

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF031124 SAS No.: BF031124 SDG No.: BF031124

Instrument ID: BNA_F Calibration Date/Time: 3/11/2024 1:13:10

Lab File ID: BF137553.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.652	0.701		7.515	
Pyridine	1.741	1.791		2.872	
2-Fluorophenol	1.321	1.301		-1.514	
Benzaldehyde	0.934	0.975		4.39	
Aniline	2.329	2.379		2.147	
Phenol-d6	1.906	1.835		-3.725	
Phenol	2.052	2.001		-2.485	20.0
bis(2-Chloroethyl)ether	1.503	1.534		2.063	
2-Chlorophenol	1.393	1.361		-2.297	
1,2-Dichlorobenzene	1.398	1.321		-5.508	
1,3-Dichlorobenzene	1.488	1.464		-1.613	
1,4-Dichlorobenzene	1.523	1.486		-2.429	20.0
Benzyl Alcohol	1.187	1.218		2.612	
2-Methylphenol	1.303	1.312		0.691	
2,2-oxybis(1-Chloropropane)	2.584	2.401		-7.082	
Acetophenone	0.484	0.462		-4.545	
3+4-Methylphenols	1.493	1.411		-5.492	
n-Nitroso-di-n-propylamine	1.177	1.096	0.050	-6.882	
Nitrobenzene-d5	0.430	0.423		-1.628	
Hexachloroethane	0.501	0.503		0.399	
Nitrobenzene	0.432	0.428		-0.926	
Isophorone	0.818	0.813		-0.611	
2-Nitrophenol	0.172	0.187		8.721	20.0
2,4-Dimethylphenol	0.321	0.323		0.623	
bis(2-Chloroethoxy)methane	0.480	0.481		0.208	
2,4-Dichlorophenol	0.294	0.308		4.762	20.0
1,2,4-Trichlorobenzene	0.310	0.313		0.968	
Benzoic acid	0.167	0.181		8.383	
Naphthalene	1.073	1.037		-3.355	
4-Chloroaniline	0.421	0.420		-0.238	
Hexachlorobutadiene	0.183	0.184		0.546	20.0
Caprolactam	0.100	0.106		6.0	
4-Chloro-3-methylphenol	0.329	0.336		2.128	20.0
2-Methylnaphthalene	0.684	0.653		-4.532	
Hexachlorocyclopentadiene	0.180	0.329	0.050	82.778	
2,4,6-Trichlorophenol	0.364	0.372		2.198	20.0
2-Fluorobiphenyl	1.278	1.149		-10.094	
2,4,5-Trichlorophenol	0.419	0.428		2.148	
1,1-Biphenyl	1.464	1.391		-4.986	
2-Chloronaphthalene	1.116	1.093		-2.061	
2-Nitroaniline	0.379	0.408		7.652	

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GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.392	1.368		-1.724	
Acenaphthylene	1.786	1.668		-6.607	
2,6-Dinitrotoluene	0.291	0.303		4.124	
3-Nitroaniline	0.308	0.333		8.117	
Acenaphthene	1.066	1.009		-5.347	20.0
2,4-Dinitrophenol	0.111	0.129	0.050	16.216	
4-Nitrophenol	0.190	0.212	0.050	11.579	
Dibenzofuran	1.624	1.501		-7.574	
2,4-Dinitrotoluene	0.358	0.366		2.235	
Diethylphthalate	1.315	1.283		-2.433	
4-Chlorophenyl-phenylether	0.611	0.565		-7.529	
Fluorene	1.247	1.131		-9.302	
4-Nitroaniline	0.265	0.289		9.057	
4,6-Dinitro-2-methylphenol	0.111	0.122		9.91	
n-Nitrosodiphenylamine	0.644	0.626		-2.795	20.0
Azobenzene	1.514	1.442		-4.756	
2,4,6-Tribromophenol	0.176	0.187		6.25	
4-Bromophenyl-phenylether	0.218	0.223		2.294	
Hexachlorobenzene	0.220	0.229		4.091	
Atrazine	0.196	0.200		2.041	
Pentachlorophenol	0.133	0.145		9.023	20.0
Phenanthrene	1.088	1.029		-5.423	
Anthracene	1.118	1.059		-5.277	
Carbazole	0.958	0.935		-2.401	
Di-n-butylphthalate	1.139	1.106		-2.897	
Fluoranthene	1.064	1.007		-5.357	20.0
Benzidine	0.489	0.514		5.112	
Pyrene	1.962	1.971		0.459	
Terphenyl-d14	1.454	1.418		-2.476	
Butylbenzylphthalate	0.501	0.622		24.152	
3,3-Dichlorobenzidine	0.373	0.450		20.643	
Benzo (a) anthracene	1.402	1.364		-2.71	
Chrysene	1.417	1.399		-1.27	
Bis (2-ethylhexyl) phthalate	0.637	0.726		13.972	
Di-n-octyl phthalate	1.120	1.271		13.482	20.0
Benzo (b) fluoranthene	1.183	1.146		-3.128	
Benzo (k) fluoranthene	1.271	1.221		-3.934	
Benzo (a) pyrene	1.166	1.164		-0.172	20.0
Indeno (1,2,3-cd) pyrene	1.316	1.382		5.015	
Dibenzo (a,h) anthracene	1.068	1.115		4.401	
Benzo (g,h,i) perylene	1.096	1.147		4.653	



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Lab File ID: BF137553.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.558	0.553		-0.896	
1,4-Dioxane	0.722	0.688		-4.709	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.340		1.19	
1-Methylnaphthalene	0.644	0.622		-3.416	

All other compounds must meet a minimum RRF of 0.010.



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF031124 SAS No.: BF031124 SDG No.: BF031124

Instrument ID: BNA_F Calibration Date/Time: 3/11/2024 1: 21:50

Lab File ID: BF137569.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.652	0.702		7.669	50.0
Pyridine	1.741	1.885		8.271	50.0
2-Fluorophenol	1.321	1.360		2.952	50.0
Benzaldehyde	0.934	1.019		9.101	50.0
Aniline	2.329	2.323		-0.258	50.0
Phenol-d6	1.906	1.854		-2.728	50.0
Phenol	2.052	2.010		-2.047	50.0
bis(2-Chloroethyl)ether	1.503	1.509		0.399	50.0
2-Chlorophenol	1.393	1.397		0.287	50.0
1,2-Dichlorobenzene	1.398	1.366		-2.289	50.0
1,3-Dichlorobenzene	1.488	1.490		0.134	50.0
1,4-Dichlorobenzene	1.523	1.521		-0.131	50.0
Benzyl Alcohol	1.187	1.248		5.139	50.0
2-Methylphenol	1.303	1.267		-2.763	50.0
2,2-oxybis(1-Chloropropane)	2.584	2.472		-4.334	50.0
Acetophenone	0.484	0.489		1.033	50.0
3+4-Methylphenols	1.493	1.407		-5.76	50.0
n-Nitroso-di-n-propylamine	1.177	1.102	0.050	-6.372	50.0
Nitrobenzene-d5	0.430	0.440		2.326	50.0
Hexachloroethane	0.501	0.504		0.599	50.0
Nitrobenzene	0.432	0.446		3.241	50.0
Isophorone	0.818	0.812		-0.733	50.0
2-Nitrophenol	0.172	0.191		11.047	50.0
2,4-Dimethylphenol	0.321	0.325		1.246	50.0
bis(2-Chloroethoxy)methane	0.480	0.497		3.542	50.0
2,4-Dichlorophenol	0.294	0.298		1.361	50.0
1,2,4-Trichlorobenzene	0.310	0.317		2.258	50.0
Benzoic acid	0.167	0.149		-10.778	50.0
Naphthalene	1.073	1.030		-4.007	50.0
4-Chloroaniline	0.421	0.402		-4.513	50.0
Hexachlorobutadiene	0.183	0.191		4.372	50.0
Caprolactam	0.100	0.095		-5.0	50.0
4-Chloro-3-methylphenol	0.329	0.305		-7.295	50.0
2-Methylnaphthalene	0.684	0.637		-6.871	50.0
Hexachlorocyclopentadiene	0.180	0.129	0.050	-28.333	50.0
2,4,6-Trichlorophenol	0.364	0.399		9.615	50.0
2-Fluorobiphenyl	1.278	1.329		3.991	50.0
2,4,5-Trichlorophenol	0.419	0.433		3.341	50.0
1,1-Biphenyl	1.464	1.578		7.787	50.0
2-Chloronaphthalene	1.116	1.178		5.556	50.0
2-Nitroaniline	0.379	0.418		10.29	50.0

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GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.392	1.514		8.764	50.0
Acenaphthylene	1.786	1.770		-0.896	50.0
2,6-Dinitrotoluene	0.291	0.307		5.498	50.0
3-Nitroaniline	0.308	0.322		4.545	50.0
Acenaphthene	1.066	1.037		-2.72	50.0
2,4-Dinitrophenol	0.111	0.037	0.050	-66.667	50.0
4-Nitrophenol	0.190	0.175	0.050	-7.895	50.0
Dibenzofuran	1.624	1.551		-4.495	50.0
2,4-Dinitrotoluene	0.358	0.353		-1.397	50.0
Diethylphthalate	1.315	1.329		1.065	50.0
4-Chlorophenyl-phenylether	0.611	0.574		-6.056	50.0
Fluorene	1.247	1.111		-10.906	50.0
4-Nitroaniline	0.265	0.269		1.509	50.0
4,6-Dinitro-2-methylphenol	0.111	0.059		-46.847	50.0
n-Nitrosodiphenylamine	0.644	0.692		7.453	50.0
Azobenzene	1.514	1.378		-8.983	50.0
2,4,6-Tribromophenol	0.176	0.158		-10.227	50.0
4-Bromophenyl-phenylether	0.218	0.234		7.339	50.0
Hexachlorobenzene	0.220	0.225		2.273	50.0
Atrazine	0.196	0.210		7.143	50.0
Pentachlorophenol	0.133	0.138		3.759	50.0
Phenanthrene	1.088	1.059		-2.665	50.0
Anthracene	1.118	1.110		-0.716	50.0
Carbazole	0.958	0.965		0.731	50.0
Di-n-butylphthalate	1.139	1.222		7.287	50.0
Fluoranthene	1.064	1.096		3.008	50.0
Benzidine	0.489	0.596		21.881	50.0
Pyrene	1.962	1.583		-19.317	50.0
Terphenyl-d14	1.454	1.165		-19.876	50.0
Butylbenzylphthalate	0.501	0.626		24.95	50.0
3,3-Dichlorobenzidine	0.373	0.512		37.265	50.0
Benzo (a) anthracene	1.402	1.371		-2.211	50.0
Chrysene	1.417	1.414		-0.212	50.0
Bis (2-ethylhexyl) phthalate	0.637	0.861		35.165	50.0
Di-n-octyl phthalate	1.120	1.682		50.179	50.0
Benzo (b) fluoranthene	1.183	1.268		7.185	50.0
Benzo (k) fluoranthene	1.271	1.306		2.754	50.0
Benzo (a) pyrene	1.166	1.189		1.973	50.0
Indeno (1,2,3-cd) pyrene	1.316	1.127		-14.362	50.0
Dibenzo (a,h) anthracene	1.068	0.938		-12.172	50.0
Benzo (g,h,i) perylene	1.096	0.913		-16.697	50.0



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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.558	0.629		12.724	50.0
1,4-Dioxane	0.722	0.725		0.416	50.0
2,3,4,6-Tetrachlorophenol	0.336	0.311		-7.44	50.0
1-Methylnaphthalene	0.644	0.583		-9.472	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BL	SDG No.:	BF031124
Lab Sample ID:	PB159519BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137554.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

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

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BL	SDG No.:	BF031124
Lab Sample ID:	PB159519BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137554.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

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

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BL	SDG No.:	BF031124
Lab Sample ID:	PB159519BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137554.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.659		10-139		76	SPK: -150
13127-88-3	Phenol-d6	106.455		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	75.779		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.866		52-132		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	132.477		32-145		88	SPK: -150
1718-51-0	Terphenyl-d14	65.225		36-145		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245409	6.904				
1146-65-2	Naphthalene-d8	980911	8.175				
15067-26-2	Acenaphthene-d10	545271	9.933				
1517-22-2	Phenanthrene-d10	1019666	11.427				
1719-03-5	Chrysene-d12	695489	14.092				
1520-96-3	Perylene-d12	542743	15.645				



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

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BL	SDG No.:	BF031124
Lab Sample ID:	PB159519BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137554.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.3	A			5.21	
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	2.4	J			12.863	
000629-78-7	Heptadecane	2.4	J			14.921	
000629-94-7	Heneicosane	2.2	J			15.721	
000630-02-4	Octacosane	2	J			16.809	

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BS	SDG No.:	BF031124
Lab Sample ID:	PB159519BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137555.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.2		2	8	10	ug/L
110-86-1	Pyridine	33.8		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	22.4		2.4	4	5	ug/L
108-95-2	Phenol	41.8		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	46.3		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.9		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.4		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.6		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	49.9		2.4	8	10	ug/L
95-48-7	2-Methylphenol	41.8		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.8		2.3	4	5	ug/L
98-86-2	Acetophenone	43.8		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	40.9		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.4		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.6		1.6	4	5	ug/L
98-95-3	Nitrobenzene	42.2		1.7	4	5	ug/L
78-59-1	Isophorone	42.9		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	48.5		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	38.1		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.5		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.4		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.5		1.7	4	5	ug/L
65-85-0	Benzoic acid	46.8		6.7	8	10	ug/L
91-20-3	Naphthalene	42		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	14.1		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	44		1.9	4	5	ug/L
105-60-2	Caprolactam	47.7		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.9		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.6		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BS	SDG No.:	BF031124
Lab Sample ID:	PB159519BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137555.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	97	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.3		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.8		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	43.5		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.1		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	46.9		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.2		1.9	4	5	ug/L
208-96-8	Acenaphthylene	44.3		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	28.3		2.4	4	5	ug/L
83-32-9	Acenaphthene	42		1.7	4	5	ug/L
Total PAH	Total PAH	703.2		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	97.9	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	92.1	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	41.4		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	45.9		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	42.9		4.6	4	10	ug/L
84-66-2	Diethylphthalate	43.7		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41		2.2	4	5	ug/L
86-73-7	Fluorene	40.8		2	4	5	ug/L
100-01-6	4-Nitroaniline	48		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.2		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	40.9		2	4	5	ug/L
103-33-3	Azobenzene	42.7		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.9		2	4	5	ug/L
118-74-1	Hexachlorobenzene	46.9		1.9	4	5	ug/L
1912-24-9	Atrazine	40.8		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	84.7	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	40.7		2	4	5	ug/L
120-12-7	Anthracene	40.8		2.3	4	5	ug/L
86-74-8	Carbazole	42.5		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.1		2.4	4	5	ug/L
206-44-0	Fluoranthene	42		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BS	SDG No.:	BF031124
Lab Sample ID:	PB159519BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137555.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	23.3		6.6	8	10	ug/L
129-00-0	Pyrene	43.7		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.3		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.9		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.1		1.5	4	5	ug/L
218-01-9	Chrysene	43.3		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	53.7		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.6		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.7		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	42.1		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.8		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.4		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.8		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	35.3		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.6		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	41		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.031		10-139		81	SPK: -150
13127-88-3	Phenol-d6	115.141		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	80.572		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	78.968		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	143.52		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	83.412		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234068	6.904				
1146-65-2	Naphthalene-d8	951754	8.175				
15067-26-2	Acenaphthene-d10	519883	9.939				
1517-22-2	Phenanthrene-d10	944705	11.433				
1719-03-5	Chrysene-d12	501907	14.098				
1520-96-3	Perylene-d12	458087	15.651				



Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BS	SDG No.:	BF031124
Lab Sample ID:	PB159519BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137555.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

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

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BSD	SDG No.:	BF031124
Lab Sample ID:	PB159519BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137556.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.3		2	8	10	ug/L
110-86-1	Pyridine	32.2		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	22.3		2.4	4	5	ug/L
108-95-2	Phenol	40.9		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	45.2		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.7		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.3		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	48.6		2.4	8	10	ug/L
95-48-7	2-Methylphenol	40.5		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40		2.3	4	5	ug/L
98-86-2	Acetophenone	42.8		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	40.1		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.4		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.5		1.6	4	5	ug/L
98-95-3	Nitrobenzene	41.2		1.7	4	5	ug/L
78-59-1	Isophorone	41.9		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	47.7		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	37.2		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.6		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.2		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.1		1.7	4	5	ug/L
65-85-0	Benzoic acid	46.5		6.7	8	10	ug/L
91-20-3	Naphthalene	41.3		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	13.7		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.9		1.9	4	5	ug/L
105-60-2	Caprolactam	45.9		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.7		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BSD	SDG No.:	BF031124
Lab Sample ID:	PB159519BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137556.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	94.8	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.2		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.7		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	42.2		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.7		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	45.5		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.9		1.9	4	5	ug/L
208-96-8	Acenaphthylene	43		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.7		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	26.2		2.4	4	5	ug/L
83-32-9	Acenaphthene	41		1.7	4	5	ug/L
Total PAH	Total PAH	687.2		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	97.5	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	86.7	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	40.9		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.8		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.5		4.6	4	10	ug/L
84-66-2	Diethylphthalate	42.6		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40		2.2	4	5	ug/L
86-73-7	Fluorene	40.2		2	4	5	ug/L
100-01-6	4-Nitroaniline	44.8		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.7		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	40.7		2	4	5	ug/L
103-33-3	Azobenzene	41.6		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43		2	4	5	ug/L
118-74-1	Hexachlorobenzene	45.9		1.9	4	5	ug/L
1912-24-9	Atrazine	40.1		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	84.5	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	40		2	4	5	ug/L
120-12-7	Anthracene	40.7		2.3	4	5	ug/L
86-74-8	Carbazole	41.4		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	43		2.4	4	5	ug/L
206-44-0	Fluoranthene	41.2		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BSD	SDG No.:	BF031124
Lab Sample ID:	PB159519BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137556.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	21.9		6.6	8	10	ug/L
129-00-0	Pyrene	42.9		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.1		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.8		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.3		1.5	4	5	ug/L
218-01-9	Chrysene	42		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.8		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	44.9		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.1		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	41.1		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	42.9		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.8		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.5		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	34.6		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.3		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.6		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.967		10-139		79	SPK: -150
13127-88-3	Phenol-d6	113.448		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.637		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.254		52-132		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	138.369		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	82.256		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223172	6.904				
1146-65-2	Naphthalene-d8	899300	8.175				
15067-26-2	Acenaphthene-d10	497175	9.939				
1517-22-2	Phenanthrene-d10	885571	11.433				
1719-03-5	Chrysene-d12	464067	14.098				
1520-96-3	Perylene-d12	433451	15.651				

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	PB159519BSD	SDG No.:	BF031124
Lab Sample ID:	PB159519BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137556.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

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

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	SP-303-20240307	SDG No.:	BF031124
Lab Sample ID:	P1716-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137557.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.2	10.2	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.2	10.2	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4.1	5.1	ug/L
65-85-0	Benzoic acid	6.8	U	6.8	8.2	10.2	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	SP-303-20240307	SDG No.:	BF031124
Lab Sample ID:	P1716-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137557.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.1	ug/L
Total PAH	Total PAH	31.5	U	31.5	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.2	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4.1	5.1	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.2	ug/L
85-01-8	Phenanthrene	2	U	2	4.1	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4.1	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	SP-303-20240307	SDG No.:	BF031124
Lab Sample ID:	P1716-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137557.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.7	U	6.7	8.2	10.2	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	42.817		10-139		29	SPK: -150
13127-88-3	Phenol-d6	24.397		10-134		16	SPK: -150
4165-60-0	Nitrobenzene-d5	72.387		49-133		72	SPK: -100
321-60-8	2-Fluorobiphenyl	69.451		52-132		69	SPK: -100
118-79-6	2,4,6-Tribromophenol	123.116		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	60.264		36-145		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252108	6.904				
1146-65-2	Naphthalene-d8	1011072	8.175				
15067-26-2	Acenaphthene-d10	586134	9.933				
1517-22-2	Phenanthrene-d10	1045182	11.427				
1719-03-5	Chrysene-d12	664748	14.092				
1520-96-3	Perylene-d12	533166	15.645				



Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	SP-303-20240307	SDG No.:	BF031124
Lab Sample ID:	P1716-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137557.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159519

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	66.6	J			2.257	

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BS	SDG No.:	BF031124
Lab Sample ID:	PB159533BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137558.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		77.3	270	330	ug/Kg
110-86-1	Pyridine	1100		72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	1100		150	270	330	ug/Kg
62-53-3	Aniline	700		120	130	170	ug/Kg
108-95-2	Phenol	1400		74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		59	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		75.2	130	170	ug/Kg
78-59-1	Isophorone	1500		68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.5	130	170	ug/Kg
65-85-0	Benzoic acid	1700		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	630		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		84	130	170	ug/Kg
105-60-2	Caprolactam	1700		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BS	SDG No.:	BF031124
Lab Sample ID:	PB159533BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137558.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3200	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		90	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		93.4	130	170	ug/Kg
83-32-9	Acenaphthene	1400		80.3	130	170	ug/Kg
Total PAH	Total PAH	24000		1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		76.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		189.9	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		99.9	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		90.4	130	170	ug/Kg
86-73-7	Fluorene	1400		84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		93.3	130	170	ug/Kg
103-33-3	Azobenzene	1500		73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		98.8	130	170	ug/Kg
1912-24-9	Atrazine	1400		95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	3000	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1400		92.7	130	170	ug/Kg
120-12-7	Anthracene	1400		100	130	170	ug/Kg
86-74-8	Carbazole	1500		84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	130	170	ug/Kg
206-44-0	Fluoranthene	1500		94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BS	SDG No.:	BF031124
Lab Sample ID:	PB159533BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137558.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	550		190	270	330	ug/Kg
129-00-0	Pyrene	1400		83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		83.9	130	170	ug/Kg
218-01-9	Chrysene	1500		86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.987		18-112		83	SPK: -150
13127-88-3	Phenol-d6	118.535		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	83.614		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	81.417		20-109		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	152.213		10-110		101	SPK: -150
1718-51-0	Terphenyl-d14	84.463		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233547	6.904				
1146-65-2	Naphthalene-d8	938920	8.175				
15067-26-2	Acenaphthene-d10	522788	9.939				
1517-22-2	Phenanthrene-d10	941249	11.433				
1719-03-5	Chrysene-d12	517827	14.098				
1520-96-3	Perylene-d12	465573	15.651				



Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BS	SDG No.:	BF031124
Lab Sample ID:	PB159533BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137558.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BL	SDG No.:	BF031124
Lab Sample ID:	PB159533BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137559.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BL	SDG No.:	BF031124
Lab Sample ID:	PB159533BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137559.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BL	SDG No.:	BF031124
Lab Sample ID:	PB159533BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137559.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.389		18-112		76	SPK: -150
13127-88-3	Phenol-d6	107.2		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	76.181		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.494		20-109		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	133.781		10-110		89	SPK: -150
1718-51-0	Terphenyl-d14	69.28		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247112	6.904				
1146-65-2	Naphthalene-d8	992146	8.175				
15067-26-2	Acenaphthene-d10	551989	9.928				
1517-22-2	Phenanthrene-d10	1033005	11.428				
1719-03-5	Chrysene-d12	655055	14.092				
1520-96-3	Perylene-d12	514100	15.645				



Report of Analysis

Client:		Date Collected:	3/11/2024 12:00:00 AM
Project:		Date Received:	3/11/2024 12:00:00 AM
Client Sample ID:	PB159533BL	SDG No.:	BF031124
Lab Sample ID:	PB159533BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137559.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT4196	SDG No.:	BF031124
Lab Sample ID:	P1720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	92.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137560.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	600	U	600	2100	2600	ug/Kg
110-86-1	Pyridine	560	U	560	1000	1300	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	2100	2600	ug/Kg
62-53-3	Aniline	910	U	910	1000	1300	ug/Kg
108-95-2	Phenol	580	U	580	1000	1300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	700	U	700	1000	1300	ug/Kg
95-57-8	2-Chlorophenol	560	U	560	1000	1300	ug/Kg
95-50-1	1,2-Dichlorobenzene	640	U	640	1000	1300	ug/Kg
541-73-1	1,3-Dichlorobenzene	690	U	690	1000	1300	ug/Kg
106-46-7	1,4-Dichlorobenzene	640	U	640	1000	1300	ug/Kg
100-51-6	Benzyl Alcohol	770	U	770	2100	2600	ug/Kg
95-48-7	2-Methylphenol	890	U	890	1000	1300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820	U	820	1000	1300	ug/Kg
98-86-2	Acetophenone	670	U	670	1000	1300	ug/Kg
65794-96-9	3+4-Methylphenols	840	U	840	2100	2600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	460	U	460	620	620	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1000	1300	ug/Kg
98-95-3	Nitrobenzene	590	U	590	1000	1300	ug/Kg
78-59-1	Isophorone	530	U	530	1000	1300	ug/Kg
88-75-5	2-Nitrophenol	740	U	740	1000	1300	ug/Kg
105-67-9	2,4-Dimethylphenol	770	U	770	1000	1300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	870	U	870	1000	1300	ug/Kg
120-83-2	2,4-Dichlorophenol	610	U	610	1000	1300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	600	U	600	1000	1300	ug/Kg
65-85-0	Benzoic acid	1700	U	1700	2100	2600	ug/Kg
91-20-3	Naphthalene	630	U	630	1000	1300	ug/Kg
106-47-8	4-Chloroaniline	820	U	820	1000	1300	ug/Kg
87-68-3	Hexachlorobutadiene	650	U	650	1000	1300	ug/Kg
105-60-2	Caprolactam	910	U	910	2100	2600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	640	U	640	1000	1300	ug/Kg
91-57-6	2-Methylnaphthalene	740	U	740	1000	1300	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT4196	SDG No.:	BF031124
Lab Sample ID:	P1720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	92.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137560.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1600	U	1600	2100	2600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	600	U	600	1000	1300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	680	U	680	1000	1300	ug/Kg
92-52-4	1,1-Biphenyl	710	U	710	1000	1300	ug/Kg
91-58-7	2-Chloronaphthalene	660	U	660	1000	1300	ug/Kg
88-74-4	2-Nitroaniline	770	U	770	1000	1300	ug/Kg
131-11-3	Dimethylphthalate	690	U	690	1000	1300	ug/Kg
208-96-8	Acenaphthylene	690	U	690	1000	1300	ug/Kg
606-20-2	2,6-Dinitrotoluene	700	U	700	1000	1300	ug/Kg
99-09-2	3-Nitroaniline	730	U	730	1000	1300	ug/Kg
83-32-9	Acenaphthene	620	U	620	1000	1300	ug/Kg
Total PAH	Total PAH	11160	U	11160	1000	20800	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	2100	2600	ug/Kg
100-02-7	4-Nitrophenol	890	U	890	2100	2600	ug/Kg
132-64-9	Dibenzofuran	600	U	600	1000	1300	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1480	U	1480	1000	2600	ug/Kg
121-14-2	2,4-Dinitrotoluene	780	U	780	1000	1300	ug/Kg
84-66-2	Diethylphthalate	670	U	670	1000	1300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1000	1300	ug/Kg
86-73-7	Fluorene	660	U	660	1000	1300	ug/Kg
100-01-6	4-Nitroaniline	810	U	810	1000	1300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	680	U	680	2100	2600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	730	U	730	1000	1300	ug/Kg
103-33-3	Azobenzene	570	U	570	1000	1300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	760	U	760	1000	1300	ug/Kg
118-74-1	Hexachlorobenzene	770	U	770	1000	1300	ug/Kg
1912-24-9	Atrazine	740	U	740	1000	1300	ug/Kg
87-86-5	Pentachlorophenol	860	U	860	2100	2600	ug/Kg
85-01-8	Phenanthrene	720	U	720	1000	1300	ug/Kg
120-12-7	Anthracene	790	U	790	1000	1300	ug/Kg
86-74-8	Carbazole	660	U	660	1000	1300	ug/Kg
84-74-2	Di-n-butylphthalate	810	U	810	1000	1300	ug/Kg
206-44-0	Fluoranthene	730	U	730	1000	1300	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT4196	SDG No.:	BF031124
Lab Sample ID:	P1720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	92.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137560.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1500	U	1500	2100	2600	ug/Kg
129-00-0	Pyrene	650	U	650	1000	1300	ug/Kg
85-68-7	Butylbenzylphthalate	800	U	800	1000	1300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300	U	1300	2100	2600	ug/Kg
56-55-3	Benzo(a)anthracene	650	U	650	1000	1300	ug/Kg
218-01-9	Chrysene	680	U	680	1000	1300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890	U	890	1000	1300	ug/Kg
117-84-0	Di-n-octyl phthalate	960	U	960	2100	2600	ug/Kg
205-99-2	Benzo(b)fluoranthene	620	U	620	1000	1300	ug/Kg
207-08-9	Benzo(k)fluoranthene	690	U	690	1000	1300	ug/Kg
50-32-8	Benzo(a)pyrene	730	U	730	1000	1300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830	U	830	1000	1300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1000	1300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	720	U	720	1000	1300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	700	U	700	1000	1300	ug/Kg
123-91-1	1,4-Dioxane	910	U	910	1000	1300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	640	U	640	1000	1300	ug/Kg
90-12-0	1-Methylnaphthalene	700	U	700	1300	1300	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.438		18-112		44	SPK: -150
13127-88-3	Phenol-d6	62.509		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	38.34		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	29.138		20-109		29	SPK: -100
118-79-6	2,4,6-Tribromophenol	54.912		10-110		37	SPK: -150
1718-51-0	Terphenyl-d14	12.676	*	14-112		13	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209258	6.904				
1146-65-2	Naphthalene-d8	792233	8.175				
15067-26-2	Acenaphthene-d10	311871	9.939				
1517-22-2	Phenanthrene-d10	337929	11.451				
1719-03-5	Chrysene-d12	409766	14.104				
1520-96-3	Perylene-d12	501773	15.651				

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT4196	SDG No.:	BF031124
Lab Sample ID:	P1720-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	92.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137560.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	6000	J			2.222	
017302-28-2	Nonane, 2,6-dimethyl-	2400	J			8.598	
017302-32-8	Nonane, 3,7-dimethyl-	2000	J			8.863	
	unknown9.140	1600	J			9.14	
	unknown9.339	7100	J			9.339	
004575-46-6	Benzene, 1-cyclohexyl-3-methyl-	2200	J			9.569	
000571-58-4	Naphthalene, 1,4-dimethyl-	2800	J			9.592	
	unknown9.639	4700	J			9.639	
007098-21-7	Tritetracontane	7400	J			9.669	
	unknown9.692	1900	J			9.692	
	unknown9.804	6900	J			9.804	
	unknown9.845	7200	J			9.845	
	unknown9.881	4200	J			9.881	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2500	J			10.145	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	5100	J			10.204	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2800	J			10.263	
	unknown10.351	3800	J			10.351	
1000294-91-1	1-(2,2-Dimethylcyclopropyl)-2-phen	3000	J			10.486	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	10600	J			10.616	
1000309-19-5	Sulfurous acid, dodecyl 2-ethylhex	5200	J			10.892	

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471	SDG No.:	BF031124
Lab Sample ID:	P1720-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137561.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.8	U	60.8	210	260	ug/Kg
110-86-1	Pyridine	57	U	57	100	130	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	260	ug/Kg
62-53-3	Aniline	92.1	U	92.1	100	130	ug/Kg
108-95-2	Phenol	58.5	U	58.5	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	70.7	U	70.7	100	130	ug/Kg
95-57-8	2-Chlorophenol	56.7	U	56.7	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	64.3	U	64.3	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	69.6	U	69.6	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.8	U	64.8	100	130	ug/Kg
100-51-6	Benzyl Alcohol	77.7	U	77.7	210	260	ug/Kg
95-48-7	2-Methylphenol	89.7	U	89.7	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82.6	U	82.6	100	130	ug/Kg
98-86-2	Acetophenone	68.2	U	68.2	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	85	U	85	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.4	U	46.4	63	63	ug/Kg
67-72-1	Hexachloroethane	57.9	U	57.9	100	130	ug/Kg
98-95-3	Nitrobenzene	59.2	U	59.2	100	130	ug/Kg
78-59-1	Isophorone	53.6	U	53.6	100	130	ug/Kg
88-75-5	2-Nitrophenol	74.8	U	74.8	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	78.4	U	78.4	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.1	U	88.1	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	61.5	U	61.5	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61	U	61	100	130	ug/Kg
65-85-0	Benzoic acid	170	U	170	210	260	ug/Kg
91-20-3	Naphthalene	64.1	U	64.1	100	130	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	66.1	U	66.1	100	130	ug/Kg
105-60-2	Caprolactam	92.1	U	92.1	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64.9	U	64.9	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	74.7	U	74.7	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471	SDG No.:	BF031124
Lab Sample ID:	P1720-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137561.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	170	U	170	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60.7	U	60.7	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69.2	U	69.2	100	130	ug/Kg
92-52-4	1,1-Biphenyl	71.8	U	71.8	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	66.6	U	66.6	100	130	ug/Kg
88-74-4	2-Nitroaniline	78.1	U	78.1	100	130	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	100	130	ug/Kg
208-96-8	Acenaphthylene	69.6	U	69.6	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	70.8	U	70.8	100	130	ug/Kg
99-09-2	3-Nitroaniline	73.5	U	73.5	100	130	ug/Kg
83-32-9	Acenaphthene	63.2	U	63.2	100	130	ug/Kg
Total PAH	Total PAH	1130.9	U	1130.9	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	210	260	ug/Kg
100-02-7	4-Nitrophenol	89.7	U	89.7	210	260	ug/Kg
132-64-9	Dibenzofuran	60.5	U	60.5	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	149.4	U	149.4	100	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	78.6	U	78.6	100	130	ug/Kg
84-66-2	Diethylphthalate	67.6	U	67.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	71.1	U	71.1	100	130	ug/Kg
86-73-7	Fluorene	66.7	U	66.7	100	130	ug/Kg
100-01-6	4-Nitroaniline	81.8	U	81.8	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69.1	U	69.1	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	73.4	U	73.4	100	130	ug/Kg
103-33-3	Azobenzene	57.8	U	57.8	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	76.6	U	76.6	100	130	ug/Kg
118-74-1	Hexachlorobenzene	77.7	U	77.7	100	130	ug/Kg
1912-24-9	Atrazine	75.1	U	75.1	100	130	ug/Kg
87-86-5	Pentachlorophenol	87.3	U	87.3	210	260	ug/Kg
85-01-8	Phenanthrene	72.9	U	72.9	100	130	ug/Kg
120-12-7	Anthracene	80.3	U	80.3	100	130	ug/Kg
86-74-8	Carbazole	66.8	U	66.8	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	81.8	U	81.8	100	130	ug/Kg
206-44-0	Fluoranthene	74.3	U	74.3	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471	SDG No.:	BF031124
Lab Sample ID:	P1720-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137561.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	150	U	150	210	260	ug/Kg
129-00-0	Pyrene	65.9	U	65.9	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	81.1	U	81.1	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	66	U	66	100	130	ug/Kg
218-01-9	Chrysene	68.3	U	68.3	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.5	U	90.5	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	96.8	U	96.8	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	63.2	U	63.2	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	69.3	U	69.3	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	74.2	U	74.2	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.2	U	84.2	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75.9	U	75.9	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72.8	U	72.8	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70.4	U	70.4	100	130	ug/Kg
123-91-1	1,4-Dioxane	92.1	U	92.1	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65.2	U	65.2	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.149		18-112		61	SPK: -150
13127-88-3	Phenol-d6	87.773		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	58.68		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	59.081		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	83.399		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	43.54		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226422	6.898				
1146-65-2	Naphthalene-d8	897829	8.169				
15067-26-2	Acenaphthene-d10	489117	9.928				
1517-22-2	Phenanthrene-d10	725921	11.427				
1719-03-5	Chrysene-d12	442696	14.092				
1520-96-3	Perylene-d12	467640	15.645				



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

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471	SDG No.:	BF031124
Lab Sample ID:	P1720-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137561.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	560	J			2.281	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	82.4	J			6.192	
000127-91-3	.beta.-Pinene	83.4	J			6.604	
000112-41-4	1-Dodecene	220	J			8.104	
001120-21-4	Undecane	79.2	J			10.592	
062199-50-2	Cyclopentane, 1-butyl-2-propyl-	80.5	J			10.804	
074645-98-0	Dodecane, 2,7,10-trimethyl-	210	J			10.863	
	unknown11.057	60.3	J			11.057	
000630-01-3	Hexacosane	350	J			11.333	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	93.6	J			12.492	
000646-31-1	Tetracosane	180	J			13.951	
000629-94-7	Heneicosane	80.5	J			14.58	
000112-95-8	Eicosane	54.6	J			15.292	

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MS	SDG No.:	BF031124
Lab Sample ID:	P1720-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137562.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.8	210	260	ug/Kg
110-86-1	Pyridine	950		56.9	100	130	ug/Kg
100-52-7	Benzaldehyde	640		120	210	260	ug/Kg
62-53-3	Aniline	560		92	100	130	ug/Kg
108-95-2	Phenol	1100		58.5	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		70.6	100	130	ug/Kg
95-57-8	2-Chlorophenol	1200		56.6	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		64.3	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		69.6	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		64.8	100	130	ug/Kg
100-51-6	Benzyl Alcohol	1300		77.7	210	260	ug/Kg
95-48-7	2-Methylphenol	1000		89.7	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		82.6	100	130	ug/Kg
98-86-2	Acetophenone	1100		68.2	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	1100		84.9	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		46.4	62.9	62.9	ug/Kg
67-72-1	Hexachloroethane	1200		57.9	100	130	ug/Kg
98-95-3	Nitrobenzene	1100		59.1	100	130	ug/Kg
78-59-1	Isophorone	1100		53.6	100	130	ug/Kg
88-75-5	2-Nitrophenol	1300		74.8	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	930		78.3	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		88.1	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		61.4	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		61	100	130	ug/Kg
65-85-0	Benzoic acid	1200		170	210	260	ug/Kg
91-20-3	Naphthalene	1100		64	100	130	ug/Kg
106-47-8	4-Chloroaniline	220		82.6	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		66.1	100	130	ug/Kg
105-60-2	Caprolactam	1200		92	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		64.9	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	1100		74.6	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MS	SDG No.:	BF031124
Lab Sample ID:	P1720-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137562.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2300	E	170	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		60.6	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		69.1	100	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		71.8	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	1200		66.5	100	130	ug/Kg
88-74-4	2-Nitroaniline	1200		78.1	100	130	ug/Kg
131-11-3	Dimethylphthalate	1100		69.9	100	130	ug/Kg
208-96-8	Acenaphthylene	1100		69.5	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		70.8	100	130	ug/Kg
99-09-2	3-Nitroaniline	700		73.5	100	130	ug/Kg
83-32-9	Acenaphthene	1100		63.2	100	130	ug/Kg
Total PAH	Total PAH	16880		1130.3	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	2100		140	210	260	ug/Kg
100-02-7	4-Nitrophenol	2000		89.7	210	260	ug/Kg
132-64-9	Dibenzofuran	1100		60.5	100	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		78.6	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		149.4	100	260	ug/Kg
84-66-2	Diethylphthalate	1100		67.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		71.1	100	130	ug/Kg
86-73-7	Fluorene	1000		66.7	100	130	ug/Kg
100-01-6	4-Nitroaniline	1000		81.8	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		69.1	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		73.4	100	130	ug/Kg
103-33-3	Azobenzene	1000		57.8	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		76.6	100	130	ug/Kg
118-74-1	Hexachlorobenzene	1400		77.7	100	130	ug/Kg
1912-24-9	Atrazine	1300		75	100	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	87.3	210	260	ug/Kg
85-01-8	Phenanthrene	1100		72.9	100	130	ug/Kg
120-12-7	Anthracene	1100		80.2	100	130	ug/Kg
86-74-8	Carbazole	1100		66.8	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		81.8	100	130	ug/Kg
206-44-0	Fluoranthene	1000		74.2	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MS	SDG No.:	BF031124
Lab Sample ID:	P1720-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137562.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100		150	210	260	ug/Kg
129-00-0	Pyrene	950		65.8	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	1300		81	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	710		130	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	1100		66	100	130	ug/Kg
218-01-9	Chrysene	1100		68.3	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.4	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		96.7	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		63.2	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		69.3	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	1100		74.2	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		84.2	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		75.9	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880		72.7	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		70.3	100	130	ug/Kg
123-91-1	1,4-Dioxane	980		92	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		65.2	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	1000		70.9	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.481		18-112		52	SPK: -150
13127-88-3	Phenol-d6	73.824		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	50.686		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	51.017		20-109		51	SPK: -100
118-79-6	2,4,6-Tribromophenol	73.311		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	39.177		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230114	6.904				
1146-65-2	Naphthalene-d8	904212	8.175				
15067-26-2	Acenaphthene-d10	475861	9.934				
1517-22-2	Phenanthrene-d10	664191	11.433				
1719-03-5	Chrysene-d12	399730	14.098				
1520-96-3	Perylene-d12	452418	15.645				



Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MS	SDG No.:	BF031124
Lab Sample ID:	P1720-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137562.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MSD	SDG No.:	BF031124
Lab Sample ID:	P1720-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137563.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.8	210	260	ug/Kg
110-86-1	Pyridine	930		57	100	130	ug/Kg
100-52-7	Benzaldehyde	650		120	210	260	ug/Kg
62-53-3	Aniline	530		92.1	100	130	ug/Kg
108-95-2	Phenol	1100		58.5	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		70.7	100	130	ug/Kg
95-57-8	2-Chlorophenol	1200		56.6	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		64.3	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		69.6	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		64.8	100	130	ug/Kg
100-51-6	Benzyl Alcohol	1300		77.7	210	260	ug/Kg
95-48-7	2-Methylphenol	1000		89.7	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		82.6	100	130	ug/Kg
98-86-2	Acetophenone	1100		68.2	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		85	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		46.4	62.9	62.9	ug/Kg
67-72-1	Hexachloroethane	1200		57.9	100	130	ug/Kg
98-95-3	Nitrobenzene	1100		59.2	100	130	ug/Kg
78-59-1	Isophorone	1100		53.6	100	130	ug/Kg
88-75-5	2-Nitrophenol	1300		74.8	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	920		78.4	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		88.1	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		61.4	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		61	100	130	ug/Kg
65-85-0	Benzoic acid	1200		170	210	260	ug/Kg
91-20-3	Naphthalene	1100		64	100	130	ug/Kg
106-47-8	4-Chloroaniline	200		82.6	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		66.1	100	130	ug/Kg
105-60-2	Caprolactam	1100		92.1	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		64.9	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		74.7	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MSD	SDG No.:	BF031124
Lab Sample ID:	P1720-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137563.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2100	E	170	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		60.7	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		69.2	100	130	ug/Kg
92-52-4	1,1-Biphenyl	1200		71.8	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	1200		66.6	100	130	ug/Kg
88-74-4	2-Nitroaniline	1200		78.1	100	130	ug/Kg
131-11-3	Dimethylphthalate	1100		69.9	100	130	ug/Kg
208-96-8	Acenaphthylene	1100		69.6	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		70.8	100	130	ug/Kg
99-09-2	3-Nitroaniline	670		73.5	100	130	ug/Kg
83-32-9	Acenaphthene	1000		63.2	100	130	ug/Kg
Total PAH	Total PAH	16560		1130.8	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		140	210	260	ug/Kg
100-02-7	4-Nitrophenol	1800		89.7	210	260	ug/Kg
132-64-9	Dibenzofuran	1000		60.5	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		149.4	100	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		78.6	100	130	ug/Kg
84-66-2	Diethylphthalate	1100		67.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		71.1	100	130	ug/Kg
86-73-7	Fluorene	970		66.7	100	130	ug/Kg
100-01-6	4-Nitroaniline	920		81.8	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		69.1	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		73.4	100	130	ug/Kg
103-33-3	Azobenzene	1000		57.8	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		76.6	100	130	ug/Kg
118-74-1	Hexachlorobenzene	1300		77.7	100	130	ug/Kg
1912-24-9	Atrazine	1300		75.1	100	130	ug/Kg
87-86-5	Pentachlorophenol	2100	E	87.3	210	260	ug/Kg
85-01-8	Phenanthrene	1100		72.9	100	130	ug/Kg
120-12-7	Anthracene	1100		80.3	100	130	ug/Kg
86-74-8	Carbazole	1000		66.8	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	1100		81.8	100	130	ug/Kg
206-44-0	Fluoranthene	1000		74.3	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MSD	SDG No.:	BF031124
Lab Sample ID:	P1720-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137563.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1200		150	210	260	ug/Kg
129-00-0	Pyrene	880		65.9	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	1300		81	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		130	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	1100		66	100	130	ug/Kg
218-01-9	Chrysene	1100		68.3	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.5	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		96.8	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		63.2	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		69.3	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	1100		74.2	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		84.2	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		75.9	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		72.8	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		70.3	100	130	ug/Kg
123-91-1	1,4-Dioxane	960		92.1	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		65.2	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	1000		71	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.189		18-112		50	SPK: -150
13127-88-3	Phenol-d6	71.924		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	50.313		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	51.548		20-109		52	SPK: -100
118-79-6	2,4,6-Tribromophenol	69.294		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	36.272		14-112		36	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236019	6.898				
1146-65-2	Naphthalene-d8	922095	8.175				
15067-26-2	Acenaphthene-d10	466788	9.933				
1517-22-2	Phenanthrene-d10	612147	11.427				
1719-03-5	Chrysene-d12	397873	14.092				
1520-96-3	Perylene-d12	437869	15.645				



Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	RT3471MSD	SDG No.:	BF031124
Lab Sample ID:	P1720-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.8
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137563.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	MG-COMP	SDG No.:	BF031124
Lab Sample ID:	P1722-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137564.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.3	U	46.3	160	200	ug/Kg
110-86-1	Pyridine	43.4	U	43.4	77.9	100	ug/Kg
100-52-7	Benzaldehyde	88.7	U	88.7	160	200	ug/Kg
62-53-3	Aniline	70.1	U	70.1	77.9	100	ug/Kg
108-95-2	Phenol	44.6	U	44.6	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.8	U	53.8	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	43.1	U	43.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	49	U	49	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	53	U	53	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	49.4	U	49.4	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	59.2	U	59.2	160	200	ug/Kg
95-48-7	2-Methylphenol	68.3	U	68.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.9	U	62.9	77.9	100	ug/Kg
98-86-2	Acetophenone	51.9	U	51.9	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	64.7	U	64.7	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	35.4	U	35.4	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	44.1	U	44.1	77.9	100	ug/Kg
98-95-3	Nitrobenzene	45.1	U	45.1	77.9	100	ug/Kg
78-59-1	Isophorone	40.8	U	40.8	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	59.7	U	59.7	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	67.1	U	67.1	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.8	U	46.8	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	46.4	U	46.4	77.9	100	ug/Kg
65-85-0	Benzoic acid	130	U	130	160	200	ug/Kg
91-20-3	Naphthalene	48.8	U	48.8	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	62.9	U	62.9	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	50.3	U	50.3	77.9	100	ug/Kg
105-60-2	Caprolactam	70.1	U	70.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.4	U	49.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	56.9	U	56.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	MG-COMP	SDG No.:	BF031124
Lab Sample ID:	P1722-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137564.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	U	130	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.2	U	46.2	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.7	U	52.7	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	54.7	U	54.7	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	50.7	U	50.7	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	59.5	U	59.5	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	77.9	100	ug/Kg
208-96-8	Acenaphthylene	53	U	53	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.9	U	53.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.1	U	48.1	77.9	100	ug/Kg
Total PAH	Total PAH	861	U	861	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	160	200	ug/Kg
100-02-7	4-Nitrophenol	68.3	U	68.3	160	200	ug/Kg
132-64-9	Dibenzofuran	46.1	U	46.1	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.9	U	59.9	77.9	100	ug/Kg
84-66-2	Diethylphthalate	51.5	U	51.5	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	77.9	100	ug/Kg
86-73-7	Fluorene	50.8	U	50.8	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	62.3	U	62.3	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52.6	U	52.6	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.9	U	55.9	77.9	100	ug/Kg
103-33-3	Azobenzene	44	U	44	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.4	U	58.4	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	59.2	U	59.2	77.9	100	ug/Kg
1912-24-9	Atrazine	57.2	U	57.2	77.9	100	ug/Kg
87-86-5	Pentachlorophenol	66.5	U	66.5	160	200	ug/Kg
85-01-8	Phenanthrene	55.5	U	55.5	77.9	100	ug/Kg
120-12-7	Anthracene	61.1	U	61.1	77.9	100	ug/Kg
86-74-8	Carbazole	50.9	U	50.9	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	62.3	U	62.3	77.9	100	ug/Kg
206-44-0	Fluoranthene	56.6	U	56.6	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	MG-COMP	SDG No.:	BF031124
Lab Sample ID:	P1722-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137564.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	160	200	ug/Kg
129-00-0	Pyrene	50.1	U	50.1	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	61.7	U	61.7	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96.5	U	96.5	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	50.3	U	50.3	77.9	100	ug/Kg
218-01-9	Chrysene	52	U	52	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		68.9	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	73.7	U	73.7	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.1	U	48.1	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.8	U	52.8	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	56.5	U	56.5	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64.1	U	64.1	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.8	U	57.8	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.4	U	55.4	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.6	U	53.6	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	70.1	U	70.1	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.7	U	49.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.273		18-112		44	SPK: -150
13127-88-3	Phenol-d6	68.739		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	50.793		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	55.631		20-109		56	SPK: -100
118-79-6	2,4,6-Tribromophenol	47.861		10-110		32	SPK: -150
1718-51-0	Terphenyl-d14	39.66		14-112		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216566	6.898				
1146-65-2	Naphthalene-d8	845512	8.169				
15067-26-2	Acenaphthene-d10	429767	9.928				
1517-22-2	Phenanthrene-d10	565549	11.422				
1719-03-5	Chrysene-d12	398498	14.086				
1520-96-3	Perylene-d12	398698	15.639				



Report of Analysis

Client:		Date Collected:	3/8/2024 12:00:00 AM
Project:		Date Received:	3/8/2024 12:00:00 AM
Client Sample ID:	MG-COMP	SDG No.:	BF031124
Lab Sample ID:	P1722-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137564.D	1	3/11/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159533

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

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	TR-04-030724	SDG No.:	BF031124
Lab Sample ID:	P1710-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137565.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.9	U	53.9	190	230	ug/Kg
110-86-1	Pyridine	50.4	U	50.4	90.6	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	81.5	U	81.5	90.6	120	ug/Kg
108-95-2	Phenol	51.8	U	51.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.6	U	62.6	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	50.2	U	50.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.7	U	61.7	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.4	U	57.4	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	68.8	U	68.8	190	230	ug/Kg
95-48-7	2-Methylphenol	79.4	U	79.4	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73.2	U	73.2	90.6	120	ug/Kg
98-86-2	Acetophenone	60.4	U	60.4	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	75.2	U	75.2	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.1	U	41.1	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	51.3	U	51.3	90.6	120	ug/Kg
98-95-3	Nitrobenzene	52.4	U	52.4	90.6	120	ug/Kg
78-59-1	Isophorone	47.4	U	47.4	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	66.3	U	66.3	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.4	U	69.4	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	78	U	78	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.4	U	54.4	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54	U	54	90.6	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56.7	U	56.7	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	73.2	U	73.2	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.5	U	58.5	90.6	120	ug/Kg
105-60-2	Caprolactam	81.5	U	81.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.5	U	57.5	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	66.1	U	66.1	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	TR-04-030724	SDG No.:	BF031124
Lab Sample ID:	P1710-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137565.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.7	U	53.7	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.2	U	61.2	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	63.6	U	63.6	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.9	U	58.9	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	69.2	U	69.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	61.9	U	61.9	90.6	120	ug/Kg
208-96-8	Acenaphthylene	61.6	U	61.6	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.7	U	62.7	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	65.1	U	65.1	90.6	120	ug/Kg
83-32-9	Acenaphthene	55.9	U	55.9	90.6	120	ug/Kg
Total PAH	Total PAH	1001.2	U	1001.2	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.4	U	79.4	190	230	ug/Kg
132-64-9	Dibenzofuran	53.6	U	53.6	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	32.3	U	132.3	90.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	69.6	U	69.6	90.6	120	ug/Kg
84-66-2	Diethylphthalate	59.8	U	59.8	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	90.6	120	ug/Kg
86-73-7	Fluorene	59.1	U	59.1	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	72.5	U	72.5	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61.2	U	61.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	65	U	65	90.6	120	ug/Kg
103-33-3	Azobenzene	51.2	U	51.2	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.9	U	67.9	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	68.8	U	68.8	90.6	120	ug/Kg
1912-24-9	Atrazine	66.5	U	66.5	90.6	120	ug/Kg
87-86-5	Pentachlorophenol	77.3	U	77.3	190	230	ug/Kg
85-01-8	Phenanthrene	64.6	U	64.6	90.6	120	ug/Kg
120-12-7	Anthracene	71.1	U	71.1	90.6	120	ug/Kg
86-74-8	Carbazole	59.1	U	59.1	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	72.5	U	72.5	90.6	120	ug/Kg
206-44-0	Fluoranthene	65.8	U	65.8	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	TR-04-030724	SDG No.:	BF031124
Lab Sample ID:	P1710-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137565.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	58.3	U	58.3	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.8	U	71.8	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	58.5	U	58.5	90.6	120	ug/Kg
218-01-9	Chrysene	60.5	U	60.5	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.1	U	80.1	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	85.7	U	85.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.9	U	55.9	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.4	U	61.4	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.7	U	65.7	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.5	U	74.5	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.2	U	67.2	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.4	U	64.4	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.3	U	62.3	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	81.5	U	81.5	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.8	U	57.8	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	62.8	U	62.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.323		18-112		57	SPK: -150
13127-88-3	Phenol-d6	80.646		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	58.288		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	59.343		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	75.089		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	40.214		14-112		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236682	6.898				
1146-65-2	Naphthalene-d8	912779	8.169				
15067-26-2	Acenaphthene-d10	470105	9.928				
1517-22-2	Phenanthrene-d10	648440	11.422				
1719-03-5	Chrysene-d12	463202	14.086				
1520-96-3	Perylene-d12	435449	15.639				

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	TR-04-030724	SDG No.:	BF031124
Lab Sample ID:	P1710-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137565.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	590	J			2.252	
000629-92-5	Nonadecane	60.4	J			10.845	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	64.1	J			11.827	
000057-10-3	n-Hexadecanoic acid	77.6	J			11.969	
002566-97-4	9,12-Octadecadienoic acid, methyl	220	J			12.522	
052380-33-3	11-Octadecenoic acid, methyl ester	110	J			12.545	
000295-65-8	Cyclohexadecane	99.4	J			13.945	

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-1-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137566.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	85.2	U	85.2	300	360	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	82	U	82	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.9	U	98.9	140	190	ug/Kg
95-57-8	2-Chlorophenol	79.3	U	79.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	90	U	90	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.5	U	97.5	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.8	U	90.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	360	ug/Kg
95-48-7	2-Methylphenol	130	U	130	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	140	190	ug/Kg
98-86-2	Acetophenone	95.5	U	95.5	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65	U	65	88.1	88.1	ug/Kg
67-72-1	Hexachloroethane	81.1	U	81.1	140	190	ug/Kg
98-95-3	Nitrobenzene	82.9	U	82.9	140	190	ug/Kg
78-59-1	Isophorone	75	U	75	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.1	U	86.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	140	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	360	ug/Kg
91-20-3	Naphthalene	89.7	U	89.7	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.6	U	92.6	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.9	U	90.9	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-1-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137566.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.9	U	84.9	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.8	U	96.8	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.2	U	93.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	140	190	ug/Kg
208-96-8	Acenaphthylene	97.4	U	97.4	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.2	U	99.2	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	88.5	U	88.5	140	190	ug/Kg
Total PAH	Total PAH	2120	U	1574.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	84.7	U	84.7	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	209.2	U	209.2	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
84-66-2	Diethylphthalate	94.6	U	94.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.6	U	99.6	140	190	ug/Kg
86-73-7	Fluorene	93.4	U	93.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96.7	U	96.7	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	81	U	81	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	110	U	110	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	360	ug/Kg
85-01-8	Phenanthrene	200		100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	93.5	U	93.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	440		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-1-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137566.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	360	ug/Kg
129-00-0	Pyrene	300		92.2	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	240		92.4	140	190	ug/Kg
218-01-9	Chrysene	200		95.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		88.5	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	97.1	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	220		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.5	U	98.5	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.3	U	91.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	99.4	U	99.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.537		18-112		56	SPK: -150
13127-88-3	Phenol-d6	79.09		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	57.376		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	61.738		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	70.978		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	42.568		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221877	6.904				
1146-65-2	Naphthalene-d8	842269	8.175				
15067-26-2	Acenaphthene-d10	416923	9.927				
1517-22-2	Phenanthrene-d10	564163	11.427				
1719-03-5	Chrysene-d12	422779	14.092				
1520-96-3	Perylene-d12	358260	15.645				

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-1-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137566.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.263	
000112-40-3	Dodecane	200	J			10.851	
013187-99-0	2-Bromo dodecane	85.6	J			11.327	
013360-61-7	1-Pentadecene	110	J			11.669	
000057-10-3	n-Hexadecanoic acid	130	J			11.974	
000142-91-6	Isopropyl palmitate	110	J			12.221	
	unknown12.527	110	J			12.527	
1000351-83-4	Tricosyl heptafluorobutyrate	140	J			13.951	
029789-67-1	3,7,11-Trimethyl-2,6,10-dodecatric	97	J			14.998	
000205-82-3	Benzo[j]fluoranthene	92.6	J			15.292	
000192-97-2	Benzo[e]pyrene	190	J			15.509	

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-2-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137567.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	84.7	U	84.7	300	360	ug/Kg
110-86-1	Pyridine	79.3	U	79.3	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	81.5	U	81.5	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.4	U	98.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	78.9	U	78.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.5	U	89.5	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.9	U	96.9	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.3	U	90.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	360	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	140	190	ug/Kg
98-86-2	Acetophenone	95	U	95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	64.6	U	64.6	87.6	87.6	ug/Kg
67-72-1	Hexachloroethane	80.6	U	80.6	140	190	ug/Kg
98-95-3	Nitrobenzene	82.4	U	82.4	140	190	ug/Kg
78-59-1	Isophorone	74.6	U	74.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.6	U	85.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	84.9	U	84.9	140	190	ug/Kg
65-85-0	Benzoic acid	230	U	230	300	360	ug/Kg
91-20-3	Naphthalene	89.2	U	89.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92	U	92	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.4	U	90.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-2-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137567.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.5	U	84.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	97.4	U	97.4	140	190	ug/Kg
208-96-8	Acenaphthylene	96.8	U	96.8	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.6	U	98.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	88	U	88	140	190	ug/Kg
Total PAH	Total PAH	1570.1	U	1570.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	300	360	ug/Kg
132-64-9	Dibenzofuran	84.2	U	84.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	208.6	U	208.6	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
84-66-2	Diethylphthalate	94.1	U	94.1	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99	U	99	140	190	ug/Kg
86-73-7	Fluorene	92.9	U	92.9	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96.2	U	96.2	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	80.5	U	80.5	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	360	ug/Kg
85-01-8	Phenanthrene	180	J	100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	93	U	93	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	250		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-2-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137567.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	360	ug/Kg
129-00-0	Pyrene	170	J	91.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	91.9	140	190	ug/Kg
218-01-9	Chrysene	110	J	95.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	88	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.5	U	96.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.9	U	97.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.8	U	90.8	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	98.8	U	98.8	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.623		18-112		57	SPK: -150
13127-88-3	Phenol-d6	80.114		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	56.179		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	62.935		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	69.329		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	41.455		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222176	6.904				
1146-65-2	Naphthalene-d8	838941	8.169				
15067-26-2	Acenaphthene-d10	394470	9.927				
1517-22-2	Phenanthrene-d10	534915	11.427				
1719-03-5	Chrysene-d12	426941	14.092				
1520-96-3	Perylene-d12	345132	15.645				

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-2-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137567.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.257	
019218-94-1	Tetradecane, 1-iodo-	78.1	J			9.333	
000629-62-9	Pentadecane	77.4	J			9.869	
	unknown10.033	79.2	J			10.033	
000544-76-3	Hexadecane	80.7	J			10.369	
017453-94-0	Undecane, 5-ethyl-	87.3	J			10.592	
000629-78-7	Heptadecane	240	J			10.845	
000629-92-5	Nonadecane	77	J			11.298	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	96.4	J			11.327	
034303-81-6	3-Hexadecene, (Z)-	77.8	J			11.674	
000057-10-3	n-Hexadecanoic acid	130	J			11.974	
000629-59-4	Tetradecane	75.2	J			12.533	
010192-32-2	1-Tetracosene	140	J			13.951	
007683-64-9	Supraene	120	J			14.998	

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-3-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137568.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	84.7	U	84.7	300	360	ug/Kg
110-86-1	Pyridine	79.4	U	79.4	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	81.6	U	81.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.4	U	98.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	78.9	U	78.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97	U	97	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.3	U	90.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	360	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	140	190	ug/Kg
98-86-2	Acetophenone	95	U	95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	64.7	U	64.7	87.7	87.7	ug/Kg
67-72-1	Hexachloroethane	80.7	U	80.7	140	190	ug/Kg
98-95-3	Nitrobenzene	82.4	U	82.4	140	190	ug/Kg
78-59-1	Isophorone	74.6	U	74.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.6	U	85.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	84.9	U	84.9	140	190	ug/Kg
65-85-0	Benzoic acid	230	U	230	300	360	ug/Kg
91-20-3	Naphthalene	89.2	U	89.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.1	U	92.1	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.4	U	90.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-3-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137568.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.5	U	84.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	97.4	U	97.4	140	190	ug/Kg
208-96-8	Acenaphthylene	96.9	U	96.9	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.7	U	98.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	88	U	88	140	190	ug/Kg
Total PAH	Total PAH	1570.5	U	1570.5	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	300	360	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	208.7	U	208.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
84-66-2	Diethylphthalate	94.2	U	94.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.1	U	99.1	140	190	ug/Kg
86-73-7	Fluorene	93	U	93	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96.2	U	96.2	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	80.6	U	80.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	360	ug/Kg
85-01-8	Phenanthrene	100	U	100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	93.1	U	93.1	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	190		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-3-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137568.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	360	ug/Kg
129-00-0	Pyrene	140	J	91.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	94	J	92	140	190	ug/Kg
218-01-9	Chrysene	95.1	U	95.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	88	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.6	U	96.6	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98	U	98	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.9	U	90.9	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	98.9	U	98.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.249		18-112		57	SPK: -150
13127-88-3	Phenol-d6	78.777		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	58.623		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	64.237		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.746		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	42.935		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216995	6.904				
1146-65-2	Naphthalene-d8	797037	8.175				
15067-26-2	Acenaphthene-d10	368901	9.927				
1517-22-2	Phenanthrene-d10	528449	11.427				
1719-03-5	Chrysene-d12	411981	14.092				
1520-96-3	Perylene-d12	332886	15.645				



Report of Analysis

Client:		Date Collected:	3/7/2024 12:00:00 AM
Project:		Date Received:	3/7/2024 12:00:00 AM
Client Sample ID:	RCA-3-COMP	SDG No.:	BF031124
Lab Sample ID:	P1701-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137568.D	1	3/8/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J			2.251	
000629-92-5	Nonadecane	170	J			10.845	
000506-12-7	Heptadecanoic acid	110	J			11.969	
002004-39-9	1-Heptacosanol	120	J			13.951	

Hit Summary Sheet

SW-846

SDG No.: BF031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : RCA-1-COMP								
P1701-01	RCA-1-COMP	Solid	1-Pentadecene	*	110.000	J		
P1701-01	RCA-1-COMP	Solid	2-Bromo dodecane	*	85.600	J		
P1701-01	RCA-1-COMP	Solid	3,7,11-Trimethyl-2,6,10-dodecatri	*	97.000	J		
P1701-01	RCA-1-COMP	Solid	Benzo[e]pyrene	*	190.000	J		
P1701-01	RCA-1-COMP	Solid	Benzo[j]fluoranthene	*	92.600	J		
P1701-01	RCA-1-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P1701-01	RCA-1-COMP	Solid	Dodecane	*	200.000	J		
P1701-01	RCA-1-COMP	Solid	Isopropyl palmitate	*	110.000	J		
P1701-01	RCA-1-COMP	Solid	n-Hexadecanoic acid	*	130.000	J		
P1701-01	RCA-1-COMP	Solid	Tricosyl heptafluorobutyrate	*	140.000	J		
P1701-01	RCA-1-COMP	Solid	unknown12.527	*	110.000	J		
Total Tics :					2,265.20			
P1701-01	RCA-1-COMP	Solid	Benzo(a)anthracene		240.000	92.4	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Benzo(a)pyrene		220.000	100	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Benzo(b)fluoranthene		300.000	88.5	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Benzo(g,h,i)perylene		110.000	J 100	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Benzo(k)fluoranthene		110.000	J 97.1	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Chrysene		200.000	95.6	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Fluoranthene		440.000	100	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Phenanthrene		200.000	100	190	ug/Kg
P1701-01	RCA-1-COMP	Solid	Pyrene		300.000	92.2	190	ug/Kg
Total Svoc :					2,120.00			
Total Concentration:					4,385.20			
Client ID : RCA-2-COMP								
P1701-02	RCA-2-COMP	Solid	1-Tetracosene	*	140.000	J		
P1701-02	RCA-2-COMP	Solid	3-Hexadecene, (Z)-	*	77.800	J		
P1701-02	RCA-2-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P1701-02	RCA-2-COMP	Solid	Heptadecane	*	240.000	J		
P1701-02	RCA-2-COMP	Solid	Heptadecane, 2,6,10,15-tetrameth	*	96.400	J		
P1701-02	RCA-2-COMP	Solid	Hexadecane	*	80.700	J		
P1701-02	RCA-2-COMP	Solid	n-Hexadecanoic acid	*	130.000	J		
P1701-02	RCA-2-COMP	Solid	Nonadecane	*	77.000	J		
P1701-02	RCA-2-COMP	Solid	Pentadecane	*	77.400	J		
P1701-02	RCA-2-COMP	Solid	Supraene	*	120.000	J		
P1701-02	RCA-2-COMP	Solid	Tetradecane	*	75.200	J		
P1701-02	RCA-2-COMP	Solid	Tetradecane, 1-iodo-	*	78.100	J		
P1701-02	RCA-2-COMP	Solid	Undecane, 5-ethyl-	*	87.300	J		
P1701-02	RCA-2-COMP	Solid	unknown10.033	*	79.200	J		
Total Tics :					2,359.10			

Hit Summary Sheet SW-846

SDG No.: BF031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P1701-02	RCA-2-COMP	Solid	Benzo(a)anthracene	120.000	J	91.9	190	ug/Kg	
P1701-02	RCA-2-COMP	Solid	Benzo(a)pyrene	110.000	J	100	190	ug/Kg	
P1701-02	RCA-2-COMP	Solid	Benzo(b)fluoranthene	160.000	J	88	190	ug/Kg	
P1701-02	RCA-2-COMP	Solid	Chrysene	110.000	J	95.1	190	ug/Kg	
P1701-02	RCA-2-COMP	Solid	Fluoranthene	250.000		100	190	ug/Kg	
P1701-02	RCA-2-COMP	Solid	Phenanthrene	180.000	J	100	190	ug/Kg	
P1701-02	RCA-2-COMP	Solid	Pyrene	170.000	J	91.7	190	ug/Kg	
Total Svoc :				1,100.00					
Total Concentration:				3,459.10					
Client ID : RCA-3-COMP									
P1701-03	RCA-3-COMP	Solid	1-Heptacosanol	*	120.000	J			
P1701-03	RCA-3-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	900.000	J			
P1701-03	RCA-3-COMP	Solid	Heptadecanoic acid	*	110.000	J			
P1701-03	RCA-3-COMP	Solid	Nonadecane	*	170.000	J			
Total Tics :				1,300.00					
P1701-03	RCA-3-COMP	Solid	Benzo(a)anthracene		94.000	J	92	190	ug/Kg
P1701-03	RCA-3-COMP	Solid	Benzo(b)fluoranthene		140.000	J	88	190	ug/Kg
P1701-03	RCA-3-COMP	Solid	Fluoranthene		190.000		100	190	ug/Kg
P1701-03	RCA-3-COMP	Solid	Pyrene		140.000	J	91.7	190	ug/Kg
Total Svoc :				564.00					
Total Concentration:				1,864.00					
Client ID : TR-04-030724									
P1710-01	TR-04-030724	Solid	11-Octadecenoic acid, methyl este	*	110.000	J			
P1710-01	TR-04-030724	Solid	9,12-Octadecadienoic acid, methy	*	220.000	J			
P1710-01	TR-04-030724	Solid	Butane, 2-methoxy-2-methyl-	*	590.000	J			
P1710-01	TR-04-030724	Solid	Cyclohexadecane	*	99.400	J			
P1710-01	TR-04-030724	Solid	n-Hexadecanoic acid	*	77.600	J			
P1710-01	TR-04-030724	Solid	Nonadecane	*	60.400	J			
P1710-01	TR-04-030724	Solid	Pentadecanoic acid, 14-methyl-, n	*	64.100	J			
Total Tics :				1,221.50					
Total Concentration:				1,221.50					
Client ID : SP-303-20240307									
P1716-03	SP-303-20240307	Water	Butane, 2-methoxy-2-methyl-	*	66.600	J			
Total Tics :				66.60					
Total Concentration:				66.60					
Client ID : RT4196									
P1720-01	RT4196	Solid	1-(2,2-Dimethylcyclopropyl)-2-ph	*	3,000.000	J			
P1720-01	RT4196	Solid	Benzene, 1-cyclohexyl-3-methyl-	*	2,200.000	J			
P1720-01	RT4196	Solid	Butane, 2-methoxy-2-methyl-	*	6,000.000	J			
P1720-01	RT4196	Solid	Carbonic acid, eicosyl vinyl ester	*	5,100.000	J			
P1720-01	RT4196	Solid	Naphthalene, 1,4-dimethyl-	*	2,800.000	J			

Hit Summary Sheet SW-846

SDG No.: BF031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1720-01	RT4196	Solid	Naphthalene, 1,6,7-trimethyl-	*	2,800.000	J		
P1720-01	RT4196	Solid	Naphthalene, 2,3,6-trimethyl-	*	2,500.000	J		
P1720-01	RT4196	Solid	Nonane, 2,6-dimethyl-	*	2,400.000	J		
P1720-01	RT4196	Solid	Nonane, 3,7-dimethyl-	*	2,000.000	J		
P1720-01	RT4196	Solid	Pentadecane, 2,6,10-trimethyl-	*	10,600.000	J		
P1720-01	RT4196	Solid	Sulfurous acid, dodecyl 2-ethylhe:	*	5,200.000	J		
P1720-01	RT4196	Solid	Tritetracontane	*	7,400.000	J		
P1720-01	RT4196	Solid	unknown10.351	*	3,800.000	J		
P1720-01	RT4196	Solid	unknown9.140	*	1,600.000	J		
P1720-01	RT4196	Solid	unknown9.339	*	7,100.000	J		
P1720-01	RT4196	Solid	unknown9.639	*	4,700.000	J		
P1720-01	RT4196	Solid	unknown9.692	*	1,900.000	J		
P1720-01	RT4196	Solid	unknown9.804	*	6,900.000	J		
P1720-01	RT4196	Solid	unknown9.845	*	7,200.000	J		
P1720-01	RT4196	Solid	unknown9.881	*	4,200.000	J		

Total Tics : 89,400.00

Total Concentration: 89,400.00

Client ID : RT3471

P1720-03	RT3471	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1 *	82.400	J			
P1720-03	RT3471	Solid	.beta.-Pinene	*	83.400	J		
P1720-03	RT3471	Solid	1-Dodecene	*	220.000	J		
P1720-03	RT3471	Solid	Butane, 2-methoxy-2-methyl-	*	560.000	J		
P1720-03	RT3471	Solid	Cyclopentane, 1-butyl-2-propyl-	*	80.500	J		
P1720-03	RT3471	Solid	Dodecane, 2,7,10-trimethyl-	*	210.000	J		
P1720-03	RT3471	Solid	Eicosane	*	54.600	J		
P1720-03	RT3471	Solid	Heneicosane	*	80.500	J		
P1720-03	RT3471	Solid	Hexacosane	*	350.000	J		
P1720-03	RT3471	Solid	Hexadecane, 2,6,10,14-tetramethy *	93.600	J			
P1720-03	RT3471	Solid	Tetracosane	*	180.000	J		
P1720-03	RT3471	Solid	Undecane	*	79.200	J		
P1720-03	RT3471	Solid	unknown11.057	*	60.300	J		

Total Tics : 2,134.50

Total Concentration: 2,134.50

Client ID : MG-COMP

P1722-01	MG-COMP	Solid	Bis(2-ethylhexyl)phthalate	290.000	68.9		100	ug/Kg
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Total Svoc : 290.00

Total Concentration: 290.00



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID: _____

Calibration Date(s): 2/29/2024 : _____

Calibration Time(s): 12:44 : _____

LAB FILE ID:		RRF2.5 = BF137439.D		RRF005 = BF137440.D		RRF010 = BF137441.D		
		RRF020 = BF137442.D		RRF040 = BF137443.D		RRF050 = BF137444.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.425	0.628	0.700	0.710	0.652	17.9
Pyridine		1.361	1.529	1.895	1.910	1.832	1.741	12.2
2-Fluorophenol		1.221	1.350	1.475	1.380	1.318	1.321	7.1
Benzaldehyde		0.824	0.936	1.041	1.001	0.950	0.934	8.1
Aniline		2.090	2.322	2.553	2.462	2.343	2.329	6.8
Phenol-d6		1.987	2.007	2.095	1.924	1.832	1.906	7.4
Phenol		2.046	2.142	2.271	2.125	2.004	2.052	7.5
bis(2-Chloroethyl)ether		1.600	1.380	1.546	1.577	1.523	1.503	5.4
2-Chlorophenol		1.432	1.462	1.537	1.417	1.354	1.393	7.4
1,2-Dichlorobenzene		1.533	1.522	1.553	1.399	1.334	1.398	10.6
1,3-Dichlorobenzene		1.559	1.559	1.620	1.505	1.437	1.488	6.9
1,4-Dichlorobenzene		1.659	1.572	1.670	1.544	1.449	1.523	8.2
Benzyl Alcohol		1.046	1.221	1.364	1.272	1.190	1.187	9.6
2-Methylphenol		1.299	1.348	1.410	1.325	1.277	1.303	5.3
2,2-oxybis(1-Chloropropane)		2.765	2.745	2.815	2.596	2.486	2.584	8.1
Acetophenone		0.508	0.525	0.540	0.480	0.467	0.484	9.2
3+4-Methylphenols		1.518	1.665	1.745	1.509	1.408	1.493	11.8
n-Nitroso-di-n-propylamine	1.240	1.246	1.252	1.290	1.161	1.097	1.177	7.9
Nitrobenzene-d5		0.418	0.437	0.471	0.441	0.427	0.430	5.4
Hexachloroethane		0.497	0.502	0.546	0.513	0.493	0.501	5.1
Nitrobenzene		0.406	0.434	0.465	0.440	0.439	0.432	4.7
Isophorone		0.816	0.831	0.862	0.820	0.807	0.818	3.3
2-Nitrophenol		0.140	0.162	0.182	0.178	0.183	0.172	9.2
2,4-Dimethylphenol		0.312	0.330	0.351	0.327	0.319	0.321	5.7
bis(2-Chloroethoxy)methane		0.465	0.498	0.522	0.488	0.476	0.480	5.5
2,4-Dichlorophenol		0.279	0.296	0.322	0.302	0.297	0.294	5.4
1,2,4-Trichlorobenzene		0.323	0.326	0.332	0.310	0.302	0.310	6.3
Benzoic acid			0.123	0.141	0.165	0.182	0.167	17.9
Naphthalene		1.163	1.163	1.192	1.058	1.028	1.073	9.7
4-Chloroaniline		0.369	0.430	0.467	0.444	0.430	0.421	8.4
Hexachlorobutadiene		0.191	0.191	0.195	0.184	0.177	0.183	5.7
Caprolactam		0.095	0.096	0.104	0.102	0.102	0.100	3.8
4-Chloro-3-methylphenol		0.328	0.335	0.354	0.336	0.325	0.329	4.6
2-Methylnaphthalene		0.732	0.748	0.760	0.684	0.654	0.684	9.8
Hexachlorocyclopentadiene			0.084	0.141	0.190	0.211	0.180	31.6
2,4,6-Trichlorophenol		0.355	0.355	0.387	0.375	0.364	0.364	3.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID:

Calibration Date(s): 2/29/2024

Calibration Time(s): 12:44

LAB FILE ID:		RRF2.5 = BF137439.D		RRF005 = BF137440.D		RRF010 = BF137441.D		
		RRF020 = BF137442.D		RRF040 = BF137443.D		RRF050 = BF137444.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.467	1.412	1.240	1.157	1.278	14.5
2,4,5-Trichlorophenol		0.413	0.398	0.464	0.428	0.417	0.419	5.5
1,1-Biphenyl		1.595	1.586	1.619	1.465	1.379	1.464	9.8
2-Chloronaphthalene		1.192	1.170	1.217	1.122	1.067	1.116	7.4
2-Nitroaniline		0.289	0.345	0.399	0.402	0.411	0.379	12.1
Dimethylphthalate		1.476	1.481	1.498	1.378	1.327	1.392	6.8
Acenaphthylene		1.993	1.932	1.981	1.798	1.679	1.786	11.0
2,6-Dinitrotoluene		0.270	0.283	0.315	0.300	0.292	0.291	5.1
3-Nitroaniline		0.269	0.291	0.311	0.329	0.323	0.308	7.1
Acenaphthene		1.175	1.160	1.179	1.057	0.997	1.066	10.0
2,4-Dinitrophenol			0.044	0.088	0.122	0.131	0.111	34.5
4-Nitrophenol			0.104	0.181	0.206	0.216	0.190	23.6
Dibenzofuran		1.816	1.800	1.834	1.615	1.513	1.624	12.3
2,4-Dinitrotoluene		0.310	0.356	0.397	0.378	0.370	0.358	8.2
Diethylphthalate		1.401	1.415	1.438	1.311	1.250	1.315	8.3
4-Chlorophenyl-phenylether		0.701	0.682	0.674	0.589	0.564	0.611	12.0
Fluorene		1.447	1.420	1.402	1.211	1.129	1.247	14.0
4-Nitroaniline		0.217	0.238	0.296	0.273	0.277	0.265	10.5
4,6-Dinitro-2-methylphenol			0.080	0.107	0.117	0.121	0.111	14.7
n-Nitrosodiphenylamine		0.669	0.687	0.699	0.636	0.625	0.644	6.6
Azobenzene		1.617	1.602	1.647	1.524	1.452	1.514	7.7
2,4,6-Tribromophenol		0.169	0.174	0.187	0.175	0.173	0.176	3.3
4-Bromophenyl-phenylether		0.213	0.219	0.236	0.221	0.216	0.218	4.3
Hexachlorobenzene		0.225	0.225	0.233	0.217	0.217	0.220	4.1
Atrazine		0.190	0.199	0.214	0.197	0.195	0.196	4.8
Pentachlorophenol			0.105	0.133	0.139	0.142	0.133	10.7
Phenanthrene		1.206	1.195	1.203	1.058	1.036	1.088	10.4
Anthracene		1.203	1.195	1.248	1.088	1.085	1.118	9.1
Carbazole		0.998	1.027	1.062	0.952	0.931	0.958	8.4
Di-n-butylphthalate		1.192	1.203	1.255	1.140	1.116	1.139	7.6
Fluoranthene		1.208	1.167	1.185	1.030	1.005	1.064	11.6
Benzidine			0.375	0.497	0.568	0.541	0.489	14.4
Pyrene		1.874	1.929	2.096	2.064	1.969	1.962	4.9
Terphenyl-d14		1.470	1.472	1.534	1.490	1.441	1.454	4.2
Butylbenzylphthalate		0.405	0.441	0.506	0.527	0.540	0.501	11.4
3,3-Dichlorobenzidine		0.274	0.318	0.390	0.417	0.398	0.373	14.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF022924

SAS No.: BF022924

SDG No.: BF022924

Instrument ID: _____

Calibration Date(s): 2/29/2024 : _____

Calibration Time(s): 12:44 : _____

LAB FILE ID:		RRF2.5 = BF137439.D			RRF005 = BF137440.D		RRF010 = BF137441.D	
		RRF020 = BF137442.D			RRF040 = BF137443.D		RRF050 = BF137444.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.405	1.519	1.416	1.380	1.402	4.6
Chrysene		1.427	1.407	1.493	1.447	1.384	1.417	3.1
Bis(2-ethylhexyl)phthalate		0.540	0.560	0.655	0.677	0.668	0.637	9.6
Di-n-octyl phthalate			0.808	0.979	1.196	1.170	1.120	17.1
Benzo(b)fluoranthene		1.181	1.174	1.292	1.200	1.166	1.183	5.0
Benzo(k)fluoranthene		1.372	1.359	1.352	1.231	1.217	1.271	7.2
Benzo(a)pyrene		1.115	1.144	1.249	1.210	1.165	1.166	4.5
Indeno(1,2,3-cd)pyrene		1.135	1.258	1.395	1.392	1.355	1.316	7.2
Dibenzo(a,h)anthracene		0.901	1.008	1.134	1.134	1.101	1.068	8.2
Benzo(g,h,i)perylene		0.943	1.030	1.171	1.162	1.132	1.096	7.6
1,2,4,5-Tetrachlorobenzene		0.576	0.584	0.609	0.563	0.543	0.558	6.5
1,4-Dioxane		0.715	0.716	0.764	0.742	0.710	0.722	3.5
2,3,4,6-Tetrachlorophenol		0.336	0.346	0.363	0.341	0.329	0.336	5.0
1-Methylnaphthalene		0.704	0.710	0.718	0.635	0.605	0.644	10.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF031124 SAS No.: BF031124 SDG NO.: BF031124EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 11 2024 12:00AMLab File ID: BF137443.D Time Analyzed: 13:41Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	211004	6.804	833843	8.08	463807	9.84
	UPPER LIMIT	422008	7.304	1667686	8.581	927614	10.339
	LOWER LIMIT	105502	6.304	416921.5	7.581	231903.5	9.339
	EPA SAMPLE NO.						
01	PB159519BL	245409	6.90	980911	8.18	545271	9.93
02	PB159519BS	234068	6.90	951754	8.18	519883	9.94
03	PB159519BSD	223172	6.90	899300	8.18	497175	9.94
04	SP-303-20240307	252108	6.90	1.01107e	8.18	586134	9.93
05	PB159533BS	233547	6.90	938920	8.18	522788	9.94
06	PB159533BL	247112	6.90	992146	8.18	551989	9.93
07	RT4196	209258	6.90	792233	8.18	311871	9.94
08	RT3471	226422	6.90	897829	8.17	489117	9.93
09	RT3471MS	230114	6.90	904212	8.18	475861	9.93
10	RT3471MSD	236019	6.90	922095	8.18	466788	9.93
11	MG-COMP	216566	6.90	845512	8.17	429767	9.93
12	TR-04-030724	236682	6.90	912779	8.17	470105	9.93
13	RCA-1-COMP	221877	6.90	842269	8.18	416923	9.93
14	RCA-2-COMP	222176	6.90	838941	8.17	394470	9.93
15	RCA-3-COMP	216995	6.90	797037	8.18	368901	9.93

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031124 SAS No.: BF031124 SDG NO.: BF031124

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BF137553.D Time Analyzed: 13:41

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	258182	6.904	1.008e+006	8.18	572173	9.93
UPPER LIMIT	516364	7.404	2016000	8.675	1144346	10.433
LOWER LIMIT	129091	6.404	504000	7.675	286086.5	9.433
EPA SAMPLE NO.						
01 PB159519BL	245409	6.90	980911	8.18	545271	9.93
02 PB159519BS	234068	6.90	951754	8.18	519883	9.94
03 PB159519BSD	223172	6.90	899300	8.18	497175	9.94
04 SP-303-20240307	252108	6.90	1.01107e	8.18	586134	9.93
05 PB159533BS	233547	6.90	938920	8.18	522788	9.94
06 PB159533BL	247112	6.90	992146	8.18	551989	9.93
07 RT4196	209258	6.90	792233	8.18	311871	9.94
08 RT3471	226422	6.90	897829	8.17	489117	9.93
09 RT3471MS	230114	6.90	904212	8.18	475861	9.93
10 RT3471MSD	236019	6.90	922095	8.18	466788	9.93
11 MG-COMP	216566	6.90	845512	8.17	429767	9.93
12 TR-04-030724	236682	6.90	912779	8.17	470105	9.93
13 RCA-1-COMP	221877	6.90	842269	8.18	416923	9.93
14 RCA-2-COMP	222176	6.90	838941	8.17	394470	9.93
15 RCA-3-COMP	216995	6.90	797037	8.18	368901	9.93

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031124 SAS No.: BF031124 SDG NO.: BF031124

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BF137443.D Time Analyzed: 13:41

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	794722	11.328	399789	13.986	384521	15.486
UPPER LIMIT	1589444	11.828	799578	14.486	769042	15.986
LOWER LIMIT	397361	10.828	199894.5	13.486	192260.5	14.986
EPA SAMPLE NO.						
01 PB159519BL	1.01967	11.43	695489	14.09	542743	15.65
02 PB159519BS	944705	11.43	501907	14.10	458087	15.65
03 PB159519BSD	885571	11.43	464067	14.10	433451	15.65
04 SP-303-20240307	1.04518	11.43	664748	14.09	533166	15.65
05 PB159533BS	941249	11.43	517827	14.10	465573	15.65
06 PB159533BL	1.03301	11.43	655055	14.09	514100	15.65
07 RT4196	337929 *	11.45	409766	14.10	501773	15.65
08 RT3471	725921	11.43	442696	14.09	467640	15.65
09 RT3471MS	664191	11.43	399730	14.10	452418	15.65
10 RT3471MSD	612147	11.43	397873	14.09	437869	15.65
11 MG-COMP	565549	11.42	398498	14.09	398698	15.64
12 TR-04-030724	648440	11.42	463202	14.09	435449	15.64
13 RCA-1-COMP	564163	11.43	422779	14.09	358260	15.65
14 RCA-2-COMP	534915	11.43	426941	14.09	345132	15.65
15 RCA-3-COMP	528449	11.43	411981	14.09	332886	15.65

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF031124 SAS No.: BF031124 SDG NO.: BF031124

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BF137553.D Time Analyzed: 13:41

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	975637	11.433	501907	14.098	505561	15.651
UPPER LIMIT	1951274	11.933	1003814	14.598	1011122	16.151
LOWER LIMIT	487818.5	10.933	250953.5	13.598	252780.5	15.151
EPA SAMPLE NO.						
01 PB159519BL	1.01967	11.43	695489	14.09	542743	15.65
02 PB159519BS	944705	11.43	501907	14.10	458087	15.65
03 PB159519BSD	885571	11.43	464067	14.10	433451	15.65
04 SP-303-20240307	1.04518	11.43	664748	14.09	533166	15.65
05 PB159533BS	941249	11.43	517827	14.10	465573	15.65
06 PB159533BL	1.03301	11.43	655055	14.09	514100	15.65
07 RT4196	337929 *	11.45	409766	14.10	501773	15.65
08 RT3471	725921	11.43	442696	14.09	467640	15.65
09 RT3471MS	664191	11.43	399730	14.10	452418	15.65
10 RT3471MSD	612147	11.43	397873	14.09	437869	15.65
11 MG-COMP	565549	11.42	398498	14.09	398698	15.64
12 TR-04-030724	648440	11.42	463202	14.09	435449	15.64
13 RCA-1-COMP	564163	11.43	422779	14.09	358260	15.65
14 RCA-2-COMP	534915	11.43	426941	14.09	345132	15.65
15 RCA-3-COMP	528449	11.43	411981	14.09	332886	15.65

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159519BS	n-Nitrosodimethylamine	50	42.2	ug/L	84				55	108	
	Pyridine	50	33.8	ug/L	68				29	97	
	Benzaldehyde	50	0	ug/L	0		*		15	121	
	Aniline	50	22.4	ug/L	45				10	130	
	Phenol	50	41.8	ug/L	84				66	118	
	bis(2-Chloroethyl)ether	50	43	ug/L	86				62	103	
	2-Chlorophenol	50	46.3	ug/L	93				70	117	
	1,2-Dichlorobenzene	50	45.9	ug/L	92				72	102	
	1,3-Dichlorobenzene	50	44.4	ug/L	89				71	103	
	1,4-Dichlorobenzene	50	44.6	ug/L	89				76	103	
	Benzyl Alcohol	50	49.9	ug/L	100		*		36	93	
	2-Methylphenol	50	41.8	ug/L	84				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.8	ug/L	82				52	103	
	Acetophenone	50	43.8	ug/L	88				60	104	
	3+4-Methylphenols	50	40.9	ug/L	82				67	106	
	N-Nitroso-di-n-propylamine	50	40.4	ug/L	81				57	107	
	Hexachloroethane	50	46.6	ug/L	93				76	118	
	Nitrobenzene	50	42.2	ug/L	84				58	106	
	Isophorone	50	42.9	ug/L	86				61	102	
	2-Nitrophenol	50	48.5	ug/L	97				70	115	
	2,4-Dimethylphenol	50	38.1	ug/L	76				67	130	
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87				58	109	
	2,4-Dichlorophenol	50	45.4	ug/L	91				66	115	
	1,2,4-Trichlorobenzene	50	44.5	ug/L	89				41	115	
	Benzoic acid	50	46.8	ug/L	94				10	125	
	Naphthalene	50	42	ug/L	84				64	107	
	4-Chloroaniline	50	14.1	ug/L	28				10	85	
	Hexachlorobutadiene	50	44	ug/L	88				69	101	
	Caprolactam	50	47.7	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50	44.9	ug/L	90				65	114	
	2-Methylnaphthalene	50	40.6	ug/L	81				64	107	
	Hexachlorocyclopentadiene	100	97	ug/L	97				36	160	
	2,4,6-Trichlorophenol	50	46.3	ug/L	93				61	110	
	2,4,5-Trichlorophenol	50	42.8	ug/L	86				70	106	
	1,1-Biphenyl	50	43.5	ug/L	87				72	98	
	2-Chloronaphthalene	50	45.1	ug/L	90				59	106	
	2-Nitroaniline	50	46.9	ug/L	94				58	107	
	Dimethylphthalate	50	44.2	ug/L	88				64	103	
	Acenaphthylene	50	44.3	ug/L	89				65	108	
	2,6-Dinitrotoluene	50	47	ug/L	94				64	110	
	3-Nitroaniline	50	28.3	ug/L	57				28	100	
	Acenaphthene	50	42	ug/L	84				59	113	
	Total PAH	800	703.2	ug/L	88				59	113	
	2,4-Dinitrophenol	100	97.9	ug/L	98				64	132	
	4-Nitrophenol	100	92.1	ug/L	92				68	116	
	Dibenzofuran	50	41.4	ug/L	83				65	106	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159519BS	2,4-Dinitrotoluene	50	45.9	ug/L	92				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	92.9	ug/L	93				60	115	
	Diethylphthalate	50	43.7	ug/L	87				63	105	
	4-Chlorophenyl-phenylether	50	41	ug/L	82				61	104	
	Fluorene	50	40.8	ug/L	82				64	107	
	4-Nitroaniline	50	48	ug/L	96				69	112	
	4,6-Dinitro-2-methylphenol	50	49.2	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	40.9	ug/L	82				61	109	
	Azobenzene	50	42.7	ug/L	85				59	106	
	4-Bromophenyl-phenylether	50	42.9	ug/L	86				73	103	
	Hexachlorobenzene	50	46.9	ug/L	94				73	106	
	Atrazine	50	40.8	ug/L	82				76	120	
	Pentachlorophenol	100	84.7	ug/L	85				47	114	
	Phenanthrene	50	40.7	ug/L	81				62	109	
	Anthracene	50	40.8	ug/L	82				65	110	
	Carbazole	50	42.5	ug/L	85				62	106	
	Di-n-butylphthalate	50	43.1	ug/L	86				64	106	
	Fluoranthene	50	42	ug/L	84				64	110	
	Benzidine	100	23.3	ug/L	23				10	94	
	Pyrene	50	43.7	ug/L	87				71	103	
	Butylbenzylphthalate	50	58.3	ug/L	117		*		61	105	
	3,3-Dichlorobenzidine	50	36.9	ug/L	74				43	108	
	Benzo(a)anthracene	50	45.1	ug/L	90				62	107	
	Chrysene	50	43.3	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50	53.7	ug/L	107				59	110	
	Di-n-octyl phthalate	50	47.6	ug/L	95				67	126	
	Benzo(b)fluoranthene	50	50.7	ug/L	101				77	113	
	Benzo(k)fluoranthene	50	42.1	ug/L	84				64	113	
	Benzo(a)pyrene	50	44.8	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	47.4	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	46	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.8	ug/L	90				72	101	
	1,4-Dioxane	50	35.3	ug/L	71				38	125	
	2,3,4,6-Tetrachlorophenol	50	46.6	ug/L	93				63	116	
	1-Methylnaphthalene	50	41	ug/L	82				51	114	
PB159519BSD	n-Nitrosodimethylamine	50	40.3	ug/L	81	5			55	108	20
	Pyridine	50	32.2	ug/L	64	5			29	97	20
	Benzaldehyde	50	0	ug/L	0	0	*		15	121	20
	Aniline	50	22.3	ug/L	45	0			10	130	20
	Phenol	50	40.9	ug/L	82	2			66	118	20
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86	0			62	103	20
	2-Chlorophenol	50	45.2	ug/L	90	2			70	117	20
	1,2-Dichlorobenzene	50	44.7	ug/L	89	3			72	102	20
	1,3-Dichlorobenzene	50	43.3	ug/L	87	3			71	103	20
	1,4-Dichlorobenzene	50	43.8	ug/L	88	2			76	103	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB159519BSD	Benzyl Alcohol	50	48.6	ug/L	97	3	*		36	93	20
	2-Methylphenol	50	40.5	ug/L	81	3			69	109	20
	2,2-oxybis(1-Chloropropane)	50	40	ug/L	80	2			52	103	20
	Acetophenone	50	42.8	ug/L	86	2			60	104	20
	3+4-Methylphenols	50	40.1	ug/L	80	2			67	106	20
	N-Nitroso-di-n-propylamine	50	39.4	ug/L	79	3			57	107	20
	Hexachloroethane	50	45.5	ug/L	91	2			76	118	20
	Nitrobenzene	50	41.2	ug/L	82	2			58	106	20
	Isophorone	50	41.9	ug/L	84	2			61	102	20
	2-Nitrophenol	50	47.7	ug/L	95	2			70	115	20
	2,4-Dimethylphenol	50	37.2	ug/L	74	2			67	130	20
	bis(2-Chloroethoxy)methane	50	42.6	ug/L	85	2			58	109	20
	2,4-Dichlorophenol	50	45.2	ug/L	90	0			66	115	20
	1,2,4-Trichlorobenzene	50	44.1	ug/L	88	1			41	115	20
	Benzoic acid	50	46.5	ug/L	93	1			10	125	20
	Naphthalene	50	41.3	ug/L	83	2			64	107	20
	4-Chloroaniline	50	13.7	ug/L	27	3			10	85	20
	Hexachlorobutadiene	50	42.9	ug/L	86	3			69	101	20
	Caprolactam	50	45.9	ug/L	92	4			58	128	20
	4-Chloro-3-methylphenol	50	43.7	ug/L	87	3			65	114	20
	2-Methylnaphthalene	50	40	ug/L	80	1			64	107	20
	Hexachlorocyclopentadiene	100	94.8	ug/L	95	2			36	160	20
	2,4,6-Trichlorophenol	50	46.2	ug/L	92	0			61	110	20
	2,4,5-Trichlorophenol	50	42.7	ug/L	85	0			70	106	20
	1,1-Biphenyl	50	42.2	ug/L	84	3			72	98	20
	2-Chloronaphthalene	50	43.7	ug/L	87	3			59	106	20
	2-Nitroaniline	50	45.5	ug/L	91	3			58	107	20
	Dimethylphthalate	50	42.9	ug/L	86	3			64	103	20
	Acenaphthylene	50	43	ug/L	86	3			65	108	20
	2,6-Dinitrotoluene	50	45.7	ug/L	91	3			64	110	20
	3-Nitroaniline	50	26.2	ug/L	52	8			28	100	20
	Acenaphthene	50	41	ug/L	82	2			59	113	20
	Total PAH	800	687.2	ug/L	86	2			59	113	20
	2,4-Dinitrophenol	100	97.5	ug/L	98	0			64	132	20
	4-Nitrophenol	100	86.7	ug/L	87	6			68	116	20
	Dibenzofuran	50	40.9	ug/L	82	1			65	106	20
	2,4-Dinitrotoluene	50	44.8	ug/L	90	2			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	90.5	ug/L	91	3			60	115	20
	Diethylphthalate	50	42.6	ug/L	85	3			63	105	20
	4-Chlorophenyl-phenylether	50	40	ug/L	80	2			61	104	20
	Fluorene	50	40.2	ug/L	80	1			64	107	20
	4-Nitroaniline	50	44.8	ug/L	90	7			69	112	20
	4,6-Dinitro-2-methylphenol	50	49.7	ug/L	99	1			62	132	20
	N-Nitrosodiphenylamine	50	40.7	ug/L	81	0			61	109	20
	Azobenzene	50	41.6	ug/L	83	3			59	106	20
	4-Bromophenyl-phenylether	50	43	ug/L	86	0			73	103	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159519BSD	Hexachlorobenzene	50	45.9	ug/L	92	2			73	106	20
	Atrazine	50	40.1	ug/L	80	2			76	120	20
	Pentachlorophenol	100	84.5	ug/L	85	0			47	114	20
	Phenanthrene	50	40	ug/L	80	2			62	109	20
	Anthracene	50	40.7	ug/L	81	0			65	110	20
	Carbazole	50	41.4	ug/L	83	3			62	106	20
	Di-n-butylphthalate	50	43	ug/L	86	0			64	106	20
	Fluoranthene	50	41.2	ug/L	82	2			64	110	20
	Benzidine	100	21.9	ug/L	22	6			10	94	20
	Pyrene	50	42.9	ug/L	86	2			71	103	20
	Butylbenzylphthalate	50	56.1	ug/L	112	4	*		61	105	20
	3,3-Dichlorobenzidine	50	35.8	ug/L	72	3			43	108	20
	Benzo(a)anthracene	50	43.3	ug/L	87	4			62	107	20
	Chrysene	50	42	ug/L	84	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	51.8	ug/L	104	4			59	110	20
	Di-n-octyl phthalate	50	44.9	ug/L	90	6			67	126	20
	Benzo(b)fluoranthene	50	48.1	ug/L	96	5			77	113	20
	Benzo(k)fluoranthene	50	41.1	ug/L	82	2			64	113	20
	Benzo(a)pyrene	50	42.9	ug/L	86	4			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.1	ug/L	94	1			72	105	20
	Dibenz(a,h)anthracene	50	46.8	ug/L	94	1			78	115	20
	Benzo(g,h,i)perylene	50	45.6	ug/L	91	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.5	ug/L	87	3			72	101	20
	1,4-Dioxane	50	34.6	ug/L	69	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	45.3	ug/L	91	3			63	116	20
	1-Methylnaphthalene	50	40.6	ug/L	81	1			51	114	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159533BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	1100	ug/Kg	65				10	147	
	Aniline	1700	700	ug/Kg	41				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	630	ug/Kg	37				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	24000	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				37	128	
	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF031124

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159533BS	2,4-Dinitrotoluene/2,6-Dinitrotoluene	3400	3200	ug/Kg	94				60	106		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	Diethylphthalate	1700	1500	ug/Kg	88				60	101		
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98		
	Fluorene	1700	1400	ug/Kg	82				61	101		
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103		
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107		
	Azobenzene	1700	1500	ug/Kg	88				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99		
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98		
	Atrazine	1700	1400	ug/Kg	82				67	113		
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104		
	Fluoranthene	1700	1500	ug/Kg	88				57	107		
	Benzidine	3300	550	ug/Kg	17				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111		
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108		
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101		
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-04-030724

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031124SAS No.: BF031124 SDG NO.: BF031124Lab File ID: BF137565.DLab Sample ID: P1710-01Instrument ID: BNA_FDate Extracted: 03/08/2024Matrix: (soil/water) SolidDate Analyzed: 03/11/2024Level: (low/med) LOWTime Analyzed: 19:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-04-030724	P1710-01	BF137565.D	03/11/2024
RCA-1-COMP	P1701-01	BF137566.D	03/11/2024
RCA-2-COMP	P1701-02	BF137567.D	03/11/2024
RCA-3-COMP	P1701-03	BF137568.D	03/11/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159519BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031124SAS No.: BF031124 SDG NO.: BF031124Lab File ID: BF137554.DLab Sample ID: PB159519BLInstrument ID: BNA_FDate Extracted: 03/08/2024Matrix: (soil/water) WaterDate Analyzed: 03/11/2024Level: (low/med) LOWTime Analyzed: 13:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159519BS	PB159519BS	BF137555.D	03/11/2024
PB159519BSD	PB159519BSD	BF137556.D	03/11/2024
SP-303-20240307	P1716-03	BF137557.D	03/11/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159533BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031124SAS No.: BF031124 SDG NO.: BF031124Lab File ID: BF137559.DLab Sample ID: PB159533BLInstrument ID: BNA_FDate Extracted: 03/11/2024Matrix: (soil/water) SolidDate Analyzed: 03/11/2024Level: (low/med) LOWTime Analyzed: 16:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RT4196	P1720-01	BF137560.D	03/11/2024
RT3471	P1720-03	BF137561.D	03/11/2024
RT3471MS	P1720-03MS	BF137562.D	03/11/2024
RT3471MSD	P1720-03MSD	BF137563.D	03/11/2024
MG-COMP	P1722-01	BF137564.D	03/11/2024
PB159533BS	PB159533BS	BF137558.D	03/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1720-03MS	Client Sample ID:	RT3471MS					DataFile:	BF137562.D		
n-Nitrosodimethylamine	1300		1100	ug/Kg	85				66	124	
Pyridine	1300		950	ug/Kg	73				45	119	
Benzaldehyde	1300		640	ug/Kg	49				26	163	
Aniline	1300		560	ug/Kg	43				10	88	
Phenol	1300		1100	ug/Kg	85				67	126	
bis(2-Chloroethyl)ether	1300		1100	ug/Kg	85				74	116	
2-Chlorophenol	1300		1200	ug/Kg	92				61	138	
1,2-Dichlorobenzene	1300		1200	ug/Kg	92				61	105	
1,3-Dichlorobenzene	1300		1100	ug/Kg	85				62	101	
1,4-Dichlorobenzene	1300		1100	ug/Kg	85				63	104	
Benzyl Alcohol	1300		1300	ug/Kg	100				47	126	
2-Methylphenol	1300		1000	ug/Kg	77				66	122	
2,2-oxybis(1-Chloropropane)	1300		1000	ug/Kg	77				52	115	
Acetophenone	1300		1100	ug/Kg	85				75	111	
3+4-Methylphenols	1300		1100	ug/Kg	85				53	132	
N-Nitroso-di-n-propylamine	1300		1000	ug/Kg	77				59	119	
Hexachloroethane	1300		1200	ug/Kg	92				65	117	
Nitrobenzene	1300		1100	ug/Kg	85				70	119	
Isophorone	1300		1100	ug/Kg	85				76	122	
2-Nitrophenol	1300		1300	ug/Kg	100				54	145	
2,4-Dimethylphenol	1300		930	ug/Kg	72	*			83	144	
bis(2-Chloroethoxy)methane	1300		1100	ug/Kg	85				68	112	
2,4-Dichlorophenol	1300		1200	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1300		1200	ug/Kg	92				57	103	
Benzoic acid	1300		1200	ug/Kg	92				50	104	
Naphthalene	1300		1100	ug/Kg	85				72	110	
4-Chloroaniline	1300		220	ug/Kg	17				10	100	
Hexachlorobutadiene	1300		1200	ug/Kg	92				66	114	
Caprolactam	1300		1200	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1300		1100	ug/Kg	85				57	132	
2-Methylnaphthalene	1300		1100	ug/Kg	85				59	123	
Hexachlorocyclopentadiene	2600		2300	ug/Kg	88				10	175	
2,4,6-Trichlorophenol	1300		1200	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1300		1100	ug/Kg	85				72	117	
1,1-Biphenyl	1300		1100	ug/Kg	85				75	113	
2-Chloronaphthalene	1300		1200	ug/Kg	92				67	118	
2-Nitroaniline	1300		1200	ug/Kg	92				69	127	
Dimethylphthalate	1300		1100	ug/Kg	85				70	113	
Acenaphthylene	1300		1100	ug/Kg	85				79	118	
2,6-Dinitrotoluene	1300		1200	ug/Kg	92				70	125	
3-Nitroaniline	1300		700	ug/Kg	54				20	111	
Acenaphthene	1300		1100	ug/Kg	85				70	121	
Total PAH	20800		16880	ug/Kg	81				70	121	
2,4-Dinitrophenol	2600		2100	ug/Kg	81				16	160	
4-Nitrophenol	2600		2000	ug/Kg	77				45	133	
Dibenzofuran	1300		1100	ug/Kg	85				72	110	
2,4-Dinitrotoluene	1300		1100	ug/Kg	85				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2600		2300	ug/Kg	88				55	128	
Diethylphthalate	1300		1100	ug/Kg	85				70	112	
4-Chlorophenyl-phenylether	1300		1000	ug/Kg	77				71	108	
Fluorene	1300		1000	ug/Kg	77				68	116	
4-Nitroaniline	1300		1000	ug/Kg	77				55	120	
4,6-Dinitro-2-methylphenol	1300		1400	ug/Kg	108				32	145	
N-Nitrosodiphenylamine	1300		1300	ug/Kg	100				73	118	
Azobenzene	1300		1000	ug/Kg	77				73	110	
4-Bromophenyl-phenylether	1300		1300	ug/Kg	100				65	121	
Hexachlorobenzene	1300		1400	ug/Kg	108				67	118	
Atrazine	1300		1300	ug/Kg	100				79	127	
Pentachlorophenol	2600		2300	ug/Kg	88				47	128	
Phenanthrene	1300		1100	ug/Kg	85				72	113	
Anthracene	1300		1100	ug/Kg	85				62	124	
Carbazole	1300		1100	ug/Kg	85				59	119	
Di-n-butylphthalate	1300		1200	ug/Kg	92				69	118	
Fluoranthene	1300		1000	ug/Kg	77				59	125	
Benzidine	2600		1100	ug/Kg	42				10	119	
Pyrene	1300		950	ug/Kg	73				52	128	
Butylbenzylphthalate	1300		1300	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1300		710	ug/Kg	55				10	164	
Benzo(a)anthracene	1300		1100	ug/Kg	85				71	114	
Chrysene	1300		1100	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	1300		1400	ug/Kg	108				66	127	
Di-n-octyl phthalate	1300		1500	ug/Kg	115				71	126	
Benzo(b)fluoranthene	1300		1200	ug/Kg	92				67	121	
Benzo(k)fluoranthene	1300		1100	ug/Kg	85				74	114	
Benzo(a)pyrene	1300		1100	ug/Kg	85				70	142	
Indeno(1,2,3-cd)pyrene	1300		980	ug/Kg	75				61	125	
Dibenz(a,h)anthracene	1300		970	ug/Kg	75				67	130	
Benzo(g,h,i)perylene	1300		880	ug/Kg	68				53	140	
1,2,4,5-Tetrachlorobenzene	1300		1200	ug/Kg	92				69	124	
1,4-Dioxane	1300		980	ug/Kg	75				46	112	
2,3,4,6-Tetrachlorophenol	1300		1100	ug/Kg	85				56	133	
1-Methylnaphthalene	1300		1000	ug/Kg	77				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	
		Result				Qual		Qual		High	RPD
Lab Sample ID:	P1720-03MSD	Client Sample ID:	RT3471MSD				DataFile:	BF137563.D			
n-Nitrosodimethylamine	1300		1100	ug/Kg	85		0		66	124	20
Pyridine	1300		930	ug/Kg	72		1		45	119	20
Benzaldehyde	1300		650	ug/Kg	50		2		26	163	20
Aniline	1300		530	ug/Kg	41		5		10	88	20
Phenol	1300		1100	ug/Kg	85		0		67	126	20
bis(2-Chloroethyl)ether	1300		1100	ug/Kg	85		0		74	116	20
2-Chlorophenol	1300		1200	ug/Kg	92		0		61	138	20
1,2-Dichlorobenzene	1300		1200	ug/Kg	92		0		61	105	20
1,3-Dichlorobenzene	1300		1100	ug/Kg	85		0		62	101	20
1,4-Dichlorobenzene	1300		1100	ug/Kg	85		0		63	104	20
Benzyl Alcohol	1300		1300	ug/Kg	100		0		47	126	20
2-Methylphenol	1300		1000	ug/Kg	77		0		66	122	20
2,2-oxybis(1-Chloropropane)	1300		1000	ug/Kg	77		0		52	115	20
Acetophenone	1300		1100	ug/Kg	85		0		75	111	20
3+4-Methylphenols	1300		1000	ug/Kg	77		10		53	132	20
N-Nitroso-di-n-propylamine	1300		1000	ug/Kg	77		0		59	119	20
Hexachloroethane	1300		1200	ug/Kg	92		0		65	117	20
Nitrobenzene	1300		1100	ug/Kg	85		0		70	119	20
Isophorone	1300		1100	ug/Kg	85		0		76	122	20
2-Nitrophenol	1300		1300	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1300		920	ug/Kg	71	*	1		83	144	20
bis(2-Chloroethoxy)methane	1300		1100	ug/Kg	85		0		68	112	20
2,4-Dichlorophenol	1300		1200	ug/Kg	92		0		72	118	20
1,2,4-Trichlorobenzene	1300		1100	ug/Kg	85		8		57	103	20
Benzoic acid	1300		1200	ug/Kg	92		0		50	104	20
Naphthalene	1300		1100	ug/Kg	85		0		72	110	20
4-Chloroaniline	1300		200	ug/Kg	15		13		10	100	20
Hexachlorobutadiene	1300		1200	ug/Kg	92		0		66	114	20
Caprolactam	1300		1100	ug/Kg	85		8		51	134	20
4-Chloro-3-methylphenol	1300		1100	ug/Kg	85		0		57	132	20
2-Methylnaphthalene	1300		1000	ug/Kg	77		10		59	123	20
Hexachlorocyclopentadiene	2600		2100	ug/Kg	81		8		10	175	20
2,4,6-Trichlorophenol	1300		1200	ug/Kg	92		0		72	117	20
2,4,5-Trichlorophenol	1300		1100	ug/Kg	85		0		72	117	20
1,1-Biphenyl	1300		1200	ug/Kg	92		8		75	113	20
2-Chloronaphthalene	1300		1200	ug/Kg	92		0		67	118	20
2-Nitroaniline	1300		1200	ug/Kg	92		0		69	127	20
Dimethylphthalate	1300		1100	ug/Kg	85		0		70	113	20
Acenaphthylene	1300		1100	ug/Kg	85		0		79	118	20
2,6-Dinitrotoluene	1300		1200	ug/Kg	92		0		70	125	20
3-Nitroaniline	1300		670	ug/Kg	52		4		20	111	20
Acenaphthene	1300		1000	ug/Kg	77		10		70	121	20
Total PAH	20800		16560	ug/Kg	80		1		70	121	20
2,4-Dinitrophenol	2600		1800	ug/Kg	69		16		16	160	20
4-Nitrophenol	2600		1800	ug/Kg	69		11		45	133	20
Dibenzofuran	1300		1000	ug/Kg	77		10		72	110	20
2,4-Dinitrotoluene	1300		1100	ug/Kg	85		0		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF031124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		RPD
									Low	High	
2,4-Dinitrotoluene/2,6-Dinitrotol	2600		2300	ug/Kg	88		0		55	128	20
Diethylphthalate	1300		1100	ug/Kg	85		0		70	112	20
4-Chlorophenyl-phenylether	1300		990	ug/Kg	76		1		71	108	20
Fluorene	1300		970	ug/Kg	75		3		68	116	20
4-Nitroaniline	1300		920	ug/Kg	71		8		55	120	20
4,6-Dinitro-2-methylphenol	1300		1300	ug/Kg	100		8		32	145	20
N-Nitrosodiphenylamine	1300		1300	ug/Kg	100		0		73	118	20
Azobenzene	1300		1000	ug/Kg	77		0		73	110	20
4-Bromophenyl-phenylether	1300		1300	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1300		1300	ug/Kg	100		8		67	118	20
Atrazine	1300		1300	ug/Kg	100		0		79	127	20
Pentachlorophenol	2600		2100	ug/Kg	81		8		47	128	20
Phenanthrene	1300		1100	ug/Kg	85		0		72	113	20
Anthracene	1300		1100	ug/Kg	85		0		62	124	20
Carbazole	1300		1000	ug/Kg	77		10		59	119	20
Di-n-butylphthalate	1300		1100	ug/Kg	85		8		69	118	20
Fluoranthene	1300		1000	ug/Kg	77		0		59	125	20
Benzidine	2600		1200	ug/Kg	46		9		10	119	20
Pyrene	1300		880	ug/Kg	68		7		52	128	20
Butylbenzylphthalate	1300		1300	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1300		840	ug/Kg	65		17		10	164	20
Benzo(a)anthracene	1300		1100	ug/Kg	85		0		71	114	20
Chrysene	1300		1100	ug/Kg	85		0		57	121	20
bis(2-Ethylhexyl)phthalate	1300		1400	ug/Kg	108		0		66	127	20
Di-n-octyl phthalate	1300		1500	ug/Kg	115		0		71	126	20
Benzo(b)fluoranthene	1300		1300	ug/Kg	100		8		67	121	20
Benzo(k)fluoranthene	1300		1000	ug/Kg	77		10		74	114	20
Benzo(a)pyrene	1300		1100	ug/Kg	85		0		70	142	20
Indeno(1,2,3-cd)pyrene	1300		940	ug/Kg	72		4		61	125	20
Dibenz(a,h)anthracene	1300		930	ug/Kg	72		4		67	130	20
Benzo(g,h,i)perylene	1300		840	ug/Kg	65		5		53	140	20
1,2,4,5-Tetrachlorobenzene	1300		1200	ug/Kg	92		0		69	124	20
1,4-Dioxane	1300		960	ug/Kg	74		1		46	112	20
2,3,4,6-Tetrachlorophenol	1300		1000	ug/Kg	77		10		56	133	20
1-Methylnaphthalene	1300		1000	ug/Kg	77		0		70	130	20



Surrogate Summary

SW-846

SDG No.: BF031124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1701-01	RCA-1-COMP	BF137566.D	2-Fluorophenol	150	84.54	56		18	112
			Phenol-d6	150	79.09	53		15	107
			Nitrobenzene-d5	100	57.38	57		18	107
			2-Fluorobiphenyl	100	61.74	62		20	109
			2,4,6-Tribromophenol	150	70.98	47		10	110
			Terphenyl-d14	100	42.57	43		14	112
P1701-02	RCA-2-COMP	BF137567.D	2-Fluorophenol	150	85.62	57		18	112
			Phenol-d6	150	80.11	53		15	107
			Nitrobenzene-d5	100	56.18	56		18	107
			2-Fluorobiphenyl	100	62.94	63		20	109
			2,4,6-Tribromophenol	150	69.33	46		10	110
			Terphenyl-d14	100	41.46	41		14	112
P1701-03	RCA-3-COMP	BF137568.D	2-Fluorophenol	150	85.25	57		18	112
			Phenol-d6	150	78.78	53		15	107
			Nitrobenzene-d5	100	58.62	59		18	107
			2-Fluorobiphenyl	100	64.24	64		20	109
			2,4,6-Tribromophenol	150	72.75	48		10	110
			Terphenyl-d14	100	42.94	43		14	112
P1710-01	TR-04-030724	BF137565.D	2-Fluorophenol	150	85.32	57		18	112
			Phenol-d6	150	80.65	54		15	107
			Nitrobenzene-d5	100	58.29	58		18	107
			2-Fluorobiphenyl	100	59.34	59		20	109
			2,4,6-Tribromophenol	150	75.09	50		10	110
			Terphenyl-d14	100	40.21	40		14	112



Surrogate Summary
SW-846

SDG No.: BF031124

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1716-03	SP-303-20240307	BF137557.D	2-Fluorophenol	150	42.82	29		10	139
			Phenol-d6	150	24.40	16		10	134
			Nitrobenzene-d5	100	72.39	72		49	133
			2-Fluorobiphenyl	100	69.45	69		52	132
			2,4,6-Tribromophenol	150	123.12	82		32	145
			Terphenyl-d14	100	60.26	60		36	145
PB159519BL	PB159519BL	BF137554.D	2-Fluorophenol	150	113.66	76		10	139
			Phenol-d6	150	106.46	71		10	134
			Nitrobenzene-d5	100	75.78	76		49	133
			2-Fluorobiphenyl	100	74.87	75		52	132
			2,4,6-Tribromophenol	150	132.48	88		32	145
			Terphenyl-d14	100	65.23	65		36	145
PB159519BS	PB159519BS	BF137555.D	2-Fluorophenol	150	121.03	81		10	139
			Phenol-d6	150	115.14	77		10	134
			Nitrobenzene-d5	100	80.57	81		49	133
			2-Fluorobiphenyl	100	78.97	79		52	132
			2,4,6-Tribromophenol	150	143.52	96		32	145
			Terphenyl-d14	100	83.41	83		36	145
PB159519BSD	PB159519BSD	BF137556.D	2-Fluorophenol	150	117.97	79		10	139
			Phenol-d6	150	113.45	76		10	134
			Nitrobenzene-d5	100	78.64	79		49	133
			2-Fluorobiphenyl	100	77.25	77		52	132
			2,4,6-Tribromophenol	150	138.37	92		32	145
			Terphenyl-d14	100	82.26	82		36	145

Surrogate Summary

SW-846

SDG No.: **BF031124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1720-01	RT4196	BF137560.D	2-Fluorophenol	150	66.44	44		18	112
			Phenol-d6	150	62.51	42		15	107
			Nitrobenzene-d5	100	38.34	38		18	107
			2-Fluorobiphenyl	100	29.14	29		20	109
			2,4,6-Tribromophenol	150	54.91	37		10	110
			Terphenyl-d14	100	12.68	13	*	14	112
P1720-03	RT3471	BF137561.D	2-Fluorophenol	150	92.15	61		18	112
			Phenol-d6	150	87.77	59		15	107
			Nitrobenzene-d5	100	58.68	59		18	107
			2-Fluorobiphenyl	100	59.08	59		20	109
			2,4,6-Tribromophenol	150	83.40	56		10	110
			Terphenyl-d14	100	43.54	44		14	112
P1720-03MS	RT3471MS	BF137562.D	2-Fluorophenol	150	77.48	52		18	112
			Phenol-d6	150	73.82	49		15	107
			Nitrobenzene-d5	100	50.69	51		18	107
			2-Fluorobiphenyl	100	51.02	51		20	109
			2,4,6-Tribromophenol	150	73.31	49		10	110
			Terphenyl-d14	100	39.18	39		14	112
P1720-03MSD	RT3471MSD	BF137563.D	2-Fluorophenol	150	75.19	50		18	112
			Phenol-d6	150	71.92	48		15	107
			Nitrobenzene-d5	100	50.31	50		18	107
			2-Fluorobiphenyl	100	51.55	52		20	109
			2,4,6-Tribromophenol	150	69.29	46		10	110
			Terphenyl-d14	100	36.27	36		14	112
P1722-01	MG-COMP	BF137564.D	2-Fluorophenol	150	66.27	44		18	112
			Phenol-d6	150	68.74	46		15	107
			Nitrobenzene-d5	100	50.79	51		18	107
			2-Fluorobiphenyl	100	55.63	56		20	109
			2,4,6-Tribromophenol	150	47.86	32		10	110
			Terphenyl-d14	100	39.66	40		14	112
PB159533BL	PB159533BL	BF137559.D	2-Fluorophenol	150	114.39	76		18	112
			Phenol-d6	150	107.20	71		15	107
			Nitrobenzene-d5	100	76.18	76		18	107
			2-Fluorobiphenyl	100	74.49	74		20	109
			2,4,6-Tribromophenol	150	133.78	89		10	110
			Terphenyl-d14	100	69.28	69		14	112
PB159533BS	PB159533BS	BF137558.D	2-Fluorophenol	150	123.99	83		18	112
			Phenol-d6	150	118.54	79		15	107
			Nitrobenzene-d5	100	83.61	84		18	107
			2-Fluorobiphenyl	100	81.42	81		20	109
			2,4,6-Tribromophenol	150	152.21	101		10	110
			Terphenyl-d14	100	84.46	84		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF031124Lab Code: CHEMSAS No.: BF031124 SDG NO.: BF031124Lab File ID: BF137552.DDFTPP Injection Date: 03/11/2024Instrument ID: BNA_FDFTPP Injection Time: 12:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF137553.D	03/11/2024	13:10
PB159519BL	PB159519BL	BF137554.D	03/11/2024	13:41
PB159519BS	PB159519BS	BF137555.D	03/11/2024	14:11
PB159519BSD	PB159519BSD	BF137556.D	03/11/2024	14:43
SP-303-20240307	P1716-03	BF137557.D	03/11/2024	15:43
PB159533BS	PB159533BS	BF137558.D	03/11/2024	16:13
PB159533BL	PB159533BL	BF137559.D	03/11/2024	16:44
RT4196	P1720-01	BF137560.D	03/11/2024	17:16
RT3471	P1720-03	BF137561.D	03/11/2024	17:47
RT3471MS	P1720-03MS	BF137562.D	03/11/2024	18:18
RT3471MSD	P1720-03MSD	BF137563.D	03/11/2024	18:49
MG-COMP	P1722-01	BF137564.D	03/11/2024	19:18
TR-04-030724	P1710-01	BF137565.D	03/11/2024	19:48
RCA-1-COMP	P1701-01	BF137566.D	03/11/2024	20:18
RCA-2-COMP	P1701-02	BF137567.D	03/11/2024	20:49
RCA-3-COMP	P1701-03	BF137568.D	03/11/2024	21:20
SSTDCCC040EC	SSTDCCC040	BF137569.D	03/11/2024	21:50