528	
	(DEL) Alkane: Straight-Chain9.611	120	J			9.611	
	(DEL) Alkane: Straight-Chain9.710	120	J			9.71	
	(DEL) Alkane: Straight-Chain10.340	110	J			10.34	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	260	J			10.552	
000590-67-0	Cyclohexanol, 1-methyl-	130	J			10.681	
	(DEL) Alkane: Straight-Chain11.087	130	J			11.087	
	(DEL) Alkane: Straight-Chain11.199	240	J			11.199	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	210	J			11.263	
	(DEL) Alkane: Straight-Chain11.616	420	J			11.616	
001073-11-6	2(3H)-Furanone, 5-ethenyldihydro-5	850	J			12.269	
	(DEL) Alkane: Cyclic12.305	550	J			12.305	
	(DEL) Alkane: Straight-Chain12.369	660	J			12.369	
	(DEL) Alkane: Straight-Chain12.587	1200	J			12.587	
000141-86-6	2,6-Pyridinediamine	830	J			13.099	
000575-43-9	Naphthalene, 1,6-dimethyl-	950	J			13.199	
000581-40-8	Naphthalene, 2,3-dimethyl-	1100	J			13.363	
000571-61-9	Naphthalene, 1,5-dimethyl-	1300	J			13.416	
	(DEL) Alkane: Straight-Chain13.557	1200	J			13.557	

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95			SDG No.:	BN100224
Lab Sample ID:	P4017-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BN034355.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000571-58-4	Naphthalene, 1,4-dimethyl-	640	J			13.599	
	(DEL) Alkane: Straight-Chain13.987	3400	J			13.987	
022106-37-2	4-(1-Pyrroyl)acetophenone	1600	J			14.204	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	610	J			14.534	
	(DEL) Alkane: Straight-Chain14.604	910	J			14.604	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1200	J			14.828	
	(DEL) Alkane: Straight-Chain14.945	2100	J			14.945	
	(DEL) Alkane: Straight-Chain15.345	1100	J			15.345	
	(DEL) Alkane: Straight-Chain15.810	2500	J			15.81	
	(DEL) Alkane: Straight-Chain16.604	1800	J			16.604	
	(DEL) Alkane: Straight-Chain16.651	1500	J			16.651	
	(DEL) Alkane: Straight-Chain17.340	1500	J			17.34	
000112-39-0	Hexadecanoic acid, methyl ester	1800	J			17.516	
000057-10-3	n-Hexadecanoic acid	710	J			17.74	
	(DEL) Alkane: Straight-Chain18.034	1300	J			18.034	
	(DEL) Alkane: Straight-Chain18.681	1200	J			18.681	
001937-63-9	11-Octadecenoic acid, methyl ester	1100	J			18.698	
	(DEL) Alkane: Straight-Chain19.263	790	J			19.263	
	(DEL) Alkane: Straight-Chain19.804	1000	J			19.804	
	(DEL) Alkane: Straight-Chain20.304	720	J			20.304	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	1800	J			20.775	
	(DEL) Alkane: Straight-Chain21.251	780	J			21.251	
1000309-39-3	Oxalic acid, decyl 2-ethylhexyl ester	1500	J			21.775	
E966796	Total Alkanes	36000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC97			SDG No.:	BN100224
Lab Sample ID:	P4017-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
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
BN034356.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	55	U	55	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.3	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.3	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.3	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.3	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.3	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.3	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC97			SDG No.:	BN100224
Lab Sample ID:	P4017-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
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
BN034356.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.3	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.3	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52.3	210	ug/Kg
86-73-7	Fluorene	71	U	71	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.3	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	4500		47	100	410	ug/Kg
85-01-8	Phenanthrene	65	U	65	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.3	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.3	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.3	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC97			SDG No.:	BN100224
Lab Sample ID:	P4017-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
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
BN034356.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.3	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460		64	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.575		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	14.602		20-120		37	SPK: -40
4165-62-2	Phenol-d5	25.183		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.469		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.072		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.052		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.631		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.108		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.885		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.217		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.261		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.467		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.106		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.739		20-140		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC97			SDG No.:	BN100224
Lab Sample ID:	P4017-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
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
BN034356.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.066		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	29.537		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	29.483		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.797		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234526	7.381				
1146-65-2	Naphthalene-d8	938182	10.14				
15067-26-2	Acenaphthene-d10	580473	14.034				
1517-22-2	Phenanthrene-d10	1184647	16.798				
1719-03-5	Chrysene-d12	1185609	21.028				
1520-96-3	Perylene-d12	1494723	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	91	A			4.581	
000107-41-5	Hexylene glycol	200	J			5.758	
	unknown-01	260	J			7.628	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	220	J			7.811	
000149-57-5	Hexanoic acid, 2-ethyl-	1000	J			8.763	
	unknown-02	170	J			9.669	
	unknown-03	210	J			10.04	
1000484-18-2	1,3-Hexanediol, 2-ethyl- (isomer 1	110	J			10.369	
1000484-18-1	1,3-Hexanediol, 2-ethyl- (isomer 2	150	J			10.463	
	unknown-04	84	J			14.375	
000119-61-9	Benzophenone	530	J			15.416	
	unknown-05	200	J			15.881	
000057-10-3	n-Hexadecanoic acid	290	J			17.728	
000057-11-4	Octadecanoic acid	93	J			19.028	
	(DEL) Alkane: Straight-Chain20.763	110	J			20.763	
E966796	Total Alkanes	110				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDC98			SDG No.:	BN100224
Lab Sample ID:	P4017-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BN034357.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	76	ug/Kg
100-52-7	Benzaldehyde	54	U	54	93.5	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.5	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93.5	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.2	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.2	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.2	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.2	190	ug/Kg
91-20-3	Naphthalene	37	U	37	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	48.2	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.2	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDC98			SDG No.:	BN100224
Lab Sample ID:	P4017-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BN034357.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	48.2	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.5	370	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.5	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.2	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	48.2	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	59	J	43	93.5	370	ug/Kg
85-01-8	Phenanthrene	60	U	60	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.2	190	ug/Kg
120-12-7	Anthracene	53	U	53	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	48.2	190	ug/Kg
86-74-8	Carbazole	69	U	69	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.2	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	93.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDC98			SDG No.:	BN100224
Lab Sample ID:	P4017-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BN034357.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.2	190	ug/Kg
218-01-9	Chrysene	52	U	52	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.424		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	19.031		20-120		48	SPK: -40
4165-62-2	Phenol-d5	22.738		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.643		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.658		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.773		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	27.044		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.61		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.416		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.236		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.358		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	28.635		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.261		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	28.177		20-140		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDC98			SDG No.:	BN100224
Lab Sample ID:	P4017-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
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
BN034357.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.183		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	29.138		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	29.236		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.985		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244714	7.381				
1146-65-2	Naphthalene-d8	961262	10.14				
15067-26-2	Acenaphthene-d10	587752	14.034				
1517-22-2	Phenanthrene-d10	1202847	16.792				
1719-03-5	Chrysene-d12	1213661	21.027				
1520-96-3	Perylene-d12	1541593	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.422	
000057-10-3	n-Hexadecanoic acid	160	J			17.728	
015594-90-8	1-Heneicosanol	150	J			20.763	
E966796	Total Alkanes	52	U			99	ug/Kg

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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:	DDCD4			SDG No.:	BN100224
Lab Sample ID:	P4017-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	29.3
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
BN034358.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.3	94	ug/Kg
100-52-7	Benzaldehyde	68	U	68	120	470	ug/Kg
110-86-1	Pyridine	17	U	17	230	470	ug/Kg
108-95-2	Phenol	64	U	64	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	120	470	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	60.1	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	120	470	ug/Kg
98-86-2	Acetophenone	83	U	83	120	470	ug/Kg
106-44-5	4-Methylphenol	58	U	58	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	60.1	240	ug/Kg
67-72-1	Hexachloroethane	23	U	23	60.1	240	ug/Kg
98-95-3	Nitrobenzene	38	U	38	60.1	240	ug/Kg
78-59-1	Isophorone	51	U	51	60.1	240	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	60.1	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	60.1	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	60.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	60.1	240	ug/Kg
91-20-3	Naphthalene	47	U	47	60.1	240	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	60.1	470	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	60.1	240	ug/Kg
105-60-2	Caprolactam	57	U	57	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	60.1	240	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	60.1	240	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	60.1	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	60.1	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	60.1	240	ug/Kg

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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:	DDCD4			SDG No.:	BN100224
Lab Sample ID:	P4017-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	29.3
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
BN034358.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	60.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	60.1	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	60.1	240	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	60.1	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	60.1	240	ug/Kg
208-96-8	Acenaphthylene	65	U	65	60.1	240	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	470	ug/Kg
83-32-9	Acenaphthene	71	U	71	60.1	240	ug/Kg
51-28-5	2,4-Dinitrophenol	45	U	45	120	470	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	470	ug/Kg
132-64-9	Dibenzofuran	57	U	57	60.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	60.1	240	ug/Kg
84-66-2	Diethylphthalate	58	U	58	60.1	240	ug/Kg
86-73-7	Fluorene	82	U	82	60.1	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	68	60.1	240	ug/Kg
100-01-6	4-Nitroaniline	23	U	23	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	60.1	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	60.1	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	60.1	240	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	60.1	240	ug/Kg
1912-24-9	Atrazine	16	U	16	120	470	ug/Kg
87-86-5	Pentachlorophenol	54	U	54	120	470	ug/Kg
85-01-8	Phenanthrene	75	U	75	60.1	240	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	60.1	240	ug/Kg
120-12-7	Anthracene	66	U	66	60.1	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.9	U	7.9	60.1	240	ug/Kg
86-74-8	Carbazole	86	U	86	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	60.1	240	ug/Kg
206-44-0	Fluoranthene	64	U	64	120	240	ug/Kg

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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:	DDCD4			SDG No.:	BN100224
Lab Sample ID:	P4017-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	29.3
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
BN034358.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	60.1	240	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	60.1	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	60.1	240	ug/Kg
218-01-9	Chrysene	65	U	65	60.1	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	U	61	60.1	240	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	U	68	60.1	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	82	U	82	60.1	240	ug/Kg
50-32-8	Benzo(a)pyrene	81	U	81	60.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	60.1	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	U	74	60.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	60.1	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	60.1	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.958		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.328		20-120		33	SPK: -40
4165-62-2	Phenol-d5	15.964		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.237		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.297		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	15.254		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.523		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.721		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.68		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.19		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.727		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.362		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.822		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	17.774		20-140		44	SPK: -40

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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:	DDCD4			SDG No.:	BN100224
Lab Sample ID:	P4017-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	29.3
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
BN034358.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.503		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	18.344		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	18.797		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.995		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251021	7.381				
1146-65-2	Naphthalene-d8	954644	10.14				
15067-26-2	Acenaphthene-d10	562803	14.034				
1517-22-2	Phenanthrene-d10	1032673	16.792				
1719-03-5	Chrysene-d12	966447	21.027				
1520-96-3	Perylene-d12	1293048	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	260	A			4.005	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	440	A			4.581	
	unknown-01	130	J			11.687	
000119-61-9	Benzophenone	610	J			15.416	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	110	J			15.981	
000057-10-3	n-Hexadecanoic acid	120	J			17.728	
	(DEL) Alkane: Straight-Chain20.763	130	J			20.763	
E966796	Total Alkanes	130				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/18/2024 12:00:00 AM
Project:				Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK489			SDG No.:	BN100224
Lab Sample ID:	PB163489BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034360.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

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

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Report of Analysis

Client:				Date Collected:	9/18/2024 12:00:00 AM
Project:				Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK489			SDG No.:	BN100224
Lab Sample ID:	PB163489BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034360.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/18/2024 12:00:00 AM
Project:				Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK489			SDG No.:	BN100224
Lab Sample ID:	PB163489BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034360.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.188		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	18.114		20-120		45	SPK: -40
4165-62-2	Phenol-d5	17.858		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.057		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.608		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	16.84		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	20.512		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.274		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.419		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.14		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.201		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.229		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.014		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	19.455		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/18/2024 12:00:00 AM
Project:				Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK489			SDG No.:	BN100224
Lab Sample ID:	PB163489BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034360.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.092		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	20.659		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.178		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.145		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298713	7.381				
1146-65-2	Naphthalene-d8	1171225	10.14				
15067-26-2	Acenaphthene-d10	691992	14.034				
1517-22-2	Phenanthrene-d10	1327450	16.792				
1719-03-5	Chrysene-d12	1302271	21.027				
1520-96-3	Perylene-d12	1617734	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

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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:	DDCD7			SDG No.:	BN100224
Lab Sample ID:	P4017-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.4
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
BN034361.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.4	85	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.9	220	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	75	U	75	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.9	220	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.9	220	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.9	220	ug/Kg
78-59-1	Isophorone	46	U	46	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.9	220	ug/Kg
91-20-3	Naphthalene	450		42	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.9	220	ug/Kg
105-60-2	Caprolactam	51	U	51	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	680		24	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	1200		47	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	62	53.9	220	ug/Kg

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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:	DDCD7			SDG No.:	BN100224
Lab Sample ID:	P4017-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.4
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
BN034361.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.9	220	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	51	U	51	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.9	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.9	220	ug/Kg
86-73-7	Fluorene	87	J	74	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.9	220	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	40000	E	48	100	420	ug/Kg
85-01-8	Phenanthrene	280		67	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.9	220	ug/Kg
120-12-7	Anthracene	60	U	60	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.9	220	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.9	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	100	220	ug/Kg

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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:	DDCD7			SDG No.:	BN100224
Lab Sample ID:	P4017-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.4
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
BN034361.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.9	220	ug/Kg
218-01-9	Chrysene	58	U	58	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	U	61	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	U	74	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	72	U	72	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	7200	E	66	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.336		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	6.104	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	15.906		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.263		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.026		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.412		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	19.361		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.21		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.698		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.54		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.103		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	19.103		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.482		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.701		20-140		47	SPK: -40

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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:	DDCD7			SDG No.:	BN100224
Lab Sample ID:	P4017-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.4
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
BN034361.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.333		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	19.101		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.748		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.844		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220448	7.387				
1146-65-2	Naphthalene-d8	841672	10.14				
15067-26-2	Acenaphthene-d10	531551	14.04				
1517-22-2	Phenanthrene-d10	1100138	16.804				
1719-03-5	Chrysene-d12	1091058	21.027				
1520-96-3	Perylene-d12	1372756	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.452	880	J			5.452	
000098-82-8	Benzene, (1-methylethyl)-	380	J			5.905	
	(DEL) Alkane: Straight-Chain5.981	320	J			5.981	
	(DEL) Alkane: Cyclic6.052	320	J			6.052	
	(DEL) Alkane: Straight-Chain6.311	250	J			6.311	
000103-65-1	Benzene, propyl-	780	J			6.387	
	(DEL) Alkane: Straight-Chain6.464	610	J			6.464	
000611-14-3	Benzene, 1-ethyl-2-methyl-	1600	J			6.499	
019549-80-5	2-Heptanone, 4,6-dimethyl-	460	J			6.84	
000526-73-8	Benzene, 1,2,3-trimethyl-	4100	J			7.04	
	(DEL) Alkane: Straight-Chain7.293	240	J			7.293	
	(DEL) Alkane: Straight-Chain7.316	250	J			7.316	
000104-76-7	1-Hexanol, 2-ethyl-	1100	J			7.469	
000108-67-8	Mesitylene	730	J			7.499	
	(DEL) Alkane: Straight-Chain7.581	290	J			7.581	
	(DEL) Alkane: Straight-Chain7.658	630	J			7.658	
000496-11-7	Indane	630	J			7.752	

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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:	DDCD7			SDG No.:	BN100224
Lab Sample ID:	P4017-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.4
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
BN034361.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	620	J			7.816	
000141-93-5	Benzene, 1,3-diethyl-	530	J			7.875	
001074-55-1	Benzene, 1-methyl-4-propyl-	950	J			7.928	
	(DEL) Alkane: Straight-Chain7.981	460	J			7.981	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	910	J			8.022	
	(DEL) Alkane: Straight-Chain8.052	760	J			8.052	
	(DEL) Alkane: Straight-Chain8.158	670	J			8.158	
001074-17-5	Benzene, 1-methyl-2-propyl-	490	J			8.181	
000527-84-4	o-Cymene	630	J			8.381	
	(DEL) Alkane: Straight-Chain8.622	2300	J			8.622	
	unknown-01	790	J			8.728	
	(DEL) Alkane: Straight-Chain9.452	93	J			9.452	
	(DEL) Alkane: Straight-Chain11.599	120	J			11.599	
000497-62-1	Bicyclo[4.1.0]heptan-2-one, 3,7,7-	540	J			12.604	
000575-43-9	Naphthalene, 1,6-dimethyl-	1600	J			13.193	
000581-40-8	Naphthalene, 2,3-dimethyl-	1000	J			13.351	
000571-58-4	Naphthalene, 1,4-dimethyl-	760	J			13.404	
	(DEL) Alkane: Straight-Chain13.551	470	J			13.551	
000582-16-1	Naphthalene, 2,7-dimethyl-	510	J			13.593	
	(DEL) Alkane: Straight-Chain13.975	870	J			13.975	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	770	J			14.445	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	490	J			14.528	
	(DEL) Alkane: Straight-Chain14.598	440	J			14.598	
	(DEL) Alkane: Straight-Chain14.934	880	J			14.934	
	unknown-02	680	J			15.34	
000119-61-9	Benzophenone	640	J			15.422	
	(DEL) Alkane: Straight-Chain15.804	1700	J			15.804	
002523-37-7	9H-Fluorene, 9-methyl-	630	J			16.157	
	(DEL) Alkane: Straight-Chain16.598	1200	J			16.598	
	(DEL) Alkane: Straight-Chain16.651	580	J			16.651	

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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:	DDCD7			SDG No.:	BN100224
Lab Sample ID:	P4017-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.4
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
BN034361.D	1	9/18/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain17.334	1200	J			17.334	
000112-39-0	Hexadecanoic acid, methyl ester	3200	J			17.51	
000057-10-3	n-Hexadecanoic acid	850	J			17.734	
	(DEL) Alkane: Straight-Chain18.028	1100	J			18.028	
001937-63-9	11-Octadecenoic acid, methyl ester	3400	J			18.692	
000112-61-8	Methyl stearate	1200	J			18.834	
	(DEL) Alkane: Straight-Chain19.263	600	J			19.263	
	(DEL) Alkane: Straight-Chain19.804	520	J			19.804	
	(DEL) Alkane: Straight-Chain20.304	480	J			20.304	
	(DEL) Alkane: Straight-Chain20.775	1200	J			20.775	
	(DEL) Alkane: Straight-Chain21.251	490	J			21.251	
000112-79-8	9-Octadecenoic acid, (E)-	450	J			21.663	
	(DEL) Alkane: Straight-Chain21.769	1100	J			21.769	
E966796	Total Alkanes	21000				99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : DCVW4									
P4016-13	DCVW4	Solid	Benzophenone	*	84.000	J			
P4016-13	DCVW4	Solid	Total Alkanes	*	0.000		56	210	ug/Kg
			Total Tics :		**84.00**				
P4016-13	DCVW4	Solid	Pentachlorophenol		330.000	J	46	400	ug/Kg
			Total Svoc :		**330.00**				
			Total Concentration:		**414.00**				
Client ID : DCVW5									
P4016-14	DCVW5	Solid	Total Alkanes	*	0.000		57	210	ug/Kg
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID : DDC20									
P4016-15	DDC20	Solid	(DEL) Alkane: Cyclic6.052	*	110.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain11.1	*	160.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain11.5	*	310.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain12.4	*	87.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain12.5	*	140.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain12.8	*	430.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain14.9	*	540.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain15.3	*	250.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain15.5	*	81.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain15.8	*	410.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain16.5	*	270.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain16.6	*	260.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain17.7	*	260.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain18.0	*	190.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain18.6	*	180.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain19.2	*	110.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain19.8	*	150.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain21.7	*	110.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain5.45	*	250.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain5.98	*	110.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain6.40	*	120.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain6.46	*	160.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain7.02	*	870.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain7.65	*	180.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain7.92	*	280.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain7.9	*	140.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain8.1	*	180.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain8.6	*	1,000.000	J			
P4016-15	DDC20	Solid	(DEL) Alkane: Straight-Chain9.4	*	85.000	J			
P4016-15	DDC20	Solid	1-Decanol, 2-octyl-	*	140.000	J			
P4016-15	DDC20	Solid	1-Dodecanol, 2-octyl-	*	190.000	J			
P4016-15	DDC20	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	220.000	J			
P4016-15	DDC20	Solid	2-(4-Hydroxyphenyl)-2-(4-metho	*	91.000	J			
P4016-15	DDC20	Solid	4,6,8-Trimethylazulene	*	340.000	J			
P4016-15	DDC20	Solid	9-Methyl-S-octahydroanthracene	*	480.000	J			
P4016-15	DDC20	Solid	Azulene, 1,4-dimethyl-7-(1-methy	*	200.000	J			
P4016-15	DDC20	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	290.000	J			
P4016-15	DDC20	Solid	Hexylene glycol	*	170.000	J			
P4016-15	DDC20	Solid	n-Hexadecanoic acid	*	120.000	J			
P4016-15	DDC20	Solid	Naphthalene, 1,6,7-trimethyl-	*	80.000	J			
P4016-15	DDC20	Solid	Naphthalene, 1,6-dimethyl-	*	200.000	J			
P4016-15	DDC20	Solid	Naphthalene, 2,6-dimethyl-	*	190.000	J			
P4016-15	DDC20	Solid	Naphthalene, 2,7-dimethyl-	*	150.000	J			
P4016-15	DDC20	Solid	Octachlorodibenzo-p-dioxin	*	140.000	J			
P4016-15	DDC20	Solid	Oxalic acid, 2-ethylhexyl nonyl es	*	1,600.000	J			
P4016-15	DDC20	Solid	Phenol, 2,3,5,6-tetrachloro-	*	170.000	J			
P4016-15	DDC20	Solid	Sulfurous acid, 2-ethylhexyl hexyl	*	200.000	J			
P4016-15	DDC20	Solid	unknown-01	*	250.000	J			
P4016-15	DDC20	Solid	unknown-02	*	91.000	J			
P4016-15	DDC20	Solid	unknown-03	*	110.000	J			
P4016-15	DDC20	Solid	unknown-04	*	110.000	J			
P4016-15	DDC20	Solid	unknown-05	*	94.000	J			
P4016-15	DDC20	Solid	unknown-06	*	150.000	J			
P4016-15	DDC20	Solid	unknown-07	*	160.000	J			
P4016-15	DDC20	Solid	unknown-08	*	91.000	J			
P4016-15	DDC20	Solid	unknown-09	*	130.000	J			
P4016-15	DDC20	Solid	Total Alkanes	*	7,400.000		55	200	ug/Kg
			Total Tics :		**20,980.00**				
P4016-15	DDC20	Solid	1-Methylnaphthalene		73.000	J	23	200	ug/Kg
P4016-15	DDC20	Solid	2,3,4,6-Tetrachlorophenol		1,700.000		62	200	ug/Kg
P4016-15	DDC20	Solid	2-Methylnaphthalene		100.000	J	44	200	ug/Kg
P4016-15	DDC20	Solid	Pentachlorophenol		31,000.000	E	46	400	ug/Kg
			Total Svoc :		**32,873.00**				
			Total Concentration:		**53,853.00**				

Client ID : DDC21

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-16	DDC21	Solid	(DEL) Alkane: Cyclic14.151	*	520.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Cyclic6.052	*	180.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain11.1	*	180.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain11.5	*	340.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain12.5	*	170.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain12.8	*	500.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain13.5	*	150.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain14.5	*	160.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain15.3	*	300.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain15.8	*	500.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain16.5	*	310.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain16.6	*	170.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain17.3	*	340.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain18.0	*	210.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain18.6	*	200.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain19.2	*	110.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain19.8	*	180.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain20.3	*	94.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain21.2	*	140.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain21.6	*	98.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain21.7	*	140.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain5.45	*	550.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain5.98	*	160.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain6.40	*	170.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain6.46	*	220.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain7.02	*	1,300.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain7.92	*	260.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain7.98	*	150.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain8.15	*	180.000	J			
P4016-16	DDC21	Solid	(DEL) Alkane: Straight-Chain8.61	*	1,100.000	J			
P4016-16	DDC21	Solid	1,3-Pentanediol, 2,2,4-trimethyl-	*	170.000	J			
P4016-16	DDC21	Solid	1-Hexanol, 2-ethyl-	*	790.000	J			
P4016-16	DDC21	Solid	1H-Indole, 4-(3-methyl-2-butenyl	*	760.000	J			
P4016-16	DDC21	Solid	2-Ethylhexyl mercaptoacetate	*	2,700.000	J			
P4016-16	DDC21	Solid	2-Fluorobenzoic acid. heptadecyl	*	120.000	J			
P4016-16	DDC21	Solid	2-Methylidene-hydrazono-3-meth	*	410.000	J			
P4016-16	DDC21	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	1,100.000	J			
P4016-16	DDC21	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	120.000	J			
P4016-16	DDC21	Solid	9-Methyl-S-octahydroanthracene	*	190.000	J			
P4016-16	DDC21	Solid	Acetamide, 2-(4-methoxyphenyl)-	*	220.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-16	DDC21	Solid	Azulene, 1,4-dimethyl-7-(1-methy	*	110.000	J			
P4016-16	DDC21	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	440.000	J			
P4016-16	DDC21	Solid	Decane, 1,1-oxybis-	*	310.000	J			
P4016-16	DDC21	Solid	Hexylene glycol	*	150.000	J			
P4016-16	DDC21	Solid	n-Hexadecanoic acid	*	130.000	J			
P4016-16	DDC21	Solid	Naphthalene, 1,3-dimethyl-	*	180.000	J			
P4016-16	DDC21	Solid	Naphthalene, 1,6-dimethyl-	*	110.000	J			
P4016-16	DDC21	Solid	Naphthalene, 1,7-dimethyl-	*	140.000	J			
P4016-16	DDC21	Solid	Naphthalene, 2,7-bis(1,1-dimethyl	*	170.000	J			
P4016-16	DDC21	Solid	Naphthalene, 2,7-dimethyl-	*	270.000	J			
P4016-16	DDC21	Solid	Oxalic acid, allyl pentadecyl este	*	220.000	J			
P4016-16	DDC21	Solid	Propanoic acid, 2,2-dimethyl-, 2-e	*	140.000	J			
P4016-16	DDC21	Solid	Tetradecane, 1-iodo-	*	710.000	J			
P4016-16	DDC21	Solid	unknown-01	*	160.000	J			
P4016-16	DDC21	Solid	unknown-02	*	140.000	J			
P4016-16	DDC21	Solid	unknown-03	*	110.000	J			
P4016-16	DDC21	Solid	unknown-04	*	190.000	J			
P4016-16	DDC21	Solid	unknown-05	*	160.000	J			
P4016-16	DDC21	Solid	unknown-06	*	230.000	J			
P4016-16	DDC21	Solid	unknown-07	*	130.000	J			
P4016-16	DDC21	Solid	Total Alkanes	*	9,100.000		56	210	ug/Kg
			Total Tics :		**28,962.00**				
P4016-16	DDC21	Solid	1-Methylnaphthalene		120.000	J	23	210	ug/Kg
P4016-16	DDC21	Solid	2,3,4,6-Tetrachlorophenol		1,900.000		63	210	ug/Kg
P4016-16	DDC21	Solid	2-Methylnaphthalene		200.000	J	45	210	ug/Kg
P4016-16	DDC21	Solid	Isophorone		55.000	J	44	210	ug/Kg
P4016-16	DDC21	Solid	Naphthalene		66.000	J	40	210	ug/Kg
P4016-16	DDC21	Solid	Pentachlorophenol		16,000.000	E	46	400	ug/Kg
			Total Svoc :		**18,341.00**				
			Total Concentration:		**47,303.00**				
Client ID :	**DDC22**								
P4016-17	DDC22	Solid	(DEL) Alkane: Cyclic14.152	*	770.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Cyclic6.052	*	340.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain11.1	*	270.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain11.6	*	520.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain12.5	*	440.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain13.5	*	360.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain14.5	*	340.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain14.9	*	1,500.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain15.3	*	690.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain15.5	*	230.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,000.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain16.5	*	700.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain18.0	*	460.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain18.6	*	490.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain19.2	*	310.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain19.7	*	550.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain21.2	*	330.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain21.7	*	360.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain5.45	*	1,100.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain5.98	*	290.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain6.41	*	360.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain6.46	*	450.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain7.03	*	2,700.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain7.98	*	290.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain8.05	*	350.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain8.15	*	420.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain8.61	*	2,100.000	J			
P4016-17	DDC22	Solid	(DEL) Alkane: Straight-Chain9.45	*	110.000	J			
P4016-17	DDC22	Solid	1,2,3,4,5,6,7,8-Octahydro-1-methy	*	2,500.000	J			
P4016-17	DDC22	Solid	1,3-Pentanediol, 2,2,4-trimethyl-	*	490.000	J			
P4016-17	DDC22	Solid	1-Hexanol, 2-ethyl-	*	2,100.000	J			
P4016-17	DDC22	Solid	2,3-Dihydrothieno[3,4-b][1,4]diox	*	430.000	J			
P4016-17	DDC22	Solid	2-Bromo dodecane	*	410.000	J			
P4016-17	DDC22	Solid	2-Ethylhexyl mercaptoacetate	*	4,400.000	J			
P4016-17	DDC22	Solid	2-Methylidene-hydrazono-3-meth	*	960.000	J			
P4016-17	DDC22	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	440.000	A			
P4016-17	DDC22	Solid	9-Methyl-S-octahydroanthracene	*	550.000	J			
P4016-17	DDC22	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	710.000	J			
P4016-17	DDC22	Solid	Benzene, 1-methyl-3-propyl-	*	560.000	J			
P4016-17	DDC22	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	270.000	J			
P4016-17	DDC22	Solid	Butanoic acid	*	420.000	J			
P4016-17	DDC22	Solid	Carbonic acid, 2-ethylhexyl tridec	*	710.000	J			
P4016-17	DDC22	Solid	Cyclopropane, 1-methoxy-2,2-dim	*	2,000.000	J			
P4016-17	DDC22	Solid	Hexylene glycol	*	810.000	J			
P4016-17	DDC22	Solid	Naphthalene, 1,6-dimethyl-	*	280.000	J			
P4016-17	DDC22	Solid	Naphthalene, 2,3-dimethyl-	*	340.000	J			
P4016-17	DDC22	Solid	Naphthalene, 2,6-dimethyl-	*	550.000	J			
P4016-17	DDC22	Solid	Propanoic acid, 2,2-dimethyl-, 2-e	*	340.000	J			
P4016-17	DDC22	Solid	Tridecane, 1-iodo-	*	700.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-17	DDC22	Solid	unknown-01	*	440.000	J			
P4016-17	DDC22	Solid	unknown-02	*	660.000	J			
P4016-17	DDC22	Solid	unknown-03	*	300.000	J			
P4016-17	DDC22	Solid	unknown-04	*	420.000	J			
P4016-17	DDC22	Solid	unknown-05	*	520.000	J			
P4016-17	DDC22	Solid	unknown-06	*	410.000	J			
P4016-17	DDC22	Solid	unknown-07	*	310.000	J			
P4016-17	DDC22	Solid	unknown-08	*	440.000	J			
P4016-17	DDC22	Solid	unknown-09	*	600.000	J			
P4016-17	DDC22	Solid	Total Alkanes	*	18,000.000		57	210	ug/Kg
			Total Tics :		**59,900.00**				
P4016-17	DDC22	Solid	1,1-Biphenyl		70.000	J	57	210	ug/Kg
P4016-17	DDC22	Solid	1-Methylnaphthalene		350.000		23	210	ug/Kg
P4016-17	DDC22	Solid	2,3,4,6-Tetrachlorophenol		3,600.000	E	64	210	ug/Kg
P4016-17	DDC22	Solid	2-Methylnaphthalene		580.000		46	210	ug/Kg
P4016-17	DDC22	Solid	Isophorone		260.000		44	210	ug/Kg
P4016-17	DDC22	Solid	Naphthalene		220.000		41	210	ug/Kg
P4016-17	DDC22	Solid	Pentachlorophenol		30,000.000	E	47	410	ug/Kg
P4016-17	DDC22	Solid	Phenanthrene		120.000	J	65	210	ug/Kg
			Total Svoc :		**35,200.00**				
			Total Concentration:		**95,100.00**				
Client ID :	**DDC23**								
P4016-18	DDC23	Solid	(DEL) Alkane: Cyclic11.657	*	190.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Cyclic5.704	*	330.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Cyclic7.681	*	700.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Cyclic9.186	*	140.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain10.3	*	100.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain11.6	*	470.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain13.5	*	1,900.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain14.6	*	950.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain14.9	*	2,400.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,800.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain15.8	*	2,400.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain16.6	*	1,500.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain16.6	*	1,600.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain17.3	*	1,600.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain18.0	*	1,400.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain18.6	*	1,500.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain19.8	*	1,100.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain20.7	*	1,800.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain21.2	*	810.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain21.7	*	1,200.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain5.4(	*	1,200.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain5.91	*	400.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain5.9(	*	410.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain6.32	*	360.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain6.42	*	490.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain6.48	*	770.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain7.05	*	2,100.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain7.24	*	300.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain7.9(	*	510.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain8.17	*	810.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain8.65	*	1,900.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain9.47	*	230.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain9.53	*	130.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain9.61	*	120.000	J			
P4016-18	DDC23	Solid	(DEL) Alkane: Straight-Chain9.71	*	190.000	J			
P4016-18	DDC23	Solid	1-Hexanol, 2-ethyl-	*	1,300.000	J			
P4016-18	DDC23	Solid	2,6-Pyridinediamine	*	790.000	J			
P4016-18	DDC23	Solid	2-Heptanone, 4,6-dimethyl-	*	550.000	J			
P4016-18	DDC23	Solid	4,6,8-Trimethylazulene	*	2,900.000	J			
P4016-18	DDC23	Solid	9-Methyl-S-octahydroanthracene	*	2,000.000	J			
P4016-18	DDC23	Solid	9-Octadecenoic acid, (E)-	*	930.000	J			
P4016-18	DDC23	Solid	Anthracene, 2-methyl-	*	720.000	J			
P4016-18	DDC23	Solid	Bacchotricuneatin c	*	1,200.000	J			
P4016-18	DDC23	Solid	Benzene, 1,3-diethyl-	*	370.000	J			
P4016-18	DDC23	Solid	Benzene, 1-ethyl-2-methyl-	*	550.000	J			
P4016-18	DDC23	Solid	Benzene, 1-ethyl-3-methyl-	*	370.000	J			
P4016-18	DDC23	Solid	Benzene, 1-methyl-3-propyl-	*	990.000	J			
P4016-18	DDC23	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	470.000	J			
P4016-18	DDC23	Solid	Benzene, propyl-	*	470.000	J			
P4016-18	DDC23	Solid	Cyclohexanone, 2,3-dimethyl-	*	490.000	J			
P4016-18	DDC23	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	330.000	J			
P4016-18	DDC23	Solid	D-Limonene	*	680.000	J			
P4016-18	DDC23	Solid	Hexadecanoic acid, methyl ester	*	1,600.000	J			
P4016-18	DDC23	Solid	Hexylene glycol	*	940.000	J			
P4016-18	DDC23	Solid	Naphthalene, 1,3-dimethyl-	*	1,200.000	J			
P4016-18	DDC23	Solid	Naphthalene, 1,4,6-trimethyl-	*	840.000	J			
P4016-18	DDC23	Solid	Naphthalene, 1,8-dimethyl-	*	1,500.000	J			
P4016-18	DDC23	Solid	Naphthalene, 2,7-dimethyl-	*	1,200.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-18	DDC23	Solid	o-Cymene	*	500.000	J			
P4016-18	DDC23	Solid	Propanoic acid, 2-methyl-, hexyl ε	*	690.000	J			
P4016-18	DDC23	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	3,100.000	J			
P4016-18	DDC23	Solid	unknown-01	*	850.000	J			
P4016-18	DDC23	Solid	unknown-02	*	450.000	J			
P4016-18	DDC23	Solid	unknown-03	*	790.000	J			
P4016-18	DDC23	Solid	unknown-04	*	1,400.000	J			
P4016-18	DDC23	Solid	Total Alkanes	*	34,000.000		56	210	ug/Kg
			Total Tics :		**97,980.00**				
P4016-18	DDC23	Solid	1,1-Biphenyl		450.000		56	210	ug/Kg
P4016-18	DDC23	Solid	1-Methylnaphthalene		3,200.000	E	23	210	ug/Kg
P4016-18	DDC23	Solid	2,3,4,6-Tetrachlorophenol		16,000.000	E	63	210	ug/Kg
P4016-18	DDC23	Solid	2,4,5-Trichlorophenol		480.000		60	210	ug/Kg
P4016-18	DDC23	Solid	2,4,6-Trichlorophenol		190.000	J	61	210	ug/Kg
P4016-18	DDC23	Solid	2-Methylnaphthalene		5,400.000	E	45	210	ug/Kg
P4016-18	DDC23	Solid	Acenaphthene		150.000	J	61	210	ug/Kg
P4016-18	DDC23	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	52	210	ug/Kg
P4016-18	DDC23	Solid	Fluorene		320.000		71	210	ug/Kg
P4016-18	DDC23	Solid	Naphthalene		2,200.000		40	210	ug/Kg
P4016-18	DDC23	Solid	Pentachlorophenol		100,000.000	E	46	400	ug/Kg
P4016-18	DDC23	Solid	Phenanthrene		840.000		64	210	ug/Kg
			Total Svoc :		**129,340.00**				
			Total Concentration:		**227,320.00**				
Client ID :	**DDC24**								
P4016-21	DDC24	Solid	(DEL) Alkane: Cyclic12.304	*	520.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Cyclic7.675	*	670.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain10.6	*	230.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain11.6	*	400.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain12.2	*	670.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain12.3	*	600.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain12.5	*	930.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain13.5	*	1,500.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain13.9	*	2,800.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain14.6	*	710.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain14.9	*	2,300.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,400.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain15.8	*	2,900.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain16.6	*	2,100.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain16.6	*	1,700.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain17.3	*	1,900.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain18.(	*	1,500.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain18.(	*	1,700.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain19.2	*	410.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain19.8	*	440.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain20.7	*	800.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain21.7	*	470.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain5.45	*	1,100.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain5.7(	*	270.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain5.91	*	280.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain5.98	*	430.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain6.31	*	300.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain6.38	*	350.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain6.41	*	510.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain6.4(	*	660.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain7.05	*	2,600.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain7.59	*	280.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain7.99	*	500.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain8.1(	*	740.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain8.64	*	2,200.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain9.17	*	81.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain9.4(	*	190.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain9.52	*	100.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain9.61	*	110.000	J			
P4016-21	DDC24	Solid	(DEL) Alkane: Straight-Chain9.71	*	100.000	J			
P4016-21	DDC24	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	210.000	J			
P4016-21	DDC24	Solid	2-Heptanone, 4,6-dimethyl-	*	330.000	J			
P4016-21	DDC24	Solid	3-Octen-2-ol	*	280.000	J			
P4016-21	DDC24	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	200.000	J			
P4016-21	DDC24	Solid	Benzene, 1,3-diethyl-	*	290.000	J			
P4016-21	DDC24	Solid	Benzene, 1-ethyl-2-methyl-	*	390.000	J			
P4016-21	DDC24	Solid	Benzene, 1-ethyl-3-methyl-	*	390.000	J			
P4016-21	DDC24	Solid	Benzene, 1-methyl-4-propyl-	*	950.000	J			
P4016-21	DDC24	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	390.000	J			
P4016-21	DDC24	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	490.000	J			
P4016-21	DDC24	Solid	Cyclohexanone, 2,3-dimethyl-	*	420.000	J			
P4016-21	DDC24	Solid	Cyclopropane, 1-methoxy-2,2-din	*	1,400.000	J			
P4016-21	DDC24	Solid	Hexadecanoic acid, methyl ester	*	1,700.000	J			
P4016-21	DDC24	Solid	Mesitylene	*	420.000	J			
P4016-21	DDC24	Solid	n-Hexadecanoic acid	*	890.000	J			
P4016-21	DDC24	Solid	Naphthalene, 1,2-dimethyl-	*	1,500.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4016-21	DDC24	Solid	Naphthalene, 1,4,6-trimethyl-	*	620.000	J			
P4016-21	DDC24	Solid	Naphthalene, 1,4-dimethyl-	*	550.000	J			
P4016-21	DDC24	Solid	Naphthalene, 1,6,7-trimethyl-	*	610.000	J			
P4016-21	DDC24	Solid	Naphthalene, 1,7-dimethyl-	*	1,100.000	J			
P4016-21	DDC24	Solid	Naphthalene, 2,3,6-trimethyl-	*	1,900.000	J			
P4016-21	DDC24	Solid	Naphthalene, 2,7-dimethyl-	*	970.000	J			
P4016-21	DDC24	Solid	o-Cymene	*	430.000	J			
P4016-21	DDC24	Solid	Oxalic acid, isobutyl nonyl ester	*	460.000	J			
P4016-21	DDC24	Solid	p-Cymene	*	120.000	J			
P4016-21	DDC24	Solid	unknown-01	*	850.000	J			
P4016-21	DDC24	Solid	unknown-02	*	130.000	J			
P4016-21	DDC24	Solid	unknown-03	*	380.000	J			
P4016-21	DDC24	Solid	unknown-04	*	140.000	J			
P4016-21	DDC24	Solid	unknown-05	*	1,300.000	J			
P4016-21	DDC24	Solid	Total Alkanes	*	37,000.000		55	200	ug/Kg
			Total Tics :		**94,261.00**				
P4016-21	DDC24	Solid	1,1-Biphenyl		220.000		55	200	ug/Kg
P4016-21	DDC24	Solid	1-Methylnaphthalene		1,500.000		23	200	ug/Kg
P4016-21	DDC24	Solid	2,3,4,6-Tetrachlorophenol		5,400.000	E	62	200	ug/Kg
P4016-21	DDC24	Solid	2,4,5-Trichlorophenol		540.000		59	200	ug/Kg
P4016-21	DDC24	Solid	2-Methylnaphthalene		2,600.000		44	200	ug/Kg
P4016-21	DDC24	Solid	Acenaphthene		77.000	J	60	200	ug/Kg
P4016-21	DDC24	Solid	Fluorene		160.000	J	69	200	ug/Kg
P4016-21	DDC24	Solid	Naphthalene		930.000		40	200	ug/Kg
P4016-21	DDC24	Solid	Pentachlorophenol		47,000.000	E	46	400	ug/Kg
P4016-21	DDC24	Solid	Phenanthrene		450.000		63	200	ug/Kg
			Total Svoc :		**58,877.00**				
			Total Concentration:		**153,138.00**				
Client ID :	**DDC25**								
P4016-22	DDC25	Solid	1-Heneicosanol	*	170.000	J			
P4016-22	DDC25	Solid	Benzophenone	*	330.000	J			
P4016-22	DDC25	Solid	n-Hexadecanoic acid	*	270.000	J			
P4016-22	DDC25	Solid	Total Alkanes	*	0.000		57	210	ug/Kg
			Total Tics :		**770.00**				
P4016-22	DDC25	Solid	2,3,4,6-Tetrachlorophenol		220.000		64	210	ug/Kg
P4016-22	DDC25	Solid	Pentachlorophenol		3,600.000		47	410	ug/Kg
			Total Svoc :		**3,820.00**				
			Total Concentration:		**4,590.00**				
Client ID :	**DDC40**								
P4017-01	DDC40	Solid	(DEL) Alkane: Cyclic14.152	*	200.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain11.5	*	140.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain12.8	*	160.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain14.9	*	220.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain15.3	*	130.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain15.8	*	180.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain16.5	*	150.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain16.6	*	92.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain18.0	*	110.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain18.6	*	97.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain20.7	*	410.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain21.7	*	100.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain5.45	*	290.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain5.98	*	99.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain6.31	*	92.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain6.40	*	150.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain6.46	*	190.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain7.02	*	1,100.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain7.98	*	150.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain8.15	*	170.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain8.61	*	700.000	J			
P4017-01	DDC40	Solid	(DEL) Alkane: Straight-Chain8.95	*	84.000	J			
P4017-01	DDC40	Solid	1-Hexanol, 2-ethyl-	*	1,000.000	J			
P4017-01	DDC40	Solid	2-Heptanone, 4,6-dimethyl-	*	170.000	J			
P4017-01	DDC40	Solid	2-Methyl-1-hexanol	*	150.000	J			
P4017-01	DDC40	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	400.000	A			
P4017-01	DDC40	Solid	Benzene, 1,3-diethyl-	*	100.000	J			
P4017-01	DDC40	Solid	Benzene, 1-methyl-2-propyl-	*	130.000	J			
P4017-01	DDC40	Solid	Benzene, 1-methyl-4-propyl-	*	210.000	J			
P4017-01	DDC40	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	170.000	J			
P4017-01	DDC40	Solid	Benzophenone	*	250.000	J			
P4017-01	DDC40	Solid	Butanoic acid	*	250.000	J			
P4017-01	DDC40	Solid	Cyclohexanol, 1-methyl-	*	100.000	J			
P4017-01	DDC40	Solid	Cyclohexanone, 2,3-dimethyl-	*	120.000	J			
P4017-01	DDC40	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	200.000	J			
P4017-01	DDC40	Solid	Hexanoic acid, 2-ethyl-	*	100.000	J			
P4017-01	DDC40	Solid	Hexylene glycol	*	260.000	J			
P4017-01	DDC40	Solid	Mesitylene	*	98.000	J			
P4017-01	DDC40	Solid	n-Hexadecanoic acid	*	650.000	J			
P4017-01	DDC40	Solid	Naphthalene, 1,7-dimethyl-	*	98.000	J			
P4017-01	DDC40	Solid	Naphthalene, 2,3,6-trimethyl-	*	130.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-01	DDC40	Solid	Naphthalene, 2,3-dimethyl-	*	98.000	J			
P4017-01	DDC40	Solid	o-Cymene	*	160.000	J			
P4017-01	DDC40	Solid	Octadecanoic acid	*	160.000	J			
P4017-01	DDC40	Solid	Phenol, 2,3,5,6-tetrachloro-	*	110.000	J			
P4017-01	DDC40	Solid	Sulfurous acid, 2-ethylhexyl hepta	*	510.000	J			
P4017-01	DDC40	Solid	Tridecane, 1-iodo-	*	130.000	J			
P4017-01	DDC40	Solid	unknown-01	*	510.000	J			
P4017-01	DDC40	Solid	unknown-02	*	120.000	J			
P4017-01	DDC40	Solid	unknown-03	*	220.000	J			
P4017-01	DDC40	Solid	unknown-04	*	230.000	J			
P4017-01	DDC40	Solid	unknown-05	*	140.000	J			
P4017-01	DDC40	Solid	unknown-06	*	340.000	J			
P4017-01	DDC40	Solid	Total Alkanes	*	5,000.000		56	210	ug/Kg
			Total Tics :		**17,328.00**				
P4017-01	DDC40	Solid	1-Methylnaphthalene		48.000	J	23	210	ug/Kg
P4017-01	DDC40	Solid	2,3,4,6-Tetrachlorophenol		4,500.000	E	63	210	ug/Kg
P4017-01	DDC40	Solid	2-Methylnaphthalene		78.000	J	45	210	ug/Kg
P4017-01	DDC40	Solid	Isophorone		75.000	J	44	210	ug/Kg
P4017-01	DDC40	Solid	Pentachlorophenol		12,000.000	E	46	400	ug/Kg
			Total Svoc :		**16,701.00**				
			Total Concentration:		**34,029.00**				
Client ID :	**DDC43**								
P4017-04	DDC43	Solid	(DEL) Alkane: Cyclic7.663	*	470.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain10.6	*	130.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain11.4	*	83.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain11.5	*	210.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain12.5	*	290.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain12.8	*	800.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain13.5	*	420.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain14.5	*	260.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain14.9	*	860.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain15.3	*	450.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain15.8	*	940.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain16.5	*	680.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain16.6	*	380.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain17.3	*	670.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain18.0	*	580.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain18.6	*	560.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain19.2	*	320.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain19.8	*	280.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain20.3	*	240.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain21.2	*	240.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain5.45	*	600.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain6.40	*	320.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain6.46	*	410.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain7.03	*	2,800.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain7.98	*	350.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain8.15	*	510.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain8.61	*	2,100.000	J			
P4017-04	DDC43	Solid	(DEL) Alkane: Straight-Chain9.45	*	130.000	J			
P4017-04	DDC43	Solid	1-Hexanol, 2-ethyl-	*	1,400.000	J			
P4017-04	DDC43	Solid	2-Heptanone, 4,6-dimethyl-	*	480.000	J			
P4017-04	DDC43	Solid	4,6,8-Trimethylazulene	*	690.000	J			
P4017-04	DDC43	Solid	8-Octadecenoic acid, methyl ester	*	680.000	J			
P4017-04	DDC43	Solid	Benzene, 1,2-diethyl-	*	320.000	J			
P4017-04	DDC43	Solid	Benzene, 1-ethyl-2-methyl-	*	350.000	J			
P4017-04	DDC43	Solid	Benzene, 1-methyl-2-propyl-	*	360.000	J			
P4017-04	DDC43	Solid	Benzene, 1-methyl-3-(1-methyleth	*	360.000	J			
P4017-04	DDC43	Solid	Benzene, 1-methyl-3-propyl-	*	700.000	J			
P4017-04	DDC43	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	550.000	J			
P4017-04	DDC43	Solid	Benzophenone	*	790.000	J			
P4017-04	DDC43	Solid	Butanoic acid, butyl ester	*	360.000	J			
P4017-04	DDC43	Solid	Carbonic acid, 2-ethylhexyl nonyl	*	710.000	J			
P4017-04	DDC43	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	410.000	J			
P4017-04	DDC43	Solid	Hexadecanoic acid, methyl ester	*	1,000.000	J			
P4017-04	DDC43	Solid	Methyl stearate	*	370.000	J			
P4017-04	DDC43	Solid	n-Hexadecanoic acid	*	460.000	J			
P4017-04	DDC43	Solid	Naphthalene, 1,5-dimethyl-	*	510.000	J			
P4017-04	DDC43	Solid	Naphthalene, 1,6,7-trimethyl-	*	280.000	J			
P4017-04	DDC43	Solid	Naphthalene, 2,3,6-trimethyl-	*	270.000	J			
P4017-04	DDC43	Solid	Naphthalene, 2,3-dimethyl-	*	510.000	J			
P4017-04	DDC43	Solid	Naphthalene, 2,6-dimethyl-	*	730.000	J			
P4017-04	DDC43	Solid	o-Cymene	*	310.000	J			
P4017-04	DDC43	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	370.000	J			
P4017-04	DDC43	Solid	Phytol	*	290.000	J			
P4017-04	DDC43	Solid	Propanoic acid, 2-methyl-, 2-ethyl	*	390.000	J			
P4017-04	DDC43	Solid	Silane, trimethyl-2-naphthalenyl-	*	460.000	J			
P4017-04	DDC43	Solid	Sulfurous acid, 2-ethylhexyl nony	*	1,900.000	J			
P4017-04	DDC43	Solid	unknown-01	*	660.000	J			
P4017-04	DDC43	Solid	unknown-02	*	280.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-04	DDC43	Solid	Total Alkanes	*	16,000.000		54	200	ug/Kg
			Total Tics :		**49,033.00**				
P4017-04	DDC43	Solid	1-Methylnaphthalene		320.000		22	200	ug/Kg
P4017-04	DDC43	Solid	2,3,4,6-Tetrachlorophenol		4,200.000	E	61	200	ug/Kg
P4017-04	DDC43	Solid	2-Methylnaphthalene		560.000		44	200	ug/Kg
P4017-04	DDC43	Solid	Isophorone		110.000	J	42	200	ug/Kg
P4017-04	DDC43	Solid	Naphthalene		200.000		39	200	ug/Kg
P4017-04	DDC43	Solid	Pentachlorophenol		31,000.000	E	45	390	ug/Kg
P4017-04	DDC43	Solid	Phenanthrene		130.000	J	63	200	ug/Kg
			Total Svoc :		**36,520.00**				
			Total Concentration:		**85,553.00**				
Client ID :	**DDC44**								
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain12.8	*	100.000	J			
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain14.9	*	160.000	J			
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain15.8	*	140.000	J			
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain17.3	*	95.000	J			
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain18.0	*	91.000	J			
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain20.7	*	160.000	J			
P4017-05	DDC44	Solid	(DEL) Alkane: Straight-Chain8.61	*	110.000	J			
P4017-05	DDC44	Solid	13-Docosenamide, (Z)-	*	91.000	J			
P4017-05	DDC44	Solid	2-Ethylhexyl mercaptoacetate	*	540.000	J			
P4017-05	DDC44	Solid	4,6,8-Trimethylazulene	*	110.000	J			
P4017-05	DDC44	Solid	Anisole, 2,3,4,5,6-pentachloro-	*	90.000	J			
P4017-05	DDC44	Solid	Benzophenone	*	550.000	J			
P4017-05	DDC44	Solid	Hexadecane, 1-iodo-	*	110.000	J			
P4017-05	DDC44	Solid	n-Hexadecanoic acid	*	250.000	J			
P4017-05	DDC44	Solid	Total Alkanes	*	860.000		62	230	ug/Kg
			Total Tics :		**3,457.00**				
P4017-05	DDC44	Solid	2,3,4,6-Tetrachlorophenol		450.000		70	230	ug/Kg
P4017-05	DDC44	Solid	Pentachlorophenol		5,000.000		51	440	ug/Kg
			Total Svoc :		**5,450.00**				
			Total Concentration:		**8,907.00**				
Client ID :	**DDC85**								
P4017-10	DDC85	Solid	(2E,4E)-3,7-Dimethylocta-2,4-die	*	79.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain13.9	*	420.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain14.8	*	180.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain14.9	*	250.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain15.7	*	310.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain16.5	*	210.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain16.6	*	100.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain17.3	*	220.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain18.0	*	180.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain18.6	*	130.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain20.3	*	80.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain21.2	*	82.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain21.7	*	160.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain7.02	*	290.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain7.46	*	95.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain7.92	*	200.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain7.98	*	120.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain8.04	*	170.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain8.15	*	210.000	J			
P4017-10	DDC85	Solid	(DEL) Alkane: Straight-Chain8.61	*	530.000	J			
P4017-10	DDC85	Solid	1,3-Hexadiene, 3-ethyl-2-methyl-,	*	270.000	J			
P4017-10	DDC85	Solid	2-Thiophenecarboxylic acid, 6-eth	*	130.000	J			
P4017-10	DDC85	Solid	3,4-Methylenedioxypropiophenon	*	160.000	J			
P4017-10	DDC85	Solid	Anisole, 2,3,4,5,6-pentachloro-	*	100.000	J			
P4017-10	DDC85	Solid	Benzophenone	*	360.000	J			
P4017-10	DDC85	Solid	Carbonic acid, tetradecyl vinyl es	*	250.000	J			
P4017-10	DDC85	Solid	Dehydrochamazulene	*	82.000	J			
P4017-10	DDC85	Solid	Methanone, (1-hydroxycyclohexy	*	79.000	J			
P4017-10	DDC85	Solid	n-Hexadecanoic acid	*	250.000	J			
P4017-10	DDC85	Solid	Naphthalene, 1,4-dimethyl-	*	170.000	J			
P4017-10	DDC85	Solid	Naphthalene, 2,3-dimethyl-	*	89.000	J			
P4017-10	DDC85	Solid	Octadecanoic acid	*	170.000	J			
P4017-10	DDC85	Solid	Pentadecafluorooctanoic acid, oct	*	290.000	J			
P4017-10	DDC85	Solid	Phenol, 2,3,5,6-tetrachloro-	*	220.000	J			
P4017-10	DDC85	Solid	Sulfurous acid, butyl decyl ester	*	140.000	J			
P4017-10	DDC85	Solid	unknown-01	*	160.000	J			
P4017-10	DDC85	Solid	unknown-02	*	290.000	J			
P4017-10	DDC85	Solid	unknown-03	*	230.000	J			
P4017-10	DDC85	Solid	unknown-04	*	97.000	J			
P4017-10	DDC85	Solid	unknown-05	*	120.000	J			
P4017-10	DDC85	Solid	unknown-06	*	250.000	J			
P4017-10	DDC85	Solid	unknown-07	*	96.000	J			
P4017-10	DDC85	Solid	Total Alkanes	*	3,900.000		54	200	ug/Kg
			Total Tics :		**11,919.00**				
P4017-10	DDC85	Solid	2,3,4,6-Tetrachlorophenol		1,200.000		61	200	ug/Kg
P4017-10	DDC85	Solid	Fluoranthene		99.000	J	52	200	ug/Kg
P4017-10	DDC85	Solid	Pentachlorophenol		12,000.000	E	44	380	ug/Kg

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4017-10	DDC85	Solid	Pyrene	73.000	J	54	200	ug/Kg
			Total Svoc :	**13,372.00**				
			Total Concentration:	**25,291.00**				
Client ID : DDC94								
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain12.8 *	230.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain14.8 *	190.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain15.7 *	200.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain16.5 *	160.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain17.3 *	150.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain18.0 *	130.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain18.6 *	89.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain21.7 *	120.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain6.45 *	79.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.02 *	340.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.31 *	88.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.46 *	120.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.58 *	110.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.65 *	160.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.92 *	230.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain7.98 *	140.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain8.15 *	230.000	J			
P4017-12	DDC94	Solid	(DEL) Alkane: Straight-Chain8.61 *	600.000	J			
P4017-12	DDC94	Solid	1,3-Hexadiene, 3-ethyl-2-methyl-, *	200.000	J			
P4017-12	DDC94	Solid	1-Methylcycloheptanol *	290.000	J			
P4017-12	DDC94	Solid	2-Thiophenecarboxylic acid, 3-tri *	130.000	J			
P4017-12	DDC94	Solid	3,4-Methylenedioxypropiophenon *	110.000	J			
P4017-12	DDC94	Solid	3-Penten-2-one, 4-methyl- *	260.000	A			
P4017-12	DDC94	Solid	Anisole, 2,3,4,5,6-pentachloro- *	99.000	J			
P4017-12	DDC94	Solid	Benzophenone *	420.000	J			
P4017-12	DDC94	Solid	Ethanol, 2-(tetradecyloxy)- *	290.000	J			
P4017-12	DDC94	Solid	m-Menth-1(7)-ene, (R)-(-)- *	110.000	J			
P4017-12	DDC94	Solid	n-Hexadecanoic acid *	340.000	J			
P4017-12	DDC94	Solid	Naphthalene, 1,2-dimethyl- *	87.000	J			
P4017-12	DDC94	Solid	Octadecanoic acid *	130.000	J			
P4017-12	DDC94	Solid	Phenol, 2,3,5,6-tetrachloro- *	220.000	J			
P4017-12	DDC94	Solid	Sulfurous acid, 2-ethylhexyl nony *	370.000	J			
P4017-12	DDC94	Solid	Tetradecane, 1-iodo- *	190.000	J			
P4017-12	DDC94	Solid	unknown-01 *	160.000	J			
P4017-12	DDC94	Solid	unknown-02 *	88.000	J			
P4017-12	DDC94	Solid	unknown-03 *	240.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-12	DDC94	Solid	unknown-04	*	110.000	J			
P4017-12	DDC94	Solid	unknown-05	*	230.000	J			
P4017-12	DDC94	Solid	unknown-06	*	77.000	J			
P4017-12	DDC94	Solid	unknown-07	*	160.000	J			
P4017-12	DDC94	Solid	Total Alkanes	*	3,400.000		53	200	ug/Kg
			Total Tics :		**11,077.00**				
P4017-12	DDC94	Solid	2,3,4,6-Tetrachlorophenol		1,100.000		60	200	ug/Kg
P4017-12	DDC94	Solid	Fluoranthene		110.000	J	52	200	ug/Kg
P4017-12	DDC94	Solid	Pentachlorophenol		13,000.000	E	44	380	ug/Kg
P4017-12	DDC94	Solid	Pyrene		74.000	J	53	200	ug/Kg
			Total Svoc :		**14,284.00**				
			Total Concentration:		**25,361.00**				
Client ID : DDC95									
P4017-13	DDC95	Solid	(DEL) Alkane: Cyclic12.305	*	550.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Cyclic6.052	*	290.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Cyclic7.664	*	630.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain10.3	*	110.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain11.0	*	130.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain11.1	*	240.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain11.6	*	420.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain12.3	*	660.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain12.5	*	1,200.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain13.5	*	1,200.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain13.9	*	3,400.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain14.6	*	910.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain14.9	*	2,100.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,100.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain15.8	*	2,500.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain16.6	*	1,800.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain16.6	*	1,500.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain17.3	*	1,500.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain18.0	*	1,300.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain18.6	*	1,200.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain19.2	*	790.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain19.8	*	1,000.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain20.3	*	720.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain21.2	*	780.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain5.45	*	810.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain5.98	*	320.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain6.31	*	240.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain6.41	*	400.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain6.47	*	500.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain7.04	*	2,400.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain7.58	*	290.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain7.99	*	530.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain8.06	*	870.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain8.16	*	830.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain8.64	*	2,200.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain8.87	*	150.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain9.46	*	180.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain9.52	*	120.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain9.61	*	120.000	J			
P4017-13	DDC95	Solid	(DEL) Alkane: Straight-Chain9.71	*	120.000	J			
P4017-13	DDC95	Solid	11-Octadecenoic acid, methyl este	*	1,100.000	J			
P4017-13	DDC95	Solid	2(3H)-Furanone, 5-ethenyldihydrc	*	850.000	J			
P4017-13	DDC95	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	260.000	J			
P4017-13	DDC95	Solid	2,6-Pyridinediamine	*	830.000	J			
P4017-13	DDC95	Solid	2-Heptanone, 4,6-dimethyl-	*	430.000	J			
P4017-13	DDC95	Solid	4-(1-Pyrroyl)acetophenone	*	1,600.000	J			
P4017-13	DDC95	Solid	Benzene, (1-methylethyl)-	*	230.000	J			
P4017-13	DDC95	Solid	Benzene, 1,2,4,5-tetramethyl-	*	170.000	J			
P4017-13	DDC95	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	210.000	J			
P4017-13	DDC95	Solid	Benzene, 1,3-diethyl-	*	470.000	J			
P4017-13	DDC95	Solid	Benzene, 1-ethyl-3-methyl-	*	560.000	J			
P4017-13	DDC95	Solid	Benzene, 1-methyl-3-(1-methyleth	*	560.000	J			
P4017-13	DDC95	Solid	Benzene, 1-methyl-4-propyl-	*	970.000	J			
P4017-13	DDC95	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	490.000	J			
P4017-13	DDC95	Solid	Benzene, propyl-	*	320.000	J			
P4017-13	DDC95	Solid	Cyclohexanol, 1-methyl-	*	130.000	J			
P4017-13	DDC95	Solid	Hexadecanoic acid, methyl ester	*	1,800.000	J			
P4017-13	DDC95	Solid	Isobutyl octan-2-yl carbonate	*	330.000	J			
P4017-13	DDC95	Solid	Mesitylene	*	490.000	J			
P4017-13	DDC95	Solid	n-Hexadecanoic acid	*	710.000	J			
P4017-13	DDC95	Solid	Naphthalene, 1,4,6-trimethyl-	*	610.000	J			
P4017-13	DDC95	Solid	Naphthalene, 1,4-dimethyl-	*	640.000	J			
P4017-13	DDC95	Solid	Naphthalene, 1,5-dimethyl-	*	1,300.000	J			
P4017-13	DDC95	Solid	Naphthalene, 1,6,7-trimethyl-	*	1,200.000	J			
P4017-13	DDC95	Solid	Naphthalene, 1,6-dimethyl-	*	950.000	J			
P4017-13	DDC95	Solid	Naphthalene, 2,3-dimethyl-	*	1,100.000	J			
P4017-13	DDC95	Solid	o-Cymene	*	440.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-13	DDC95	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	1,800.000	J			
P4017-13	DDC95	Solid	Oxalic acid, decyl 2-ethylhexyl es	*	1,500.000	J			
P4017-13	DDC95	Solid	unknown-01	*	900.000	J			
P4017-13	DDC95	Solid	Total Alkanes	*	36,000.000		54	200	ug/Kg
			Total Tics :		**95,060.00**				
P4017-13	DDC95	Solid	1,1-Biphenyl		270.000		54	200	ug/Kg
P4017-13	DDC95	Solid	1-Methylnaphthalene		2,100.000		22	200	ug/Kg
P4017-13	DDC95	Solid	2,3,4,6-Tetrachlorophenol		19,000.000	E	61	200	ug/Kg
P4017-13	DDC95	Solid	2,4,5-Trichlorophenol		62.000	J	57	200	ug/Kg
P4017-13	DDC95	Solid	2,4,6-Trichlorophenol		180.000	J	59	200	ug/Kg
P4017-13	DDC95	Solid	2-Methylnaphthalene		3,400.000	E	43	200	ug/Kg
P4017-13	DDC95	Solid	Acenaphthene		71.000	J	59	200	ug/Kg
P4017-13	DDC95	Solid	Bis(2-ethylhexyl)phthalate		64.000	J	50	200	ug/Kg
P4017-13	DDC95	Solid	Fluoranthene		61.000	J	53	200	ug/Kg
P4017-13	DDC95	Solid	Fluorene		170.000	J	68	200	ug/Kg
P4017-13	DDC95	Solid	Naphthalene		1,200.000		39	200	ug/Kg
P4017-13	DDC95	Solid	Pentachlorophenol		79,000.000	E	44	390	ug/Kg
P4017-13	DDC95	Solid	Phenanthrene		600.000		62	200	ug/Kg
			Total Svoc :		**106,178.00**				
			Total Concentration:		**201,238.00**				
Client ID :	**DDC97**								
P4017-15	DDC97	Solid	(DEL) Alkane: Straight-Chain20.7	*	110.000	J			
P4017-15	DDC97	Solid	1,3-Hexanediol, 2-ethyl- (isomer 1	*	110.000	J			
P4017-15	DDC97	Solid	1,3-Hexanediol, 2-ethyl- (isomer 2	*	150.000	J			
P4017-15	DDC97	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	91.000	A			
P4017-15	DDC97	Solid	Benzophenone	*	530.000	J			
P4017-15	DDC97	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	220.000	J			
P4017-15	DDC97	Solid	Hexanoic acid, 2-ethyl-	*	1,000.000	J			
P4017-15	DDC97	Solid	Hexylene glycol	*	200.000	J			
P4017-15	DDC97	Solid	n-Hexadecanoic acid	*	290.000	J			
P4017-15	DDC97	Solid	Octadecanoic acid	*	93.000	J			
P4017-15	DDC97	Solid	unknown-01	*	260.000	J			
P4017-15	DDC97	Solid	unknown-02	*	170.000	J			
P4017-15	DDC97	Solid	unknown-03	*	210.000	J			
P4017-15	DDC97	Solid	unknown-04	*	84.000	J			
P4017-15	DDC97	Solid	unknown-05	*	200.000	J			
P4017-15	DDC97	Solid	Total Alkanes	*	110.000		57	210	ug/Kg
			Total Tics :		**3,828.00**				
P4017-15	DDC97	Solid	2,3,4,6-Tetrachlorophenol		460.000		64	210	ug/Kg
P4017-15	DDC97	Solid	Pentachlorophenol		4,500.000		47	410	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**4,960.00**				
			Total Concentration:		**8,788.00**				
Client ID :	**DDC98**								
P4017-16	DDC98	Solid	1-Heneicosanol	*	150.000	J			
P4017-16	DDC98	Solid	Benzophenone	*	380.000	J			
P4017-16	DDC98	Solid	n-Hexadecanoic acid	*	160.000	J			
P4017-16	DDC98	Solid	Total Alkanes	*	0.000		52	190	ug/Kg
			Total Tics :		**690.00**				
P4017-16	DDC98	Solid	Pentachlorophenol		59.000	J	43	370	ug/Kg
			Total Svoc :		**59.00**				
			Total Concentration:		**749.00**				
Client ID :	**DDCD4**								
P4017-18	DDCD4	Solid	(DEL) Alkane: Straight-Chain20.7	*	130.000	J			
P4017-18	DDCD4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	440.000	A			
P4017-18	DDCD4	Solid	3-Penten-2-one, 4-methyl-	*	260.000	A			
P4017-18	DDCD4	Solid	Benzophenone	*	610.000	J			
P4017-18	DDCD4	Solid	Methanone, (1-hydroxycyclohexy	*	110.000	J			
P4017-18	DDCD4	Solid	n-Hexadecanoic acid	*	120.000	J			
P4017-18	DDCD4	Solid	unknown-01	*	130.000	J			
P4017-18	DDCD4	Solid	Total Alkanes	*	130.000		65	240	ug/Kg
			Total Tics :		**1,930.00**				
			Total Concentration:		**1,930.00**				
Client ID :	**DDCD7**								
P4017-21	DDCD7	Solid	(DEL) Alkane: Cyclic6.052	*	320.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain11.5	*	120.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain13.5	*	470.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain13.9	*	870.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain14.5	*	440.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain14.9	*	880.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,700.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain16.5	*	1,200.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain16.6	*	580.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain17.3	*	1,200.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain18.0	*	1,100.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain19.2	*	600.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain19.8	*	520.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain20.3	*	480.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain20.7	*	1,200.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain21.2	*	490.000	J			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain21.7	*	1,100.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain5.45	*	880.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain5.98	*	320.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain6.31	*	250.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain6.46	*	610.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain7.29	*	240.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain7.31	*	250.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain7.58	*	290.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain7.65	*	630.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain7.98	*	460.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain8.05	*	760.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain8.15	*	670.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain8.62	*	2,300.000	J			
P4017-21	DDCD7	Solid	(DEL) Alkane: Straight-Chain9.45	*	93.000	J			
P4017-21	DDCD7	Solid	1-Hexanol, 2-ethyl-	*	1,100.000	J			
P4017-21	DDCD7	Solid	11-Octadecenoic acid, methyl este	*	3,400.000	J			
P4017-21	DDCD7	Solid	2-Heptanone, 4,6-dimethyl-	*	460.000	J			
P4017-21	DDCD7	Solid	9-Octadecenoic acid, (E)-	*	450.000	J			
P4017-21	DDCD7	Solid	9H-Fluorene, 9-methyl-	*	630.000	J			
P4017-21	DDCD7	Solid	Benzene, (1-methylethyl)-	*	380.000	J			
P4017-21	DDCD7	Solid	Benzene, 1,2,3-trimethyl-	*	4,100.000	J			
P4017-21	DDCD7	Solid	Benzene, 1,3-diethyl-	*	530.000	J			
P4017-21	DDCD7	Solid	Benzene, 1-ethyl-2-methyl-	*	1,600.000	J			
P4017-21	DDCD7	Solid	Benzene, 1-methyl-2-propyl-	*	490.000	J			
P4017-21	DDCD7	Solid	Benzene, 1-methyl-4-propyl-	*	950.000	J			
P4017-21	DDCD7	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	910.000	J			
P4017-21	DDCD7	Solid	Benzene, propyl-	*	780.000	J			
P4017-21	DDCD7	Solid	Benzophenone	*	640.000	J			
P4017-21	DDCD7	Solid	Bicyclo[4.1.0]heptan-2-one, 3,7,7-	*	540.000	J			
P4017-21	DDCD7	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	620.000	J			
P4017-21	DDCD7	Solid	Hexadecanoic acid, methyl ester	*	3,200.000	J			
P4017-21	DDCD7	Solid	Indane	*	630.000	J			
P4017-21	DDCD7	Solid	Mesitylene	*	730.000	J			
P4017-21	DDCD7	Solid	Methyl stearate	*	1,200.000	J			
P4017-21	DDCD7	Solid	n-Hexadecanoic acid	*	850.000	J			
P4017-21	DDCD7	Solid	Naphthalene, 1,4-dimethyl-	*	760.000	J			
P4017-21	DDCD7	Solid	Naphthalene, 1,6,7-trimethyl-	*	490.000	J			
P4017-21	DDCD7	Solid	Naphthalene, 1,6-dimethyl-	*	1,600.000	J			
P4017-21	DDCD7	Solid	Naphthalene, 2,3,6-trimethyl-	*	770.000	J			
P4017-21	DDCD7	Solid	Naphthalene, 2,3-dimethyl-	*	1,000.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4017-21	DDCD7	Solid	Naphthalene, 2,7-dimethyl-	*	510.000	J			
P4017-21	DDCD7	Solid	o-Cymene	*	630.000	J			
P4017-21	DDCD7	Solid	unknown-01	*	790.000	J			
P4017-21	DDCD7	Solid	unknown-02	*	680.000	J			
P4017-21	DDCD7	Solid	Total Alkanes	*	21,000.000		58	220	ug/Kg
			Total Tics :		**73,443.00**				
P4017-21	DDCD7	Solid	1-Methylnaphthalene		680.000		24	220	ug/Kg
P4017-21	DDCD7	Solid	2,3,4,6-Tetrachlorophenol		7,200.000	E	66	220	ug/Kg
P4017-21	DDCD7	Solid	2,4,5-Trichlorophenol		130.000	J	62	220	ug/Kg
P4017-21	DDCD7	Solid	2-Methylnaphthalene		1,200.000		47	220	ug/Kg
P4017-21	DDCD7	Solid	Fluorene		87.000	J	74	220	ug/Kg
P4017-21	DDCD7	Solid	Naphthalene		450.000		42	220	ug/Kg
P4017-21	DDCD7	Solid	Pentachlorophenol		40,000.000	E	48	420	ug/Kg
P4017-21	DDCD7	Solid	Phenanthrene		280.000		67	220	ug/Kg
			Total Svoc :		**50,027.00**				
			Total Concentration:		**123,470.00**				
Client ID :	**DDCA9DL2**								
P4019-06DL2	DDCA9DL2	Solid	(DEL) Alkane: Straight-Chain12.8	*	950.000	JD			
P4019-06DL2	DDCA9DL2	Solid	(DEL) Alkane: Straight-Chain14.9	*	1,200.000	JD			
P4019-06DL2	DDCA9DL2	Solid	(DEL) Alkane: Straight-Chain15.7	*	1,000.000	JD			
P4019-06DL2	DDCA9DL2	Solid	(DEL) Alkane: Straight-Chain7.02	*	2,300.000	JD			
P4019-06DL2	DDCA9DL2	Solid	(DEL) Alkane: Straight-Chain8.61	*	2,500.000	JD			
P4019-06DL2	DDCA9DL2	Solid	Sulfurous acid, 2-ethylhexyl nony	*	3,100.000	JD			
P4019-06DL2	DDCA9DL2	Solid	Total Alkanes	*	8,000.000	D	570	2100	ug/Kg
			Total Tics :		**19,050.00**				
P4019-06DL2	DDCA9DL2	Solid	2,3,4,6-Tetrachlorophenol		4,500.000	D	640	2100	ug/Kg
P4019-06DL2	DDCA9DL2	Solid	Pentachlorophenol		45,000.000	D	470	4100	ug/Kg
			Total Svoc :		**49,500.00**				
			Total Concentration:		**68,550.00**				
Client ID :	**DDCE6DL**								
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Cyclic6.052	*	2,300.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain11.5	*	2,000.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain12.8	*	2,600.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain14.9	*	2,400.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	2,300.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain16.5	*	2,000.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain5.45	*	6,300.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain5.90	*	1,900.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain5.98	*	2,100.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain6.31	*	1,700.000	JD			

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Hit Summary Sheet
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SDG No.: BN100224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain6.37	*	1,700.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain6.40	*	2,800.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain6.46	*	3,900.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain6.56	*	5,900.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain7.02	*	23,000.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain7.98	*	2,600.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain8.15	*	4,000.000	JD			
P4019-11DL	DDCE6DL	Solid	(DEL) Alkane: Straight-Chain8.61	*	16,000.000	JD			
P4019-11DL	DDCE6DL	Solid	1-Hexanol, 2-ethyl-	*	8,400.000	JD			
P4019-11DL	DDCE6DL	Solid	2-Heptanone, 4,6-dimethyl-	*	3,200.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 1,2-diethyl-	*	2,000.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 1-ethyl-2-methyl-	*	1,800.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 1-ethyl-4-methyl-	*	2,200.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 1-methyl-3-(1-methyleth	*	2,200.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 1-methyl-4-propyl-	*	5,100.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	2,000.000	JD			
P4019-11DL	DDCE6DL	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	3,300.000	JD			
P4019-11DL	DDCE6DL	Solid	Cyclohexane, 1,1-(1-methyl-1,2-e	*	3,600.000	JD			
P4019-11DL	DDCE6DL	Solid	Cyclohexanol, 1-methyl-	*	1,700.000	JD			
P4019-11DL	DDCE6DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	2,200.000	JD			
P4019-11DL	DDCE6DL	Solid	Decane, 2-methyl-	*	4,300.000	JD			
P4019-11DL	DDCE6DL	Solid	Heptyl isobutyl ketone	*	1,600.000	JD			
P4019-11DL	DDCE6DL	Solid	Hexadecanoic acid, methyl ester	*	2,400.000	JD			
P4019-11DL	DDCE6DL	Solid	Mesitylene	*	1,800.000	JD			
P4019-11DL	DDCE6DL	Solid	Naphthalene, 1,7-dimethyl-	*	2,100.000	JD			
P4019-11DL	DDCE6DL	Solid	o-Cymene	*	3,800.000	JD			
P4019-11DL	DDCE6DL	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	4,100.000	JD			
P4019-11DL	DDCE6DL	Solid	unknown-01	*	3,900.000	JD			
P4019-11DL	DDCE6DL	Solid	unknown-02	*	3,100.000	JD			
P4019-11DL	DDCE6DL	Solid	Total Alkanes	*	86,000.000	D	1100	4000	ug/Kg
			Total Tics :		**236,300.00**				
P4019-11DL	DDCE6DL	Solid	2,3,4,6-Tetrachlorophenol		9,100.000	D	1200	4000	ug/Kg
P4019-11DL	DDCE6DL	Solid	2-Methylnaphthalene		1,200.000	JD	860	4000	ug/Kg
P4019-11DL	DDCE6DL	Solid	Pentachlorophenol		100,000.000	D	890	7700	ug/Kg
			Total Svoc :		**110,300.00**				
			Total Concentration:		**346,600.00**				

CHEMTECH

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
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.

CHEMTECH

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
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.

CHEMTECH

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 13:01

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	SBLK456	219135	7.39	875759	10.14	542214	14.04
02	DCVW4	250107	7.39	1.0103e+	10.14	631314	14.04
03	DCVW5	229133	7.39	895037	10.14	517079	14.04
04	DDC20	245834	7.39	1.00728e	10.14	631847	14.04
05	DDC21	254432	7.39	1.02032e	10.14	638925	14.04
06	DDC22	247071	7.39	989699	10.14	639176	14.04
07	DDC23	202172	7.39	740827	10.15	567464	14.05
08	DDC23MS	215970	7.39	762812	10.15	559270	14.05
09	DDC23MSD	206960	7.39	749794	10.15	572761	14.05
10	DDC24	228121	7.39	857972	10.15	621222	14.05
11	DDC25	261664	7.39	1.04594e	10.14	624197	14.04
12	SLCS456	216095	7.39	853931	10.14	537674	14.04
13	SBLK456	261184	7.39	1.03966e	10.14	623368	14.04
14	DDCA9DL2	233859	7.38	940305	10.14	582159	14.04
15	DDCE6DL	216199	7.39	862693	10.14	514379	14.04
16	DDC40	248807	7.39	1.01065e	10.14	633674	14.04
17	DDC43	249958	7.39	950622	10.14	600193	14.04
18	DDC44	255515	7.38	1.01059e	10.14	616008	14.04
19	DDC85	258141	7.38	1.03187e	10.14	631339	14.04
20	DDC94	230246	7.38	899085	10.14	541619	14.04
21	DDC95	210697	7.39	801499	10.15	571574	14.04
22	DDC97	234526	7.38	938182	10.14	580473	14.03
23	DDC98	244714	7.38	961262	10.14	587752	14.03

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 06:02

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.						
24	DDCD4	251021	7.38	954644	10.14	562803	14.03
25	SBLK489	298713	7.38	1.17123e	10.14	691992	14.03
26	DDCD7	220448	7.39	841672	10.14	531551	14.04

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020327 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034333.D Time Analyzed: 13:01

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	218231	7.387	845418	10.14	522217	14.04
	UPPER LIMIT	436462	7.887	1690836	10.64	1044434	14.54
	LOWER LIMIT	109115.5	6.887	422709	9.64	261108.5	13.54
	EPA SAMPLE NO.						
01	SBLK456	219135	7.39	875759	10.14	542214	14.04
02	DCVW4	250107	7.39	1.0103e+	10.14	631314	14.04
03	DCVW5	229133	7.39	895037	10.14	517079	14.04
04	DDC20	245834	7.39	1.00728e	10.14	631847	14.04
05	DDC21	254432	7.39	1.02032e	10.14	638925	14.04
06	DDC22	247071	7.39	989699	10.14	639176	14.04
07	DDC23	202172	7.39	740827	10.15	567464	14.05
08	DDC23MS	215970	7.39	762812	10.15	559270	14.05
09	DDC23MSD	206960	7.39	749794	10.15	572761	14.05
10	DDC24	228121	7.39	857972	10.15	621222	14.05
11	DDC25	261664	7.39	1.04594e	10.14	624197	14.04
12	SLCS456	216095	7.39	853931	10.14	537674	14.04

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020328 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034346.D Time Analyzed: 22:50

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	245746	7.381	994456	10.14	601215	14.04
	UPPER LIMIT	491492	7.881	1988912	10.64	1202430	14.54
	LOWER LIMIT	122873	6.881	497228	9.64	300607.5	13.54
	EPA SAMPLE NO.						
01	SBLK456	261184	7.39	1.03966e	10.14	623368	14.04
02	DDCA9DL2	233859	7.38	940305	10.14	582159	14.04
03	DDCE6DL	216199	7.39	862693	10.14	514379	14.04
04	DDC40	248807	7.39	1.01065e	10.14	633674	14.04
05	DDC43	249958	7.39	950622	10.14	600193	14.04
06	DDC44	255515	7.38	1.01059e	10.14	616008	14.04
07	DDC85	258141	7.38	1.03187e	10.14	631339	14.04
08	DDC94	230246	7.38	899085	10.14	541619	14.04
09	DDC95	210697	7.39	801499	10.15	571574	14.04
10	DDC97	234526	7.38	938182	10.14	580473	14.03
11	DDC98	244714	7.38	961262	10.14	587752	14.03
12	DDCD4	251021	7.38	954644	10.14	562803	14.03

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020329 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN034359.D Time Analyzed: 08:00

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	261694	7.381	1.05847e+0(	10.14	651084	14.04
	UPPER LIMIT	523388	7.881	2116940	10.64	1302168	14.54
	LOWER LIMIT	130847	6.881	529235	9.64	325542	13.54
	EPA SAMPLE NO.						
01	SBLK489	298713	7.38	1.17123e	10.14	691992	14.03
02	DDCD7	220448	7.39	841672	10.14	531551	14.04

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.

Alliance TECHNICAL GROUP
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 13:01

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	SBLK456	1.12561	16.80	1.08728e+	21.03	1.34651e+	23.74
02	DCVW4	1.23236	16.80	1.01165e+	21.03	1.20624e+	23.75
03	DCVW5	999968	16.80	922372	21.03	1.14226e+	23.74
04	DDC20	1.35802	16.80	1.30802e+	21.03	1.61426e+	23.75
05	DDC21	1.31824	16.80	1.33436e+	21.03	1.62017e+	23.74
06	DDC22	1.3408e	16.80	1.32669e+	21.03	1.60856e+	23.74
07	DDC23	1.11316	16.83	1.13595e+	21.03	1.39598e+	23.75
08	DDC23MS	1.06488	16.83	1.0678e+0	21.04	1.36006e+	23.75
09	DDC23MSD	1.1354e	16.83	1.15079e+	21.04	1.3995e+0	23.75
10	DDC24	1.25701	16.81	1.24015e+	21.03	1.50438e+	23.75
11	DDC25	1.21668	16.80	1.15628e+	21.03	1.41443e+	23.74
12	SLCS456	1.0716e	16.80	1.04572e+	21.03	1.28771e+	23.75
13	SBLK456	1.20772	16.80	1.16775e+	21.03	1.41522e+	23.74
14	DDCA9DL2	1.154e+	16.80	1.11336e+	21.03	1.34046e+	23.74
15	DDCE6DL	992929	16.80	929722	21.03	1.16104e+	23.74
16	DDC40	1.33428	16.80	1.36212e+	21.03	1.65585e+	23.74
17	DDC43	1.21576	16.80	1.19121e+	21.03	1.50576e+	23.74
18	DDC44	1.24188	16.80	1.21933e+	21.03	1.55042e+	23.74
19	DDC85	1.30743	16.80	1.31552e+	21.03	1.64937e+	23.74
20	DDC94	1.08893	16.80	1.05631e+	21.03	1.31075e+	23.74
21	DDC95	1.13378	16.82	1.1137e+0	21.03	1.31725e+	23.75

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 04:44

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.						
22	DDC97	1.18465	16.80	1.18561e+	21.03	1.49472e+	23.74
23	DDC98	1.20285	16.79	1.21366e+	21.03	1.54159e+	23.74
24	DDCD4	1.03267	16.79	966447	21.03	1.29305e+	23.74
25	SBLK489	1.32745	16.79	1.30227e+	21.03	1.61773e+	23.74
26	DDCD7	1.10014	16.80	1.09106e+	21.03	1.37276e+	23.74

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020327 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034333.D Time Analyzed: 13:01

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	1.05561e+0(	16.798	1.06546e+	21.033	1.32416e+0(	23.745
	UPPER LIMIT	2111220	17.298	2130920	21.533	2648320	24.245
	LOWER LIMIT	527805	16.298	532730	20.533	662080	23.245
	EPA SAMPLE NO.						
01	SBLK456	1.12561	16.80	1.08728e+	21.03	1.34651e+	23.74
02	DCVW4	1.23236	16.80	1.01165e+	21.03	1.20624e+	23.75
03	DCVW5	999968	16.80	922372	21.03	1.14226e+	23.74
04	DDC20	1.35802	16.80	1.30802e+	21.03	1.61426e+	23.75
05	DDC21	1.31824	16.80	1.33436e+	21.03	1.62017e+	23.74
06	DDC22	1.3408e	16.80	1.32669e+	21.03	1.60856e+	23.74
07	DDC23	1.11316	16.83	1.13595e+	21.03	1.39598e+	23.75
08	DDC23MS	1.06488	16.83	1.0678e+0	21.04	1.36006e+	23.75
09	DDC23MSD	1.1354e	16.83	1.15079e+	21.04	1.3995e+0	23.75
10	DDC24	1.25701	16.81	1.24015e+	21.03	1.50438e+	23.75
11	DDC25	1.21668	16.80	1.15628e+	21.03	1.41443e+	23.74
12	SLCS456	1.0716e	16.80	1.04572e+	21.03	1.28771e+	23.75

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020328 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034346.D Time Analyzed: 22:50

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	1.11804e+0(	16.798	1.01807e+	21.033	1.22202e+0(	23.745
	UPPER LIMIT	2236080	17.298	2036140	21.533	2444040	24.245
	LOWER LIMIT	559020	16.298	509035	20.533	611010	23.245
	EPA SAMPLE NO.						
01	SBLK456	1.20772	16.80	1.16775e+	21.03	1.41522e+	23.74
02	DDCA9DL2	1.154e+	16.80	1.11336e+	21.03	1.34046e+	23.74
03	DDCE6DL	992929	16.80	929722	21.03	1.16104e+	23.74
04	DDC40	1.33428	16.80	1.36212e+	21.03	1.65585e+	23.74
05	DDC43	1.21576	16.80	1.19121e+	21.03	1.50576e+	23.74
06	DDC44	1.24188	16.80	1.21933e+	21.03	1.55042e+	23.74
07	DDC85	1.30743	16.80	1.31552e+	21.03	1.64937e+	23.74
08	DDC94	1.08893	16.80	1.05631e+	21.03	1.31075e+	23.74
09	DDC95	1.13378	16.82	1.1137e+0	21.03	1.31725e+	23.75
10	DDC97	1.18465	16.80	1.18561e+	21.03	1.49472e+	23.74
11	DDC98	1.20285	16.79	1.21366e+	21.03	1.54159e+	23.74
12	DDCD4	1.03267	16.79	966447	21.03	1.29305e+	23.74

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020329 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN034359.D Time Analyzed: 08:00

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	1.35961e+0(	16.792	1.35414e+	21.028	1.67066e+0(	23.739
	UPPER LIMIT	2719220	17.292	2708280	21.528	3341320	24.239
	LOWER LIMIT	679805	16.292	677070	20.528	835330	23.239
	EPA SAMPLE NO.						
01	SBLK489	1.32745	16.79	1.30227e+	21.03	1.61773e+	23.74
02	DDCD7	1.10014	16.80	1.09106e+	21.03	1.37276e+	23.74

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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163456BS	1,4-Dioxane	530	290	ug/Kg	55				0	0	
	Benzaldehyde	1300	740	ug/Kg	57				0	0	
	Pyridine	1300	650	ug/Kg	50				0	0	
	Phenol	1300	680	ug/Kg	52				0	0	
	Bis(2-chloroethyl)ether	1300	700	ug/Kg	54				0	0	
	2-Chlorophenol	1300	770	ug/Kg	59				0	0	
	2-Methylphenol	1300	680	ug/Kg	52				0	0	
	2,2-oxybis(1-Chloropropane)	1300	610	ug/Kg	47				0	0	
	Acetophenone	1300	660	ug/Kg	51				0	0	
	4-Methylphenol	1300	670	ug/Kg	52				0	0	
	N-Nitroso-di-n-propylamine	1300	620	ug/Kg	48				0	0	
	Hexachloroethane	1300	740	ug/Kg	57				0	0	
	Nitrobenzene	1300	690	ug/Kg	53				0	0	
	Isophorone	1300	690	ug/Kg	53				0	0	
	2-Nitrophenol	1300	830	ug/Kg	64				0	0	
	2,4-Dimethylphenol	1300	610	ug/Kg	47				0	0	
	Bis(2-chloroethoxy)methane	1300	720	ug/Kg	55				0	0	
	2,4-Dichlorophenol	1300	820	ug/Kg	63				0	0	
	Naphthalene	1300	780	ug/Kg	60				0	0	
	4-Chloroaniline	1300	650	ug/Kg	50				0	0	
	Hexachlorobutadiene	1300	840	ug/Kg	65				0	0	
	Caprolactam	1300	640	ug/Kg	49				0	0	
	4-Chloro-3-methylphenol	1300	670	ug/Kg	52				0	0	
	1-Methylnaphthalene	1300	740	ug/Kg	57				0	0	
	2-Methylnaphthalene	1300	750	ug/Kg	58				0	0	
	Hexachlorocyclopentadiene	1300	660	ug/Kg	51				0	0	
	2,4,6-Trichlorophenol	1300	810	ug/Kg	62				0	0	
	2,4,5-Trichlorophenol	1300	820	ug/Kg	63				0	0	
	1,1'-Biphenyl	1300	760	ug/Kg	58				0	0	
	2-Chloronaphthalene	1300	790	ug/Kg	61				0	0	
	2-Nitroaniline	1300	600	ug/Kg	46				0	0	
	Dimethylphthalate	1300	720	ug/Kg	55				0	0	
	2,6-Dinitrotoluene	1300	750	ug/Kg	58				0	0	
	Acenaphthylene	1300	770	ug/Kg	59				0	0	
	3-Nitroaniline	1300	690	ug/Kg	53				0	0	
	Acenaphthene	1300	740	ug/Kg	57				0	0	
	2,4-Dinitrophenol	1300	610	ug/Kg	47				0	0	
	4-Nitrophenol	1300	540	ug/Kg	42				0	0	
	Dibenzofuran	1300	740	ug/Kg	57				0	0	
	2,4-Dinitrotoluene	1300	730	ug/Kg	56				0	0	
	Diethylphthalate	1300	690	ug/Kg	53				0	0	
	Fluorene	1300	740	ug/Kg	57				0	0	
	4-Chlorophenyl-phenylether	1300	760	ug/Kg	58				0	0	
	4-Nitroaniline	1300	710	ug/Kg	55				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163456BS	4,6-Dinitro-2-methylphenol	1300	740	ug/Kg	57				0	0	
	N-Nitrosodiphenylamine	1300	780	ug/Kg	60				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	860	ug/Kg	66				0	0	
	4-Bromophenyl-phenylether	1300	860	ug/Kg	66				0	0	
	Hexachlorobenzene	1300	840	ug/Kg	65				0	0	
	Atrazine	1300	680	ug/Kg	52				0	0	
	Pentachlorophenol	1300	860	ug/Kg	66				0	0	
	Phenanthrene	1300	770	ug/Kg	59				0	0	
	Pentachlorobenzene	1300	810	ug/Kg	62				0	0	
	Anthracene	1300	760	ug/Kg	58				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	850	ug/Kg	65				0	0	
	Carbazole	1300	760	ug/Kg	58				0	0	
	Di-n-butylphthalate	1300	730	ug/Kg	56				0	0	
	Fluoranthene	1300	770	ug/Kg	59				0	0	
	Pyrene	1300	760	ug/Kg	58				0	0	
	Butylbenzylphthalate	1300	720	ug/Kg	55				0	0	
	3,3'-Dichlorobenzidine	1300	790	ug/Kg	61				0	0	
	Benzo(a)anthracene	1300	760	ug/Kg	58				0	0	
	Chrysene	1300	750	ug/Kg	58				0	0	
	Bis(2-ethylhexyl)phthalate	1300	770	ug/Kg	59				0	0	
	Di-n-octylphthalate	1300	740	ug/Kg	57				0	0	
	Benzo(b)fluoranthene	1300	760	ug/Kg	58				0	0	
	Benzo(k)fluoranthene	1300	790	ug/Kg	61				0	0	
	Benzo(a)pyrene	1300	770	ug/Kg	59				0	0	
	Indeno(1,2,3-cd)pyrene	1300	830	ug/Kg	64				0	0	
	Dibenzo(a,h)anthracene	1300	830	ug/Kg	64				0	0	
	Benzo(g,h,i)perylene	1300	840	ug/Kg	65				0	0	
	2,3,4,6-Tetrachlorophenol	1300	800	ug/Kg	62				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK456

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034334.D Lab Sample ID: PB163456BL

Instrument ID: BNA_N Date Extracted: 09/17/2024

Matrix: (soil/water) Solid Date Analyzed: 10/02/2024

Level: (low/med) LOW Time Analyzed: 13:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCVW4	P4016-13	BN034335.D	10/02/2024
DCVW5	P4016-14	BN034336.D	10/02/2024
DDC20	P4016-15	BN034337.D	10/02/2024
DDC21	P4016-16	BN034338.D	10/02/2024
DDC22	P4016-17	BN034339.D	10/02/2024
DDC23	P4016-18	BN034340.D	10/02/2024
DDC23MS	P4016-19MS	BN034341.D	10/02/2024
DDC23MSD	P4016-20MSD	BN034342.D	10/02/2024
DDC24	P4016-21	BN034343.D	10/02/2024
DDC25	P4016-22	BN034344.D	10/02/2024
PB163456BS	PB163456BS	BN034345.D	10/02/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK489

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034360.D Lab Sample ID: PB163489BL

Instrument ID: BNA_N Date Extracted: 09/18/2024

Matrix: (soil/water) Solid Date Analyzed: 10/03/2024

Level: (low/med) LOW Time Analyzed: 08:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDCD7	P4017-21	BN034361.D	10/03/2024
DDC40	P4017-01	BN034350.D	10/03/2024
DDC43	P4017-04	BN034351.D	10/03/2024
DDC44	P4017-05	BN034352.D	10/03/2024
DDC85	P4017-10	BN034353.D	10/03/2024
DDC94	P4017-12	BN034354.D	10/03/2024
DDC95	P4017-13	BN034355.D	10/03/2024
DDC97	P4017-15	BN034356.D	10/03/2024
DDC98	P4017-16	BN034357.D	10/03/2024
DDCD4	P4017-18	BN034358.D	10/03/2024

COMMENTS:

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Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4016-19MS		**Client Sample ID: DDC23MS**						**DataFile:**	**BN034341.D**		
1,4-Dioxane	650		540	ug/Kg	83				15	120	
Benzaldehyde	1600		2500	ug/Kg	156				0	0	
Pyridine	1600		1200	ug/Kg	75				0	0	
Phenol	1600		1100	ug/Kg	69				26	90	
Bis(2-chloroethyl)ether	1600		1100	ug/Kg	69				0	0	
2-Chlorophenol	1600		1300	ug/Kg	81				25	102	
2-Methylphenol	1600		1100	ug/Kg	69				0	0	
2,2-oxybis(1-Chloropropane)	1600		870	ug/Kg	54				0	0	
Acetophenone	1600		7500	ug/Kg	469				0	0	
4-Methylphenol	1600		960	ug/Kg	60				0	0	
N-Nitroso-di-n-propylamine	1600		1200	ug/Kg	75				41	126	
Hexachloroethane	1600		1300	ug/Kg	81				0	0	
Nitrobenzene	1600		1400	ug/Kg	88				0	0	
Isophorone	1600		1900	ug/Kg	119				0	0	
2-Nitrophenol	1600		1600	ug/Kg	100				0	0	
2,4-Dimethylphenol	1600		1300	ug/Kg	81				0	0	
Bis(2-chloroethoxy)methane	1600		1400	ug/Kg	88				0	0	
2,4-Dichlorophenol	1600		1700	ug/Kg	106				0	0	
Naphthalene	1600	2200	3200	ug/Kg	63				0	0	
4-Chloroaniline	1600		360	ug/Kg	23				0	0	
Hexachlorobutadiene	1600		1600	ug/Kg	100				0	0	
Caprolactam	1600		820	ug/Kg	51				0	0	
4-Chloro-3-methylphenol	1600		1200	ug/Kg	75				26	103	
1-Methylnaphthalene	1600	3200	4200	ug/Kg	63				0	0	
2-Methylnaphthalene	1600	5400	6000	ug/Kg	38				0	0	
Hexachlorocyclopentadiene	1600		1200	ug/Kg	75				0	0	
2,4,6-Trichlorophenol	1600	190	1400	ug/Kg	76				0	0	
2,4,5-Trichlorophenol	1600	480	1700	ug/Kg	76				0	0	
1,1'-Biphenyl	1600	450	1500	ug/Kg	66				0	0	
2-Chloronaphthalene	1600		940	ug/Kg	59				0	0	
2-Nitroaniline	1600		1100	ug/Kg	69				0	0	
Dimethylphthalate	1600		1000	ug/Kg	63				0	0	
2,6-Dinitrotoluene	1600		1400	ug/Kg	88				0	0	
Acenaphthylene	1600		1200	ug/Kg	75				0	0	
3-Nitroaniline	1600		640	ug/Kg	40				0	0	
Acenaphthene	1600	150	1200	ug/Kg	66				31	137	
2,4-Dinitrophenol	1600		1200	ug/Kg	75				0	0	
4-Nitrophenol	1600		1500	ug/Kg	94				11	114	
Dibenzofuran	1600		1100	ug/Kg	69				0	0	
2,4-Dinitrotoluene	1600		1100	ug/Kg	69				28	89	
Diethylphthalate	1600		1000	ug/Kg	63				0	0	
Fluorene	1600	320	1300	ug/Kg	61				0	0	
4-Chlorophenyl-phenylether	1600		1100	ug/Kg	69				0	0	
4-Nitroaniline	1600		730	ug/Kg	46				0	0	
4,6-Dinitro-2-methylphenol	1600		4800	ug/Kg	300				0	0	
N-Nitrosodiphenylamine	1600		1600	ug/Kg	100				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	1600		1300	ug/Kg	81				0	0	
4-Bromophenyl-phenylether	1600		1300	ug/Kg	81				0	0	
Hexachlorobenzene	1600		1400	ug/Kg	88				0	0	
Atrazine	1600		940	ug/Kg	59				0	0	
Pentachlorophenol	1600	100000	100000	ug/Kg	0	*			17	109	
Phenanthrene	1600	840	1900	ug/Kg	66				0	0	
Pentachlorobenzene	1600		1300	ug/Kg	81				0	0	
Anthracene	1600		1200	ug/Kg	75				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1400	ug/Kg	88				0	0	
Carbazole	1600		1100	ug/Kg	69				0	0	
Di-n-butylphthalate	1600		1100	ug/Kg	69				0	0	
Fluoranthene	1600		1200	ug/Kg	75				0	0	
Pyrene	1600	0	1200	ug/Kg	75				35	142	
Butylbenzylphthalate	1600		1100	ug/Kg	69				0	0	
3,3'-Dichlorobenzidine	1600		510	ug/Kg	32				0	0	
Benzo(a)anthracene	1600		1100	ug/Kg	69				0	0	
Chrysene	1600		1100	ug/Kg	69				0	0	
Bis(2-ethylhexyl)phthalate	1600	110	1200	ug/Kg	68				0	0	
Di-n-octylphthalate	1600		1100	ug/Kg	69				0	0	
Benzo(b)fluoranthene	1600		1100	ug/Kg	69				0	0	
Benzo(k)fluoranthene	1600		1100	ug/Kg	69				0	0	
Benzo(a)pyrene	1600		1100	ug/Kg	69				0	0	
Indeno(1,2,3-cd)pyrene	1600		1200	ug/Kg	75				0	0	
Dibenzo(a,h)anthracene	1600		1200	ug/Kg	75				0	0	
Benzo(g,h,i)perylene	1600		1200	ug/Kg	75				0	0	
2,3,4,6-Tetrachlorophenol	1600	16000	16000	ug/Kg	0				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4016-20MSD		**Client Sample ID: DDC23MSD**						**DataFile:**	**BN034342.D**		
1,4-Dioxane	650		520	ug/Kg	80		4		15	120	50
Benzaldehyde	1600		2500	ug/Kg	156		0		0	0	0
Pyridine	1600		1100	ug/Kg	69		8	*	0	0	0
Phenol	1600		1100	ug/Kg	69		0		26	90	35
Bis(2-chloroethyl)ether	1600		1000	ug/Kg	63		9	*	0	0	0
2-Chlorophenol	1600		1300	ug/Kg	81		0		25	102	50
2-Methylphenol	1600		1100	ug/Kg	69		0		0	0	0
2,2-oxybis(1-Chloropropane)	1600		870	ug/Kg	54		0		0	0	0
Acetophenone	1600		7400	ug/Kg	463		1	*	0	0	0
4-Methylphenol	1600		970	ug/Kg	61		2	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1200	ug/Kg	75		0		41	126	38
Hexachloroethane	1600		1300	ug/Kg	81		0		0	0	0
Nitrobenzene	1600		1400	ug/Kg	88		0		0	0	0
Isophorone	1600		1900	ug/Kg	119		0		0	0	0
2-Nitrophenol	1600		1600	ug/Kg	100		0		0	0	0
2,4-Dimethylphenol	1600		1300	ug/Kg	81		0		0	0	0
Bis(2-chloroethoxy)methane	1600		1400	ug/Kg	88		0		0	0	0
2,4-Dichlorophenol	1600		1700	ug/Kg	106		0		0	0	0
Naphthalene	1600	2200	3200	ug/Kg	63		0		0	0	0
4-Chloroaniline	1600		420	ug/Kg	26		12	*	0	0	0
Hexachlorobutadiene	1600		1500	ug/Kg	94		6	*	0	0	0
Caprolactam	1600		810	ug/Kg	51		0		0	0	0
4-Chloro-3-methylphenol	1600		1200	ug/Kg	75		0		26	103	33
1-Methylnaphthalene	1600	3200	4200	ug/Kg	63		0		0	0	0
2-Methylnaphthalene	1600	5400	6100	ug/Kg	44		15	*	0	0	0
Hexachlorocyclopentadiene	1600		1100	ug/Kg	69		8	*	0	0	0
2,4,6-Trichlorophenol	1600	190	1400	ug/Kg	76		0		0	0	0
2,4,5-Trichlorophenol	1600	480	1600	ug/Kg	70		8	*	0	0	0
1,1'-Biphenyl	1600	450	1500	ug/Kg	66		0		0	0	0
2-Chloronaphthalene	1600		930	ug/Kg	58		2	*	0	0	0
2-Nitroaniline	1600		1000	ug/Kg	63		9	*	0	0	0
Dimethylphthalate	1600		1000	ug/Kg	63		0		0	0	0
2,6-Dinitrotoluene	1600		1500	ug/Kg	94		7	*	0	0	0
Acenaphthylene	1600		1100	ug/Kg	69		8	*	0	0	0
3-Nitroaniline	1600		630	ug/Kg	39		3	*	0	0	0
Acenaphthene	1600	150	1200	ug/Kg	66		0		31	137	19
2,4-Dinitrophenol	1600		1200	ug/Kg	75		0		0	0	0
4-Nitrophenol	1600		1500	ug/Kg	94		0		11	114	50
Dibenzofuran	1600		1100	ug/Kg	69		0		0	0	0
2,4-Dinitrotoluene	1600		1100	ug/Kg	69		0		28	89	47
Diethylphthalate	1600		990	ug/Kg	62		2	*	0	0	0
Fluorene	1600	320	1300	ug/Kg	61		0		0	0	0
4-Chlorophenyl-phenylether	1600		1100	ug/Kg	69		0		0	0	0
4-Nitroaniline	1600		760	ug/Kg	48		4	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		4700	ug/Kg	294		2	*	0	0	0
N-Nitrosodiphenylamine	1600		1600	ug/Kg	100		0		0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	1600		1300	ug/Kg	81		0		0	0	0
4-Bromophenyl-phenylether	1600		1200	ug/Kg	75		8	*	0	0	0
Hexachlorobenzene	1600		1400	ug/Kg	88		0		0	0	0
Atrazine	1600		920	ug/Kg	58		2	*	0	0	0
Pentachlorophenol	1600	100000	98000	ug/Kg	-125	*	200	*	17	109	47
Phenanthrene	1600	840	1900	ug/Kg	66		0		0	0	0
Pentachlorobenzene	1600		1300	ug/Kg	81		0		0	0	0
Anthracene	1600		1200	ug/Kg	75		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1300	ug/Kg	81		8	*	0	0	0
Carbazole	1600		1100	ug/Kg	69		0		0	0	0
Di-n-butylphthalate	1600		1100	ug/Kg	69		0		0	0	0
Fluoranthene	1600		1100	ug/Kg	69		8	*	0	0	0
Pyrene	1600	0	1200	ug/Kg	75		0		35	142	36
Butylbenzylphthalate	1600		1100	ug/Kg	69		0		0	0	0
3,3'-Dichlorobenzidine	1600		480	ug/Kg	30		6	*	0	0	0
Benzo(a)anthracene	1600		1100	ug/Kg	69		0		0	0	0
Chrysene	1600		1100	ug/Kg	69		0		0	0	0
Bis(2-ethylhexyl)phthalate	1600	110	1200	ug/Kg	68		0		0	0	0
Di-n-octylphthalate	1600		1100	ug/Kg	69		0		0	0	0
Benzo(b)fluoranthene	1600		1100	ug/Kg	69		0		0	0	0
Benzo(k)fluoranthene	1600		1100	ug/Kg	69		0		0	0	0
Benzo(a)pyrene	1600		1100	ug/Kg	69		0		0	0	0
Indeno(1,2,3-cd)pyrene	1600		1200	ug/Kg	75		0		0	0	0
Dibenzo(a,h)anthracene	1600		1200	ug/Kg	75		0		0	0	0
Benzo(g,h,i)perylene	1600		1300	ug/Kg	81		8	*	0	0	0
2,3,4,6-Tetrachlorophenol	1600	16000	16000	ug/Kg	0				0	0	0

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4016-13	DCVW4	BN034335.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	13.58	34		20	120
			Phenol-d5	40	15.75	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.03	38		10	150
			2-Chlorophenol-d4	40	17.18	43		15	120
			4-Methylphenol-d8	40	16.11	40		10	140
			Nitrobenzene-d5	40	17.30	43		10	135
			2-Nitrophenol-d4	40	17.70	44		10	120
			2,4-Dichlorophenol-d3	40	17.76	44		10	140
			4-Chloroaniline-d4	40	16.97	42		1	145
			Dimethylphthalate-d6	40	19.07	48		10	145
			Acenaphthylene-d8	40	18.66	47		15	120
			4-Nitrophenol-d4	40	9.09	23		10	150
			Fluorene-d10	40	18.85	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.13	28		10	130
			Anthracene-d10	40	19.67	49		10	150
			Pyrene-d10	40	21.96	55		10	130
			Benzo(a)pyrene-d12	40	19.59	49		10	140
P4016-14	DCVW5	BN034336.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Pyridine-d5	40	12.97	32		20	120
			Phenol-d5	40	14.58	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.73	37		10	150
			2-Chlorophenol-d4	40	16.56	41		15	120
			4-Methylphenol-d8	40	14.36	36		10	140
			Nitrobenzene-d5	40	16.99	42		10	135
			2-Nitrophenol-d4	40	16.68	42		10	120
			2,4-Dichlorophenol-d3	40	16.29	41		10	140
			4-Chloroaniline-d4	40	15.58	39		1	145
			Dimethylphthalate-d6	40	17.98	45		10	145
			Acenaphthylene-d8	40	18.03	45		15	120
			4-Nitrophenol-d4	40	7.79	19		10	150
			Fluorene-d10	40	17.88	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.55	21		10	130
			Anthracene-d10	40	18.49	46		10	150
			Pyrene-d10	40	19.21	48		10	130
			Benzo(a)pyrene-d12	40	18.79	47		10	140
P4016-15	DDC20	BN034337.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	11.71	29		20	120
			Phenol-d5	40	12.90	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.82	32		10	150
			2-Chlorophenol-d4	40	14.63	37		15	120
			4-Methylphenol-d8	40	12.42	31		10	140
			Nitrobenzene-d5	40	13.54	34		10	135
			2-Nitrophenol-d4	40	14.58	36		10	120
			2,4-Dichlorophenol-d3	40	14.31	36		10	140
			4-Chloroaniline-d4	40	12.37	31		1	145
			Dimethylphthalate-d6	40	14.80	37		10	145
			Acenaphthylene-d8	40	15.04	38		15	120
			4-Nitrophenol-d4	40	7.32	18		10	150

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4016-15	DDC20	BN034337.D	Fluorene-d10	40	15.26	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.80	20		10	130
			Anthracene-d10	40	15.06	38		10	150
			Pyrene-d10	40	15.19	38		10	130
			Benzo(a)pyrene-d12	40	15.37	38		10	140
P4016-16	DDC21	BN034338.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	8.04	20		20	120
			Phenol-d5	40	13.78	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.31	36		10	150
			2-Chlorophenol-d4	40	15.85	40		15	120
			4-Methylphenol-d8	40	13.64	34		10	140
			Nitrobenzene-d5	40	15.96	40		10	135
			2-Nitrophenol-d4	40	17.00	43		10	120
			2,4-Dichlorophenol-d3	40	16.47	41		10	140
			4-Chloroaniline-d4	40	13.39	33		1	145
			Dimethylphthalate-d6	40	15.52	39		10	145
			Acenaphthylene-d8	40	16.48	41		15	120
			4-Nitrophenol-d4	40	9.52	24		10	150
			Fluorene-d10	40	16.31	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.27	28		10	130
			Anthracene-d10	40	16.91	42		10	150
			Pyrene-d10	40	15.97	40		10	130
			Benzo(a)pyrene-d12	40	16.85	42		10	140
P4016-17	DDC22	BN034339.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	5.26	13	*	20	120
			Phenol-d5	40	16.36	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.03	45		10	150
			2-Chlorophenol-d4	40	18.71	47		15	120
			4-Methylphenol-d8	40	16.60	42		10	140
			Nitrobenzene-d5	40	19.11	48		10	135
			2-Nitrophenol-d4	40	20.66	52		10	120
			2,4-Dichlorophenol-d3	40	19.58	49		10	140
			4-Chloroaniline-d4	40	12.36	31		1	145
			Dimethylphthalate-d6	40	18.70	47		10	145
			Acenaphthylene-d8	40	19.42	49		15	120
			4-Nitrophenol-d4	40	14.39	36		10	150
			Fluorene-d10	40	19.51	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.89	37		10	130
			Anthracene-d10	40	19.73	49		10	150
			Pyrene-d10	40	19.34	48		10	130
			Benzo(a)pyrene-d12	40	19.65	49		10	140
P4016-18	DDC23	BN034340.D	1,4-Dioxane-d8	8	5.39	67		15	120
			Pyridine-d5	40	19.79	49		20	120
			Phenol-d5	40	28.02	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.38	78		10	150
			2-Chlorophenol-d4	40	29.05	73		15	120
			4-Methylphenol-d8	40	25.40	64		10	140
			Nitrobenzene-d5	40	35.76	89		10	135
			2-Nitrophenol-d4	40	35.66	89		10	120

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4016-18	DDC23	BN034340.D	2,4-Dichlorophenol-d3	40	34.03	85		10	140
			4-Chloroaniline-d4	40	31.99	80		1	145
			Dimethylphthalate-d6	40	24.37	61		10	145
			Acenaphthylene-d8	40	25.48	64		15	120
			4-Nitrophenol-d4	40	26.28	66		10	150
			Fluorene-d10	40	26.08	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.53	54		10	130
			Anthracene-d10	40	26.44	66		10	150
			Pyrene-d10	40	26.38	66		10	130
			Benzo(a)pyrene-d12	40	26.92	67		10	140
P4016-19MS	DDC23MS	BN034341.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	18.67	47		20	120
			Phenol-d5	40	26.96	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.65	74		10	150
			2-Chlorophenol-d4	40	27.56	69		15	120
			4-Methylphenol-d8	40	23.41	59		10	140
			Nitrobenzene-d5	40	35.41	89		10	135
			2-Nitrophenol-d4	40	35.14	88		10	120
			2,4-Dichlorophenol-d3	40	33.46	84		10	140
			4-Chloroaniline-d4	40	20.03	50		1	145
			Dimethylphthalate-d6	40	23.29	58		10	145
			Acenaphthylene-d8	40	24.31	61		15	120
			4-Nitrophenol-d4	40	27.26	68		10	150
			Fluorene-d10	40	23.39	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.48	59		10	130
			Anthracene-d10	40	24.54	61		10	150
			Pyrene-d10	40	24.88	62		10	130
			Benzo(a)pyrene-d12	40	25.31	63		10	140
P4016-20MSD	DDC23MSD	BN034342.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	17.77	44		20	120
			Phenol-d5	40	26.35	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.30	73		10	150
			2-Chlorophenol-d4	40	26.93	67		15	120
			4-Methylphenol-d8	40	23.17	58		10	140
			Nitrobenzene-d5	40	33.88	85		10	135
			2-Nitrophenol-d4	40	33.22	83		10	120
			2,4-Dichlorophenol-d3	40	33.55	84		10	140
			4-Chloroaniline-d4	40	20.17	50		1	145
			Dimethylphthalate-d6	40	22.61	57		10	145
			Acenaphthylene-d8	40	24.22	61		15	120
			4-Nitrophenol-d4	40	26.80	67		10	150
			Fluorene-d10	40	24.44	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.61	67		10	130
			Anthracene-d10	40	23.99	60		10	150
			Pyrene-d10	40	24.68	62		10	130
			Benzo(a)pyrene-d12	40	25.83	65		10	140
P4016-21	DDC24	BN034343.D	1,4-Dioxane-d8	8	3.32	42		15	120
			Pyridine-d5	40	13.85	35		20	120
			Phenol-d5	40	18.93	47		10	130

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4016-21	DDC24	BN034343.D	Bis(2-Chloroethyl)ether-d8	40	20.19	50		10	150
			2-Chlorophenol-d4	40	20.73	52		15	120
			4-Methylphenol-d8	40	18.16	45		10	140
			Nitrobenzene-d5	40	23.74	59		10	135
			2-Nitrophenol-d4	40	25.02	63		10	120
			2,4-Dichlorophenol-d3	40	23.20	58		10	140
			4-Chloroaniline-d4	40	10.52	26		1	145
			Dimethylphthalate-d6	40	19.32	48		10	145
			Acenaphthylene-d8	40	19.82	50		15	120
			4-Nitrophenol-d4	40	17.27	43		10	150
			Fluorene-d10	40	20.60	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.46	39		10	130
			Anthracene-d10	40	20.31	51		10	150
			Pyrene-d10	40	19.94	50		10	130
			Benzo(a)pyrene-d12	40	20.09	50		10	140
P4016-22	DDC25	BN034344.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Pyridine-d5	40	10.28	26		20	120
			Phenol-d5	40	15.30	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.60	37		10	150
			2-Chlorophenol-d4	40	17.41	44		15	120
			4-Methylphenol-d8	40	15.22	38		10	140
			Nitrobenzene-d5	40	16.94	42		10	135
			2-Nitrophenol-d4	40	18.29	46		10	120
			2,4-Dichlorophenol-d3	40	17.45	44		10	140
			4-Chloroaniline-d4	40	15.79	39		1	145
			Dimethylphthalate-d6	40	18.30	46		10	145
			Acenaphthylene-d8	40	18.63	47		15	120
			4-Nitrophenol-d4	40	9.01	23		10	150
			Fluorene-d10	40	18.35	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.24	31		10	130
			Anthracene-d10	40	19.65	49		10	150
			Pyrene-d10	40	19.39	48		10	130
			Benzo(a)pyrene-d12	40	19.87	50		10	140
PB163456BL	PB163456BL	BN034347.D	1,4-Dioxane-d8	8	5.26	66		15	120
		BN034334.D	Pyridine-d5	40	22.90	57		20	120
			1,4-Dioxane-d8	8	5.63	70		15	120
		BN034347.D	Pyridine-d5	40	22.22	56		20	120
		BN034334.D	Phenol-d5	40	23.57	59		10	130
		BN034347.D	Phenol-d5	40	23.28	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.66	57		10	150
		BN034334.D	Bis(2-Chloroethyl)ether-d8	40	23.40	59		10	150
			2-Chlorophenol-d4	40	26.61	67		15	120
		BN034347.D	2-Chlorophenol-d4	40	26.57	66		15	120
			4-Methylphenol-d8	40	22.93	57		10	140
		BN034334.D	4-Methylphenol-d8	40	23.25	58		10	140
			Nitrobenzene-d5	40	27.25	68		10	135
		BN034347.D	Nitrobenzene-d5	40	27.55	69		10	135
			2-Nitrophenol-d4	40	28.84	72		10	120
		BN034334.D	2-Nitrophenol-d4	40	28.75	72		10	120

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163456BL	PB163456BL	BN034334.D	2,4-Dichlorophenol-d3	40	26.65	67		10	140
		BN034347.D	2,4-Dichlorophenol-d3	40	26.25	66		10	140
			4-Chloroaniline-d4	40	24.58	61		1	145
		BN034334.D	4-Chloroaniline-d4	40	25.39	63		1	145
			Dimethylphthalate-d6	40	27.07	68		10	145
		BN034347.D	Dimethylphthalate-d6	40	26.23	66		10	145
			Acenaphthylene-d8	40	27.61	69		15	120
		BN034334.D	Acenaphthylene-d8	40	27.45	69		15	120
			4-Nitrophenol-d4	40	18.93	47		10	150
		BN034347.D	4-Nitrophenol-d4	40	17.22	43		10	150
			Fluorene-d10	40	26.71	67		20	140
		BN034334.D	Fluorene-d10	40	27.27	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.55	49		10	130
		BN034347.D	4,6-Dinitro-2-methylphenol-d2	40	20.83	52		10	130
			Anthracene-d10	40	28.50	71		10	150
		BN034334.D	Anthracene-d10	40	27.68	69		10	150
			Pyrene-d10	40	28.12	70		10	130
		BN034347.D	Pyrene-d10	40	28.73	72		10	130
			Benzo(a)pyrene-d12	40	28.71	72		10	140
		BN034334.D	Benzo(a)pyrene-d12	40	27.52	69		10	140
PB163456BS	PB163456BS	BN034345.D	Pyridine-d5	40	20.23	51		20	120
			1,4-Dioxane-d8	8	4.54	57		15	120
			Phenol-d5	40	21.10	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.83	50		10	150
			2-Chlorophenol-d4	40	24.17	60		15	120
			4-Methylphenol-d8	40	20.38	51		10	140
			Nitrobenzene-d5	40	24.28	61		10	135
			2-Nitrophenol-d4	40	25.82	65		10	120
			2,4-Dichlorophenol-d3	40	25.19	63		10	140
			4-Chloroaniline-d4	40	21.37	53		1	145
			Dimethylphthalate-d6	40	22.26	56		10	145
			Acenaphthylene-d8	40	23.75	59		15	120
			4-Nitrophenol-d4	40	19.71	49		10	150
			Fluorene-d10	40	22.78	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.65	57		10	130
			Anthracene-d10	40	23.48	59		10	150
			Pyrene-d10	40	23.62	59		10	130
			Benzo(a)pyrene-d12	40	24.47	61		10	140

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4017-01	DDC40	BN034350.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	7.97	20		20	120
			Phenol-d5	40	25.05	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.32	58		10	150
			2-Chlorophenol-d4	40	27.50	69		15	120
			4-Methylphenol-d8	40	25.01	63		10	140
			Nitrobenzene-d5	40	27.81	70		10	135
			2-Nitrophenol-d4	40	30.79	77		10	120
			2,4-Dichlorophenol-d3	40	29.23	73		10	140
			4-Chloroaniline-d4	40	20.82	52		1	145
			Dimethylphthalate-d6	40	28.79	72		10	145
			Acenaphthylene-d8	40	30.00	75		15	120
			4-Nitrophenol-d4	40	22.86	57		10	150
			Fluorene-d10	40	30.13	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.08	65		10	130
			Anthracene-d10	40	30.80	77		10	150
			Pyrene-d10	40	29.76	74		10	130
			Benzo(a)pyrene-d12	40	29.97	75		10	140
P4017-04	DDC43	BN034351.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	18.91	47		20	120
			Phenol-d5	40	24.08	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.75	62		10	150
			2-Chlorophenol-d4	40	27.04	68		15	120
			4-Methylphenol-d8	40	24.11	60		10	140
			Nitrobenzene-d5	40	29.10	73		10	135
			2-Nitrophenol-d4	40	32.22	81		10	120
			2,4-Dichlorophenol-d3	40	29.45	74		10	140
			4-Chloroaniline-d4	40	22.03	55		1	145
			Dimethylphthalate-d6	40	26.78	67		10	145
			Acenaphthylene-d8	40	28.84	72		15	120
			4-Nitrophenol-d4	40	19.22	48		10	150
			Fluorene-d10	40	28.12	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.86	65		10	130
			Anthracene-d10	40	28.47	71		10	150
			Pyrene-d10	40	28.29	71		10	130
			Benzo(a)pyrene-d12	40	28.61	72		10	140
P4017-05	DDC44	BN034352.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	18.91	47		20	120
			Phenol-d5	40	21.58	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.58	51		10	150
			2-Chlorophenol-d4	40	24.22	61		15	120
			4-Methylphenol-d8	40	21.59	54		10	140
			Nitrobenzene-d5	40	24.82	62		10	135
			2-Nitrophenol-d4	40	26.59	66		10	120
			2,4-Dichlorophenol-d3	40	24.72	62		10	140
			4-Chloroaniline-d4	40	23.41	59		1	145
			Dimethylphthalate-d6	40	26.23	66		10	145
			Acenaphthylene-d8	40	27.08	68		15	120
			4-Nitrophenol-d4	40	5.96	15		10	150

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4017-05	DDC44	BN034352.D	Fluorene-d10	40	26.41	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.25	21		10	130
			Anthracene-d10	40	27.94	70		10	150
			Pyrene-d10	40	27.99	70		10	130
			Benzo(a)pyrene-d12	40	28.41	71		10	140
P4017-10	DDC85	BN034353.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	14.63	37		20	120
			Phenol-d5	40	20.69	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.49	49		10	150
			2-Chlorophenol-d4	40	22.70	57		15	120
			4-Methylphenol-d8	40	20.43	51		10	140
			Nitrobenzene-d5	40	24.05	60		10	135
			2-Nitrophenol-d4	40	25.63	64		10	120
			2,4-Dichlorophenol-d3	40	24.33	61		10	140
			4-Chloroaniline-d4	40	21.63	54		1	145
			Dimethylphthalate-d6	40	25.62	64		10	145
			Acenaphthylene-d8	40	27.68	69		15	120
			4-Nitrophenol-d4	40	17.11	43		10	150
			Fluorene-d10	40	27.80	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.53	51		10	130
			Anthracene-d10	40	28.45	71		10	150
			Pyrene-d10	40	27.30	68		10	130
			Benzo(a)pyrene-d12	40	28.85	72		10	140
P4017-12	DDC94	BN034354.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	20.05	50		20	120
			Phenol-d5	40	26.22	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.78	59		10	150
			2-Chlorophenol-d4	40	28.26	71		15	120
			4-Methylphenol-d8	40	23.79	59		10	140
			Nitrobenzene-d5	40	29.16	73		10	135
			2-Nitrophenol-d4	40	31.99	80		10	120
			2,4-Dichlorophenol-d3	40	29.65	74		10	140
			4-Chloroaniline-d4	40	23.04	58		1	145
			Dimethylphthalate-d6	40	29.94	75		10	145
			Acenaphthylene-d8	40	30.74	77		15	120
			4-Nitrophenol-d4	40	19.86	50		10	150
			Fluorene-d10	40	29.90	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.71	62		10	130
			Anthracene-d10	40	31.92	80		10	150
			Pyrene-d10	40	31.90	80		10	130
			Benzo(a)pyrene-d12	40	33.62	84		10	140
P4017-13	DDC95	BN034355.D	1,4-Dioxane-d8	8	1.23	15		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	5.41	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.90	25		10	150
			2-Chlorophenol-d4	40	5.45	14	*	15	120
			4-Methylphenol-d8	40	0.63	2	*	10	140
			Nitrobenzene-d5	40	10.50	26		10	135
			2-Nitrophenol-d4	40	9.24	23		10	120

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4017-13	DDC95	BN034355.D	2,4-Dichlorophenol-d3	40	4.74	12		10	140
			4-Chloroaniline-d4	40	14.79	37		1	145
			Dimethylphthalate-d6	40	7.44	19		10	145
			Acenaphthylene-d8	40	7.48	19		15	120
			4-Nitrophenol-d4	40	9.11	23		10	150
			Fluorene-d10	40	8.01	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.42	16		10	130
			Anthracene-d10	40	7.46	19		10	150
			Pyrene-d10	40	6.24	16		10	130
			Benzo(a)pyrene-d12	40	3.61	9	*	10	140
P4017-15	DDC97	BN034356.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Pyridine-d5	40	14.60	37		20	120
			Phenol-d5	40	25.18	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.47	56		10	150
			2-Chlorophenol-d4	40	27.07	68		15	120
			4-Methylphenol-d8	40	25.05	63		10	140
			Nitrobenzene-d5	40	27.63	69		10	135
			2-Nitrophenol-d4	40	31.11	78		10	120
			2,4-Dichlorophenol-d3	40	28.89	72		10	140
			4-Chloroaniline-d4	40	22.22	56		1	145
			Dimethylphthalate-d6	40	28.26	71		10	145
			Acenaphthylene-d8	40	29.47	74		15	120
			4-Nitrophenol-d4	40	22.11	55		10	150
			Fluorene-d10	40	28.74	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.07	65		10	130
			Anthracene-d10	40	29.54	74		10	150
			Pyrene-d10	40	29.48	74		10	130
			Benzo(a)pyrene-d12	40	29.80	74		10	140
P4017-16	DDC98	BN034357.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Pyridine-d5	40	19.03	48		20	120
			Phenol-d5	40	22.74	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.64	54		10	150
			2-Chlorophenol-d4	40	25.66	64		15	120
			4-Methylphenol-d8	40	22.77	57		10	140
			Nitrobenzene-d5	40	27.04	68		10	135
			2-Nitrophenol-d4	40	28.61	72		10	120
			2,4-Dichlorophenol-d3	40	26.42	66		10	140
			4-Chloroaniline-d4	40	25.24	63		1	145
			Dimethylphthalate-d6	40	26.36	66		10	145
			Acenaphthylene-d8	40	28.64	72		15	120
			4-Nitrophenol-d4	40	17.26	43		10	150
			Fluorene-d10	40	28.18	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.18	43		10	130
			Anthracene-d10	40	29.14	73		10	150
			Pyrene-d10	40	29.24	73		10	130
			Benzo(a)pyrene-d12	40	29.99	75		10	140
P4017-18	DDCD4	BN034358.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	13.33	33		20	120
			Phenol-d5	40	15.96	40		10	130

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4017-18	DDCD4	BN034358.D	Bis(2-Chloroethyl)ether-d8	40	15.24	38		10	150
			2-Chlorophenol-d4	40	18.30	46		15	120
			4-Methylphenol-d8	40	15.25	38		10	140
			Nitrobenzene-d5	40	18.52	46		10	135
			2-Nitrophenol-d4	40	18.72	47		10	120
			2,4-Dichlorophenol-d3	40	17.68	44		10	140
			4-Chloroaniline-d4	40	14.19	35		1	145
			Dimethylphthalate-d6	40	17.73	44		10	145
			Acenaphthylene-d8	40	18.36	46		15	120
			4-Nitrophenol-d4	40	8.82	22		10	150
			Fluorene-d10	40	17.77	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.50	24		10	130
			Anthracene-d10	40	18.34	46		10	150
			Pyrene-d10	40	18.80	47		10	130
			Benzo(a)pyrene-d12	40	19.00	47		10	140
P4017-21	DDCD7	BN034361.D	1,4-Dioxane-d8	8	3.34	42		15	120
			Pyridine-d5	40	6.10	15	*	20	120
			Phenol-d5	40	15.91	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.26	41		10	150
			2-Chlorophenol-d4	40	18.03	45		15	120
			4-Methylphenol-d8	40	15.41	39		10	140
			Nitrobenzene-d5	40	19.36	48		10	135
			2-Nitrophenol-d4	40	20.21	51		10	120
			2,4-Dichlorophenol-d3	40	18.70	47		10	140
			4-Chloroaniline-d4	40	10.54	26		1	145
			Dimethylphthalate-d6	40	18.10	45		10	145
			Acenaphthylene-d8	40	19.10	48		15	120
			4-Nitrophenol-d4	40	13.48	34		10	150
			Fluorene-d10	40	18.70	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.33	63		10	130
			Anthracene-d10	40	19.10	48		10	150
			Pyrene-d10	40	18.75	47		10	130
			Benzo(a)pyrene-d12	40	18.84	47		10	140
PB163489BL	PB163489BL	BN034360.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Pyridine-d5	40	18.11	45		20	120
			Phenol-d5	40	17.86	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.06	43		10	150
			2-Chlorophenol-d4	40	20.61	52		15	120
			4-Methylphenol-d8	40	16.84	42		10	140
			Nitrobenzene-d5	40	20.51	51		10	135
			2-Nitrophenol-d4	40	21.27	53		10	120
			2,4-Dichlorophenol-d3	40	19.42	49		10	140
			4-Chloroaniline-d4	40	18.14	45		1	145
			Dimethylphthalate-d6	40	19.20	48		10	145
			Acenaphthylene-d8	40	20.23	51		15	120
			4-Nitrophenol-d4	40	12.01	30		10	150
			Fluorene-d10	40	19.46	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.09	35		10	130
			Anthracene-d10	40	20.66	52		10	150

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163489BL	PB163489BL	BN034360.D	Pyrene-d10	40	20.18	50		10	130
			Benzo(a)pyrene-d12	40	20.15	50		10	140

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Surrogate Summary

SW-846

SDG No.: BN100224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4019-06DL2	DDCA9DL2	BN034348.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.82	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.38	38		10	150
			2-Chlorophenol-d4	40	15.01	38		15	120
			4-Methylphenol-d8	40	11.93	30		10	140
			Nitrobenzene-d5	40	14.06	35		10	135
			2-Nitrophenol-d4	40	12.65	32		10	120
			2,4-Dichlorophenol-d3	40	14.22	36		10	140
			4-Chloroaniline-d4	40	11.21	28		1	145
			Dimethylphthalate-d6	40	18.46	46		10	145
			Acenaphthylene-d8	40	18.46	46		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	19.70	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	20.49	51		10	150
			Pyrene-d10	40	21.14	53		10	130
			Benzo(a)pyrene-d12	40	19.12	48		10	140
P4019-11DL	DDCE6DL	BN034349.D	1,4-Dioxane-d8	8	6.18	77		15	120
			Pyridine-d5	40	12.58	31		20	120
			Phenol-d5	40	17.18	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.22	48		10	150
			2-Chlorophenol-d4	40	19.18	48		15	120
			4-Methylphenol-d8	40	14.62	37		10	140
			Nitrobenzene-d5	40	16.96	42		10	135
			2-Nitrophenol-d4	40	15.52	39		10	120
			2,4-Dichlorophenol-d3	40	15.30	38		10	140
			4-Chloroaniline-d4	40	6.68	17		1	145
			Dimethylphthalate-d6	40	20.54	51		10	145
			Acenaphthylene-d8	40	20.96	52		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	22.46	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	22.64	57		10	150
			Pyrene-d10	40	23.76	59		10	130
			Benzo(a)pyrene-d12	40	20.06	50		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN100224

Lab Code: CHEM SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034332.D DFTPP Injection Date: 10/02/2024

Instrument ID: BNA_N DFTPP Injection Time: 11:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	15.1 (18.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020327	SSTDCCC020	BN034333.D	10/02/2024	12:22
SBLK456	PB163456BL	BN034334.D	10/02/2024	13:01
DCVW4	P4016-13	BN034335.D	10/02/2024	13:40
DCVW5	P4016-14	BN034336.D	10/02/2024	14:20
DDC20	P4016-15	BN034337.D	10/02/2024	14:59
DDC21	P4016-16	BN034338.D	10/02/2024	15:38
DDC22	P4016-17	BN034339.D	10/02/2024	16:18
DDC23	P4016-18	BN034340.D	10/02/2024	16:57
DDC23MS	P4016-19MS	BN034341.D	10/02/2024	17:36
DDC23MSD	P4016-20MSD	BN034342.D	10/02/2024	18:15
DDC24	P4016-21	BN034343.D	10/02/2024	18:55
DDC25	P4016-22	BN034344.D	10/02/2024	19:34
SLCS456	PB163456BS	BN034345.D	10/02/2024	20:13
SSTD020328	SSTDCCC020	BN034346.D	10/02/2024	21:32
SBLK456	PB163456BL	BN034347.D	10/02/2024	22:50
DDCA9DL2	P4019-06DL2	BN034348.D	10/02/2024	23:29
DDCE6DL	P4019-11DL	BN034349.D	10/03/2024	00:08
DDC40	P4017-01	BN034350.D	10/03/2024	00:48

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN100224

Lab Code: CHEM SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034332.D DFTPP Injection Date: 10/02/2024

Instrument ID: BNA_N DFTPP Injection Time: 11:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	15.1 (18.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
DDC43	P4017-04	BN034351.D	10/03/2024	01:27
DDC44	P4017-05	BN034352.D	10/03/2024	02:06
DDC85	P4017-10	BN034353.D	10/03/2024	02:46
DDC94	P4017-12	BN034354.D	10/03/2024	03:25
DDC95	P4017-13	BN034355.D	10/03/2024	04:04
DDC97	P4017-15	BN034356.D	10/03/2024	04:44
DDC98	P4017-16	BN034357.D	10/03/2024	05:23
DDCD4	P4017-18	BN034358.D	10/03/2024	06:02
SSTD020329	SSTDCCC020	BN034359.D	10/03/2024	07:21
SBLK489	PB163489BL	BN034360.D	10/03/2024	08:00
DDCD7	P4017-21	BN034361.D	10/03/2024	08:39