

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF031524 SAS No.: BF031524 SDG No.: BF031524

Instrument ID: BNA_F Calibration Date/Time: 3/15/2024 1:15:34

Lab File ID: BF137610.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	0.608		-6.748	
Pyridine	1.741	1.626		-6.605	
2-Fluorophenol	1.321	1.324		0.227	
Benzaldehyde	0.934	0.870		-6.852	
Aniline	2.329	2.131		-8.502	
Phenol-d6	1.906	1.756		-7.87	
Phenol	2.052	1.929		-5.994	20.0
bis(2-Chloroethyl)ether	1.503	1.430		-4.857	
2-Chlorophenol	1.393	1.336		-4.092	
1,2-Dichlorobenzene	1.398	1.311		-6.223	
1,3-Dichlorobenzene	1.488	1.418		-4.704	
1,4-Dichlorobenzene	1.523	1.445		-5.121	20.0
Benzyl Alcohol	1.187	1.117		-5.897	
2-Methylphenol	1.303	1.190		-8.672	
2,2-oxybis(1-Chloropropane)	2.584	2.195		-15.054	
Acetophenone	0.484	0.466		-3.719	
3+4-Methylphenols	1.493	1.398		-6.363	
n-Nitroso-di-n-propylamine	1.177	1.014	0.050	-13.849	
Nitrobenzene-d5	0.430	0.417		-3.023	
Hexachloroethane	0.501	0.490		-2.196	
Nitrobenzene	0.432	0.422		-2.315	
Isophorone	0.818	0.744		-9.046	
2-Nitrophenol	0.172	0.180		4.651	20.0
2,4-Dimethylphenol	0.321	0.313		-2.492	
bis(2-Chloroethoxy)methane	0.480	0.456		-5.0	
2,4-Dichlorophenol	0.294	0.294		0.0	20.0
1,2,4-Trichlorobenzene	0.310	0.304		-1.935	
Benzoic acid	0.167	0.121		-27.545	
Naphthalene	1.073	1.032		-3.821	
4-Chloroaniline	0.421	0.416		-1.188	
Hexachlorobutadiene	0.183	0.182		-0.546	20.0
Caprolactam	0.100	0.097		-3.0	
4-Chloro-3-methylphenol	0.329	0.311		-5.471	20.0
2-Methylnaphthalene	0.684	0.647		-5.409	
Hexachlorocyclopentadiene	0.180	0.230	0.050	27.778	
2,4,6-Trichlorophenol	0.364	0.356		-2.198	20.0
2-Fluorobiphenyl	1.278	1.209		-5.399	
2,4,5-Trichlorophenol	0.419	0.420		0.239	
1,1-Biphenyl	1.464	1.412		-3.552	
2-Chloronaphthalene	1.116	1.076		-3.584	
2-Nitroaniline	0.379	0.381		0.528	

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 Lab File ID: BF137610.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
Dimethylphthalate	1.392	1.317		-5.388	
Acenaphthylene	1.786	1.701		-4.759	
2,6-Dinitrotoluene	0.291	0.289		-0.687	
3-Nitroaniline	0.308	0.307		-0.325	
Acenaphthene	1.066	1.004		-5.816	20.0
2,4-Dinitrophenol	0.111	0.114	0.050	2.703	
4-Nitrophenol	0.190	0.194	0.050	2.105	
Dibenzofuran	1.624	1.546		-4.803	
2,4-Dinitrotoluene	0.358	0.366		2.235	
Diethylphthalate	1.315	1.268		-3.574	
4-Chlorophenyl-phenylether	0.611	0.568		-7.038	
Fluorene	1.247	1.147		-8.019	
4-Nitroaniline	0.265	0.235		-11.321	
4,6-Dinitro-2-methylphenol	0.111	0.112		0.901	
n-Nitrosodiphenylamine	0.644	0.623		-3.261	20.0
Azobenzene	1.514	1.346		-11.096	
2,4,6-Tribromophenol	0.176	0.172		-2.273	
4-Bromophenyl-phenylether	0.218	0.216		-0.917	
Hexachlorobenzene	0.220	0.218		-0.909	
Atrazine	0.196	0.195		-0.51	
Pentachlorophenol	0.133	0.120		-9.774	20.0
Phenanthrene	1.088	1.032		-5.147	
Anthracene	1.118	1.088		-2.683	
Carbazole	0.958	0.921		-3.862	
Di-n-butylphthalate	1.139	1.103		-3.161	
Fluoranthene	1.064	1.023		-3.853	20.0
Benzidine	0.489	0.351		-28.221	
Pyrene	1.962	1.711		-12.793	
Terphenyl-d14	1.454	1.253		-13.824	
Butylbenzylphthalate	0.501	0.615		22.754	
3,3-Dichlorobenzidine	0.373	0.387		3.753	
Benzo (a) anthracene	1.402	1.289		-8.06	
Chrysene	1.417	1.340		-5.434	
Bis (2-ethylhexyl) phthalate	0.637	0.797		25.118	
Di-n-octyl phthalate	1.120	1.246		11.25	20.0
Benzo (b) fluoranthene	1.183	1.169		-1.183	
Benzo (k) fluoranthene	1.271	1.243		-2.203	
Benzo (a) pyrene	1.166	1.127		-3.345	20.0
Indeno (1,2,3-cd) pyrene	1.316	1.205		-8.435	
Dibenzo (a,h) anthracene	1.068	0.967		-9.457	
Benzo (g,h,i) perylene	1.096	1.020		-6.934	



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Lab File ID: BF137610.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	0.310		-7.738	
1-Methylnaphthalene	0.644	0.605		-6.056	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137611.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4	5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137611.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137611.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	91.842		60-140		92	SPK: -100
13127-88-3	Phenol-d6	84.335		60-140		84	SPK: -100
4165-60-0	Nitrobenzene-d5	84.124		60-140		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.83		60-140		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.212		60-140		85	SPK: -100
1718-51-0	Terphenyl-d14	77.708		60-140		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164876	6.728				
1146-65-2	Naphthalene-d8	640676	8.004				
15067-26-2	Acenaphthene-d10	350327	9.757				
1517-22-2	Phenanthrene-d10	572257	11.239				
1719-03-5	Chrysene-d12	350600	13.874				
1520-96-3	Perylene-d12	288694	15.298				

TENTATIVE IDENTIFIED COMPOUNDS



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

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137611.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	29.8	A			4.928	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	2.3	J			16.357	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BS	SDG No.:	BF031524
Lab Sample ID:	PB159613BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF137612.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.4		1	8	10	ug/L
110-86-1	Pyridine	33.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	15.1		4	8	10	ug/L
62-53-3	Aniline	21.4		1.6	4	5	ug/L
108-95-2	Phenol	42		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	39.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.2		1.4	4	5	ug/L
98-86-2	Acetophenone	45.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	40.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.2		1.5	4	5	ug/L
67-72-1	Hexachloroethane	47.4		1	4	5	ug/L
98-95-3	Nitrobenzene	43.4		1.3	4	5	ug/L
78-59-1	Isophorone	42.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	36.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.8		1.1	4	5	ug/L
65-85-0	Benzoic acid	37.3		5.5	8	10	ug/L
91-20-3	Naphthalene	43.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	11.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.7		1.3	4	5	ug/L
105-60-2	Caprolactam	43		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.3		1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BS	SDG No.:	BF031524
Lab Sample ID:	PB159613BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF137612.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	90.1	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	45		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	21.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	42.3		0.81	4	5	ug/L
Total PAH	Total PAH	709.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	82.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	81.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	42.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.8		1.5	4	5	ug/L
84-66-2	Diethylphthalate	43.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.7		0.98	4	5	ug/L
86-73-7	Fluorene	41.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	41.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.7		0.89	4	5	ug/L
103-33-3	Azobenzene	40.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	49.9		1.1	4	5	ug/L
1912-24-9	Atrazine	48.1		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	85.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.5		0.89	4	5	ug/L
120-12-7	Anthracene	43.5		1.1	4	5	ug/L
86-74-8	Carbazole	45.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BS	SDG No.:	BF031524
Lab Sample ID:	PB159613BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF137612.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	31.9		4.1	8	10	ug/L
129-00-0	Pyrene	40.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.4		0.94	4	5	ug/L
218-01-9	Chrysene	44.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	50.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	44.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	46		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	44		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.7		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.4		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	35.6		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	86.315		60-140		86	SPK: -100
13127-88-3	Phenol-d6	80.536		60-140		81	SPK: -100
4165-60-0	Nitrobenzene-d5	82.188		60-140		82	SPK: -100
321-60-8	2-Fluorobiphenyl	82.088		60-140		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	90.678		60-140		91	SPK: -100
1718-51-0	Terphenyl-d14	76.634		60-140		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174702	6.728				
1146-65-2	Naphthalene-d8	662837	8.01				
15067-26-2	Acenaphthene-d10	361357	9.763				
1517-22-2	Phenanthrene-d10	592768	11.245				
1719-03-5	Chrysene-d12	363148	13.88				
1520-96-3	Perylene-d12	315730	15.298				



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Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BS	SDG No.:	BF031524
Lab Sample ID:	PB159613BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF137612.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	1-Methylnaphthalene	41.9					

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BSD	SDG No.:	BF031524
Lab Sample ID:	PB159613BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF137613.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	38.3		1	8	10	ug/L
110-86-1	Pyridine	32.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.2		4	8	10	ug/L
62-53-3	Aniline	20.4		1.6	4	5	ug/L
108-95-2	Phenol	40.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	37.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.9		1.4	4	5	ug/L
98-86-2	Acetophenone	43.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	38.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.5		1.5	4	5	ug/L
67-72-1	Hexachloroethane	44.9		1	4	5	ug/L
98-95-3	Nitrobenzene	41		1.3	4	5	ug/L
78-59-1	Isophorone	40.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	34.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	36.9		5.5	8	10	ug/L
91-20-3	Naphthalene	41.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	10.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.3		1.3	4	5	ug/L
105-60-2	Caprolactam	40.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	41.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.6		1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BSD	SDG No.:	BF031524
Lab Sample ID:	PB159613BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF137613.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	88.1	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	43.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	20.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	40.9		0.81	4	5	ug/L
Total PAH	Total PAH	677.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	82.1	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	78.3		2	8	10	ug/L
132-64-9	Dibenzofuran	40.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	45.7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	42.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.9		0.98	4	5	ug/L
86-73-7	Fluorene	39.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.2		0.89	4	5	ug/L
103-33-3	Azobenzene	39.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.7		1.1	4	5	ug/L
1912-24-9	Atrazine	44.7		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	81.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	41		0.89	4	5	ug/L
120-12-7	Anthracene	41.1		1.1	4	5	ug/L
86-74-8	Carbazole	43.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	42.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BSD	SDG No.:	BF031524
Lab Sample ID:	PB159613BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF137613.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	32		4.1	8	10	ug/L
129-00-0	Pyrene	39.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	42.3		0.94	4	5	ug/L
218-01-9	Chrysene	43.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	41.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	43.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.3		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.9		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	34.2		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	84.114		60-140		84	SPK: -100
13127-88-3	Phenol-d6	78.343		60-140		78	SPK: -100
4165-60-0	Nitrobenzene-d5	77.682		60-140		78	SPK: -100
321-60-8	2-Fluorobiphenyl	79.418		60-140		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	87.166		60-140		87	SPK: -100
1718-51-0	Terphenyl-d14	73.272		60-140		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177128	6.728				
1146-65-2	Naphthalene-d8	685431	8.01				
15067-26-2	Acenaphthene-d10	367798	9.763				
1517-22-2	Phenanthrene-d10	614466	11.245				
1719-03-5	Chrysene-d12	368786	13.88				
1520-96-3	Perylene-d12	320365	15.298				



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Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BSD	SDG No.:	BF031524
Lab Sample ID:	PB159613BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF137613.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	1-Methylnaphthalene	39.3					

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137614.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4	5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137614.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137614.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	68.628		60-140		69	SPK: -100
13127-88-3	Phenol-d6	63.487		60-140		63	SPK: -100
4165-60-0	Nitrobenzene-d5	62.75		60-140		63	SPK: -100
321-60-8	2-Fluorobiphenyl	63.533		60-140		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	64.224		60-140		64	SPK: -100
1718-51-0	Terphenyl-d14	57.439	*	60-140		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225273	6.722				
1146-65-2	Naphthalene-d8	887267	8.004				
15067-26-2	Acenaphthene-d10	479601	9.757				
1517-22-2	Phenanthrene-d10	777788	11.239				
1719-03-5	Chrysene-d12	477900	13.874				
1520-96-3	Perylene-d12	406994	15.298				

TENTATIVE IDENTIFIED COMPOUNDS



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

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	PB159613BL	SDG No.:	BF031524
Lab Sample ID:	PB159613BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF137614.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	22.3	A			4.928	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BF031524
Lab Sample ID:	P1747-03	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF137615.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4.1	5.2	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BF031524
Lab Sample ID:	P1747-03	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF137615.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BF031524
Lab Sample ID:	P1747-03	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF137615.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	41.92	*	60-140		42	SPK: -100
13127-88-3	Phenol-d6	22.75	*	60-140		23	SPK: -100
4165-60-0	Nitrobenzene-d5	87.318		60-140		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.64		60-140		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.913		60-140		99	SPK: -100
1718-51-0	Terphenyl-d14	62.449		60-140		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122193	6.722				
1146-65-2	Naphthalene-d8	480505	8.004				
15067-26-2	Acenaphthene-d10	271859	9.757				
1517-22-2	Phenanthrene-d10	476309	11.239				
1719-03-5	Chrysene-d12	380092	13.874				
1520-96-3	Perylene-d12	326161	15.298				

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	MW-01	SDG No.:	BF031524
Lab Sample ID:	P1747-03	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF137615.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.6	A			4.899	
018805-25-9	Carbonimidodithioic acid, methyl-,	2.3	J			8.539	
000134-62-3	Diethyltoluamide	2.5	J			10.139	
000615-22-5	2-(Methylmercapto)benzothiazole	6.5	J			10.392	
000057-10-3	n-Hexadecanoic acid	3.1	J			11.775	
1010351-83-6	Octacosyl heptafluorobutyrate	2.7	J			13.733	
1000406-04-8	Pentadecafluorooctanoic acid, octa	3.9	J			14.463	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF031524
Lab Sample ID:	P1771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	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
BF137616.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.2	U	60.2	190	230	ug/Kg
110-86-1	Pyridine	55.4	U	55.4	90.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.2	U	67.2	90.1	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	58	90.1	120	ug/Kg
95-57-8	2-Chlorophenol	57.9	U	57.9	90.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.6	U	58.6	90.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.6	U	59.6	90.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.1	120	ug/Kg
100-51-6	Benzyl Alcohol	57.5	U	57.5	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	90.1	120	ug/Kg
98-86-2	Acetophenone	60.2	U	60.2	90.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.3	U	55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.9	U	27.9	55.4	55.4	ug/Kg
67-72-1	Hexachloroethane	57.5	U	57.5	90.1	120	ug/Kg
98-95-3	Nitrobenzene	62.9	U	62.9	90.1	120	ug/Kg
78-59-1	Isophorone	58.6	U	58.6	90.1	120	ug/Kg
88-75-5	2-Nitrophenol	65.5	U	65.5	90.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.6	U	64.6	90.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.5	U	59.5	90.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.3	U	52.3	90.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.2	U	59.2	90.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.2	U	57.2	90.1	120	ug/Kg
106-47-8	4-Chloroaniline	57.2	U	57.2	90.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.7	U	57.7	90.1	120	ug/Kg
105-60-2	Caprolactam	60.2	U	60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.7	U	53.7	90.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.2	U	57.2	90.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF031524
Lab Sample ID:	P1771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	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
BF137616.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.5	U	49.5	90.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.3	U	51.3	90.1	120	ug/Kg
92-52-4	1,1-Biphenyl	60.6	U	60.6	90.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.7	U	57.7	90.1	120	ug/Kg
88-74-4	2-Nitroaniline	65.8	U	65.8	90.1	120	ug/Kg
131-11-3	Dimethylphthalate	56.6	U	56.6	90.1	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.7	U	57.7	90.1	120	ug/Kg
99-09-2	3-Nitroaniline	61.8	U	61.8	90.1	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	90.1	120	ug/Kg
Total PAH	Total PAH	1535.3	U	918.3	90.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.4	U	80.4	190	230	ug/Kg
132-64-9	Dibenzofuran	58.5	U	58.5	90.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.7	U	59.7	90.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.4	U	117.4	90.1	240	ug/Kg
84-66-2	Diethylphthalate	55.5	U	55.5	90.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.3	U	59.3	90.1	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.1	120	ug/Kg
100-01-6	4-Nitroaniline	74.2	U	74.2	90.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.1	U	81.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.1	120	ug/Kg
103-33-3	Azobenzene	55.2	U	55.2	90.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.7	U	54.7	90.1	120	ug/Kg
118-74-1	Hexachlorobenzene	58.9	U	58.9	90.1	120	ug/Kg
1912-24-9	Atrazine	63.3	U	63.3	90.1	120	ug/Kg
87-86-5	Pentachlorophenol	53.6	U	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	97.5	J	58.2	90.1	120	ug/Kg
120-12-7	Anthracene	58.5	U	58.5	90.1	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.4	U	58.4	90.1	120	ug/Kg
206-44-0	Fluoranthene	280		56.6	90.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF031524
Lab Sample ID:	P1771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	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
BF137616.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	240		57.5	90.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.1	U	67.1	90.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.3	U	68.3	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	160		55.9	90.1	120	ug/Kg
218-01-9	Chrysene	140		55.1	90.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	90.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.2	U	76.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		56.2	90.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	63.9	J	57.2	90.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	150		64.5	90.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.9	J	54.1	90.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.3	U	56.3	90.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	55.5	90.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.2	U	60.2	90.1	120	ug/Kg
123-91-1	1,4-Dioxane	76.2	U	76.2	90.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.8	U	51.8	90.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.7	U	57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.961		18-112		47	SPK: -150
13127-88-3	Phenol-d6	68.149		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	43.249		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	41.588		20-109		42	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.834		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	34.78		14-112		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135768	6.722				
1146-65-2	Naphthalene-d8	526616	8.004				
15067-26-2	Acenaphthene-d10	284761	9.757				
1517-22-2	Phenanthrene-d10	505611	11.239				
1719-03-5	Chrysene-d12	330817	13.874				
1520-96-3	Perylene-d12	323905	15.298				

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF031524
Lab Sample ID:	P1771-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	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
BF137616.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
002051-30-1	Octane, 2,6-dimethyl-	320	J			8.434	
	unknown8.545	150	J			8.545	
	unknown8.692	170	J			8.692	
	unknown8.998	160	J			8.998	
	unknown9.157	540	J			9.157	
	unknown9.469	470	J			9.469	
000629-50-5	Tridecane	350	J			9.486	
	unknown9.522	190	J			9.522	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	330	J			9.622	
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	490	J			9.669	
	unknown10.022	180	J			10.022	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	160	J			10.081	
	unknown10.163	190	J			10.163	
000593-49-7	Heptacosane	250	J			10.416	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	610	J			10.681	
000613-33-2	4,4-Dimethylbiphenyl	270	J			10.881	
001812-51-7	1,1-Biphenyl, 2-ethyl-	270	J			10.992	
035599-77-0	Tridecane, 1-iodo-	290	J			11.145	
000610-48-0	Anthracene, 1-methyl-	250	J			11.851	
003674-65-5	Phenanthrene, 2,3-dimethyl-	170	J			12.292	

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1DL	SDG No.:	BF031524
Lab Sample ID:	P1771-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	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
BF137617.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	940	1100	ug/Kg
110-86-1	Pyridine	280	U	280	450	590	ug/Kg
100-52-7	Benzaldehyde	630	U	630	940	1100	ug/Kg
62-53-3	Aniline	340	U	340	450	590	ug/Kg
108-95-2	Phenol	290	U	290	450	590	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	450	590	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	450	590	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	450	590	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	450	590	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	450	590	ug/Kg
100-51-6	Benzyl Alcohol	290	U	290	940	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	450	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	450	590	ug/Kg
98-86-2	Acetophenone	300	U	300	450	590	ug/Kg
65794-96-9	3+4-Methylphenols	280	U	280	940	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	280	280	ug/Kg
67-72-1	Hexachloroethane	290	U	290	450	590	ug/Kg
98-95-3	Nitrobenzene	310	U	310	450	590	ug/Kg
78-59-1	Isophorone	290	U	290	450	590	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	590	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	450	590	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	300	450	590	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	450	590	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	450	590	ug/Kg
65-85-0	Benzoic acid	820	U	820	940	1100	ug/Kg
91-20-3	Naphthalene	290	U	290	450	590	ug/Kg
106-47-8	4-Chloroaniline	290	U	290	450	590	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	590	ug/Kg
105-60-2	Caprolactam	300	U	300	940	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	450	590	ug/Kg
91-57-6	2-Methylnaphthalene	290	U	290	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1DL	SDG No.:	BF031524
Lab Sample ID:	P1771-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF137617.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	540	U	540	940	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	450	590	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	450	590	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	450	590	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	590	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	450	590	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	450	590	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	590	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	450	590	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	450	590	ug/Kg
83-32-9	Acenaphthene	280	U	280	450	590	ug/Kg
Total PAH	Total PAH	4600	U	4600	450	9440	ug/Kg
51-28-5	2,4-Dinitrophenol	840	U	840	940	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	940	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	450	590	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	690	U	590	450	1180	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	450	590	ug/Kg
84-66-2	Diethylphthalate	280	U	280	450	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	U	300	450	590	ug/Kg
86-73-7	Fluorene	300	U	300	450	590	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	450	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	410	940	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	450	590	ug/Kg
103-33-3	Azobenzene	280	U	280	450	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	450	590	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	450	590	ug/Kg
1912-24-9	Atrazine	320	U	320	450	590	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	940	1100	ug/Kg
85-01-8	Phenanthrene	290	U	290	450	590	ug/Kg
120-12-7	Anthracene	290	U	290	450	590	ug/Kg
86-74-8	Carbazole	280	U	280	450	590	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	450	590	ug/Kg
206-44-0	Fluoranthene	290	JD	280	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1DL	SDG No.:	BF031524
Lab Sample ID:	P1771-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.04	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
BF137617.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	560	U	560	940	1100	ug/Kg
129-00-0	Pyrene	290	U	290	450	590	ug/Kg
85-68-7	Butylbenzylphthalate	340	U	340	450	590	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	940	1100	ug/Kg
56-55-3	Benzo(a)anthracene	280	U	280	450	590	ug/Kg
218-01-9	Chrysene	280	U	280	450	590	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	450	590	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	940	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	U	280	450	590	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	U	290	450	590	ug/Kg
50-32-8	Benzo(a)pyrene	320	U	320	450	590	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	270	450	590	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	450	590	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	U	280	450	590	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	450	590	ug/Kg
123-91-1	1,4-Dioxane	380	U	380	450	590	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	450	590	ug/Kg
90-12-0	1-Methylnaphthalene	290	U	290	590	590	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.455		18-112		49	SPK: -150
13127-88-3	Phenol-d6	70.135		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	42.09		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	47.44		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	70.79		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	38.645		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127819	6.722				
1146-65-2	Naphthalene-d8	502499	8.004				
15067-26-2	Acenaphthene-d10	278061	9.757				
1517-22-2	Phenanthrene-d10	499328	11.239				
1719-03-5	Chrysene-d12	326790	13.874				
1520-96-3	Perylene-d12	295085	15.298				



Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-1DL	SDG No.:	BF031524
Lab Sample ID:	P1771-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF137617.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

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

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF031524
Lab Sample ID:	P1771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF137618.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2600	U	2600	8000	9800	ug/Kg
110-86-1	Pyridine	2400	U	2400	3900	5000	ug/Kg
100-52-7	Benzaldehyde	5400	U	5400	8000	9800	ug/Kg
62-53-3	Aniline	2900	U	2900	3900	5000	ug/Kg
108-95-2	Phenol	2500	U	2500	3900	5000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2500	U	2500	3900	5000	ug/Kg
95-57-8	2-Chlorophenol	2500	U	2500	3900	5000	ug/Kg
95-50-1	1,2-Dichlorobenzene	2500	U	2500	3900	5000	ug/Kg
541-73-1	1,3-Dichlorobenzene	2500	U	2500	3900	5000	ug/Kg
106-46-7	1,4-Dichlorobenzene	2600	U	2600	3900	5000	ug/Kg
100-51-6	Benzyl Alcohol	2500	U	2500	8000	9800	ug/Kg
95-48-7	2-Methylphenol	2400	U	2400	3900	5000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2700	U	2700	3900	5000	ug/Kg
98-86-2	Acetophenone	2600	U	2600	3900	5000	ug/Kg
65794-96-9	3+4-Methylphenols	2400	U	2400	8000	9800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200	U	1200	2400	2400	ug/Kg
67-72-1	Hexachloroethane	2500	U	2500	3900	5000	ug/Kg
98-95-3	Nitrobenzene	2700	U	2700	3900	5000	ug/Kg
78-59-1	Isophorone	2500	U	2500	3900	5000	ug/Kg
88-75-5	2-Nitrophenol	2800	U	2800	3900	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	2800	U	2800	3900	5000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2500	U	2500	3900	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	2200	U	2200	3900	5000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2500	U	2500	3900	5000	ug/Kg
65-85-0	Benzoic acid	7000	U	7000	8000	9800	ug/Kg
91-20-3	Naphthalene	2400	U	2400	3900	5000	ug/Kg
106-47-8	4-Chloroaniline	2400	U	2400	3900	5000	ug/Kg
87-68-3	Hexachlorobutadiene	2500	U	2500	3900	5000	ug/Kg
105-60-2	Caprolactam	2600	U	2600	8000	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2300	U	2300	3900	5000	ug/Kg
91-57-6	2-Methylnaphthalene	2400	U	2400	3900	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF031524
Lab Sample ID:	P1771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF137618.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4600	U	4600	8000	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100	U	2100	3900	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200	U	2200	3900	5000	ug/Kg
92-52-4	1,1-Biphenyl	2600	U	2600	3900	5000	ug/Kg
91-58-7	2-Chloronaphthalene	2500	U	2500	3900	5000	ug/Kg
88-74-4	2-Nitroaniline	2800	U	2800	3900	5000	ug/Kg
131-11-3	Dimethylphthalate	2400	U	2400	3900	5000	ug/Kg
208-96-8	Acenaphthylene	2600	U	2600	3900	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	2500	U	2500	3900	5000	ug/Kg
99-09-2	3-Nitroaniline	2600	U	2600	3900	5000	ug/Kg
83-32-9	Acenaphthene	2400	U	2400	3900	5000	ug/Kg
Total PAH	Total PAH	39300	U	39300	3900	80000	ug/Kg
51-28-5	2,4-Dinitrophenol	7200	U	7200	8000	9800	ug/Kg
100-02-7	4-Nitrophenol	3400	U	3400	8000	9800	ug/Kg
132-64-9	Dibenzofuran	2500	U	2500	3900	5000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5100	U	5100	3900	10000	ug/Kg
121-14-2	2,4-Dinitrotoluene	2600	U	2600	3900	5000	ug/Kg
84-66-2	Diethylphthalate	2400	U	2400	3900	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2500	U	2500	3900	5000	ug/Kg
86-73-7	Fluorene	2500	U	2500	3900	5000	ug/Kg
100-01-6	4-Nitroaniline	3200	U	3200	3900	5000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500	U	3500	8000	9800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2400	U	2400	3900	5000	ug/Kg
103-33-3	Azobenzene	2400	U	2400	3900	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300	U	2300	3900	5000	ug/Kg
118-74-1	Hexachlorobenzene	2500	U	2500	3900	5000	ug/Kg
1912-24-9	Atrazine	2700	U	2700	3900	5000	ug/Kg
87-86-5	Pentachlorophenol	2300	U	2300	8000	9800	ug/Kg
85-01-8	Phenanthrene	2500	U	2500	3900	5000	ug/Kg
120-12-7	Anthracene	2500	U	2500	3900	5000	ug/Kg
86-74-8	Carbazole	2400	U	2400	3900	5000	ug/Kg
84-74-2	Di-n-butylphthalate	12900		2500	3900	5000	ug/Kg
206-44-0	Fluoranthene	2400	U	2400	3900	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF031524
Lab Sample ID:	P1771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF137618.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4800	U	4800	8000	9800	ug/Kg
129-00-0	Pyrene	2500	U	2500	3900	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2900	U	2900	3900	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2900	U	2900	8000	9800	ug/Kg
56-55-3	Benzo(a)anthracene	2400	U	2400	3900	5000	ug/Kg
218-01-9	Chrysene	2400	U	2400	3900	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73300		2700	3900	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	3300	U	3300	8000	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400	U	2400	3900	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400	U	2400	3900	5000	ug/Kg
50-32-8	Benzo(a)pyrene	2800	U	2800	3900	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300	U	2300	3900	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2400	U	2400	3900	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2400	U	2400	3900	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2600	U	2600	3900	5000	ug/Kg
123-91-1	1,4-Dioxane	3300	U	3300	3900	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200	U	2200	3900	5000	ug/Kg
90-12-0	1-Methylnaphthalene	2500	U	2500	5000	5000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.665		18-112		61	SPK: -150
13127-88-3	Phenol-d6	84.345		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	50.94		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	80.935		20-109		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	78.895		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	50.09		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113478	6.728				
1146-65-2	Naphthalene-d8	441372	8.004				
15067-26-2	Acenaphthene-d10	200314	9.757				
1517-22-2	Phenanthrene-d10	288442	11.251				
1719-03-5	Chrysene-d12	226856	13.91				
1520-96-3	Perylene-d12	267788	15.339				

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BF031524
Lab Sample ID:	P1771-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF137618.D	5	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
062016-28-8	Octane, 2,2,6-trimethyl-	11100	J			6.216	
000593-49-7	Heptacosane	21400	J			6.851	
003522-94-9	Hexane, 2,2,5-trimethyl-	10700	J			6.998	
062108-31-0	Heptane, 4-ethyl-2,2,6,6-tetrameth	15500	J			7.069	
1000309-14-3	Sulfurous acid, decyl pentyl ester	9100	J			7.163	
062237-97-2	Decane, 2,2,6-trimethyl-	8400	J			7.481	
000629-92-5	Nonadecane	10800	J			9.169	
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	34400	J			9.428	
	unknown9.669	13100	J			9.669	
000629-62-9	Pentadecane	10200	J			9.698	
056862-62-5	10-Methylnonadecane	9100	J			9.869	
1000309-12-6	Sulfurous acid, pentadecyl 2-propyl	8000	J			10.022	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	13900	J			10.169	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	15700	J			10.422	
017312-62-8	Decane, 5-propyl-	26900	J			10.686	
000629-94-7	Heneicosane	9000	J			11.122	
031081-18-2	Nonane, 3-methyl-5-propyl-	19800	J			11.151	
013287-23-5	Heptadecane, 8-methyl-	13300	J			11.551	
000630-01-3	Hexacosane	16400	J			11.963	
013287-24-6	Nonadecane, 9-methyl-	27200	J			12.122	

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BF031524
Lab Sample ID:	P1771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.01	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
BF137619.D	20	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10400	U	10400	32300	39500	ug/Kg
110-86-1	Pyridine	9600	U	9600	15600	20400	ug/Kg
100-52-7	Benzaldehyde	21800	U	21800	32300	39500	ug/Kg
62-53-3	Aniline	11600	U	11600	15600	20400	ug/Kg
108-95-2	Phenol	9900	U	9900	15600	20400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	10000	U	10000	15600	20400	ug/Kg
95-57-8	2-Chlorophenol	10000	U	10000	15600	20400	ug/Kg
95-50-1	1,2-Dichlorobenzene	10100	U	10100	15600	20400	ug/Kg
541-73-1	1,3-Dichlorobenzene	10300	U	10300	15600	20400	ug/Kg
106-46-7	1,4-Dichlorobenzene	10400	U	10400	15600	20400	ug/Kg
100-51-6	Benzyl Alcohol	9900	U	9900	32300	39500	ug/Kg
95-48-7	2-Methylphenol	9700	U	9700	15600	20400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	10900	U	10900	15600	20400	ug/Kg
98-86-2	Acetophenone	10400	U	10400	15600	20400	ug/Kg
65794-96-9	3+4-Methylphenols	9600	U	9600	32300	39500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	4800	U	4800	9600	9600	ug/Kg
67-72-1	Hexachloroethane	9900	U	9900	15600	20400	ug/Kg
98-95-3	Nitrobenzene	10900	U	10900	15600	20400	ug/Kg
78-59-1	Isophorone	10100	U	10100	15600	20400	ug/Kg
88-75-5	2-Nitrophenol	11300	U	11300	15600	20400	ug/Kg
105-67-9	2,4-Dimethylphenol	11200	U	11200	15600	20400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	10300	U	10300	15600	20400	ug/Kg
120-83-2	2,4-Dichlorophenol	9000	U	9000	15600	20400	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	10200	U	10200	15600	20400	ug/Kg
65-85-0	Benzoic acid	28400	U	28400	32300	39500	ug/Kg
91-20-3	Naphthalene	9900	U	9900	15600	20400	ug/Kg
106-47-8	4-Chloroaniline	9900	U	9900	15600	20400	ug/Kg
87-68-3	Hexachlorobutadiene	10000	U	10000	15600	20400	ug/Kg
105-60-2	Caprolactam	10400	U	10400	32300	39500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	9300	U	9300	15600	20400	ug/Kg
91-57-6	2-Methylnaphthalene	9900	U	9900	15600	20400	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BF031524
Lab Sample ID:	P1771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137619.D	20	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	18700	U	18700	32300	39500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8600	U	8600	15600	20400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	8900	U	8900	15600	20400	ug/Kg
92-52-4	1,1-Biphenyl	10500	U	10500	15600	20400	ug/Kg
91-58-7	2-Chloronaphthalene	10000	U	10000	15600	20400	ug/Kg
88-74-4	2-Nitroaniline	11400	U	11400	15600	20400	ug/Kg
131-11-3	Dimethylphthalate	9800	U	9800	15600	20400	ug/Kg
208-96-8	Acenaphthylene	10400	U	10400	15600	20400	ug/Kg
606-20-2	2,6-Dinitrotoluene	10000	U	10000	15600	20400	ug/Kg
99-09-2	3-Nitroaniline	10700	U	10700	15600	20400	ug/Kg
83-32-9	Acenaphthene	9700	U	9700	15600	20400	ug/Kg
Total PAH	Total PAH	158700	U	158700	15600	326400	ug/Kg
51-28-5	2,4-Dinitrophenol	29100	U	29100	32300	39500	ug/Kg
100-02-7	4-Nitrophenol	13900	U	13900	32300	39500	ug/Kg
132-64-9	Dibenzofuran	10100	U	10100	15600	20400	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20300	U	20300	15600	40800	ug/Kg
121-14-2	2,4-Dinitrotoluene	10300	U	10300	15600	20400	ug/Kg
84-66-2	Diethylphthalate	9600	U	9600	15600	20400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	10300	U	10300	15600	20400	ug/Kg
86-73-7	Fluorene	10200	U	10200	15600	20400	ug/Kg
100-01-6	4-Nitroaniline	12800	U	12800	15600	20400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	14000	U	14000	32300	39500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	9800	U	9800	15600	20400	ug/Kg
103-33-3	Azobenzene	9500	U	9500	15600	20400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	9400	U	9400	15600	20400	ug/Kg
118-74-1	Hexachlorobenzene	10200	U	10200	15600	20400	ug/Kg
1912-24-9	Atrazine	10900	U	10900	15600	20400	ug/Kg
87-86-5	Pentachlorophenol	9300	U	9300	32300	39500	ug/Kg
85-01-8	Phenanthrene	35400		10100	15600	20400	ug/Kg
120-12-7	Anthracene	10100	U	10100	15600	20400	ug/Kg
86-74-8	Carbazole	9600	U	9600	15600	20400	ug/Kg
84-74-2	Di-n-butylphthalate	10100	U	10100	15600	20400	ug/Kg
206-44-0	Fluoranthene	9800	U	9800	15600	20400	ug/Kg

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BF031524
Lab Sample ID:	P1771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.01	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
BF137619.D	20	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	19500	U	19500	32300	39500	ug/Kg
129-00-0	Pyrene	9900	U	9900	15600	20400	ug/Kg
85-68-7	Butylbenzylphthalate	11600	U	11600	15600	20400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	11800	U	11800	32300	39500	ug/Kg
56-55-3	Benzo(a)anthracene	9700	U	9700	15600	20400	ug/Kg
218-01-9	Chrysene	9500	U	9500	15600	20400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	10900	U	10900	15600	20400	ug/Kg
117-84-0	Di-n-octyl phthalate	13200	U	13200	32300	39500	ug/Kg
205-99-2	Benzo(b)fluoranthene	9700	U	9700	15600	20400	ug/Kg
207-08-9	Benzo(k)fluoranthene	9900	U	9900	15600	20400	ug/Kg
50-32-8	Benzo(a)pyrene	11100	U	11100	15600	20400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9400	U	9400	15600	20400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9700	U	9700	15600	20400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9600	U	9600	15600	20400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	10400	U	10400	15600	20400	ug/Kg
123-91-1	1,4-Dioxane	13200	U	13200	15600	20400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	8900	U	8900	15600	20400	ug/Kg
90-12-0	1-Methylnaphthalene	10000	U	10000	20400	20400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	36.36		18-112		24	SPK: -150
13127-88-3	Phenol-d6	44.86		15-107		30	SPK: -150
4165-60-0	Nitrobenzene-d5	33.4		18-107		33	SPK: -100
321-60-8	2-Fluorobiphenyl	68.78		20-109		69	SPK: -100
118-79-6	2,4,6-Tribromophenol	56.72		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	33.32		14-112		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129637	6.728				
1146-65-2	Naphthalene-d8	520679	8.004				
15067-26-2	Acenaphthene-d10	227007	9.763				
1517-22-2	Phenanthrene-d10	287006	11.257				
1719-03-5	Chrysene-d12	296123	13.88				
1520-96-3	Perylene-d12	354585	15.298				

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BF031524
Lab Sample ID:	P1771-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.01	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
BF137619.D	20	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown8.692	9800	J			8.692	
	unknown9.157	35100	J			9.157	
004575-46-6	Benzene, 1-cyclohexyl-3-methyl-	13700	J			9.392	
000575-41-7	Naphthalene, 1,3-dimethyl-	18000	J			9.422	
000575-43-9	Naphthalene, 1,6-dimethyl-	10100	J			9.445	
	unknown9.469	35600	J			9.469	
1000382-54-5	Carbonic acid, tetradecyl vinyl es	21000	J			9.486	
	unknown9.516	17800	J			9.516	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	36800	J			9.627	
	unknown9.669	58600	J			9.669	
	unknown9.704	29100	J			9.704	
	unknown9.875	18900	J			9.875	
031197-54-3	1,1,5,6-Tetramethyl-1,2,3,4-tetra	10100	J			9.904	
	unknown10.028	36600	J			10.028	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	32900	J			10.08	
	unknown10.133	18900	J			10.133	
	unknown10.169	69700	J			10.169	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	33100	J			10.304	
001120-21-4	Undecane	39400	J			10.428	
055045-07-3	Dodecane, 2-methyl-8-propyl-	79800	J			10.698	

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	MW-2DL	SDG No.:	BF031524
Lab Sample ID:	P1769-01DL	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
BF137620.D	50	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.5	U	51.5	400	500	ug/L
110-86-1	Pyridine	77.5	U	77.5	200	250	ug/L
100-52-7	Benzaldehyde	200	U	200	400	500	ug/L
62-53-3	Aniline	80	U	80	200	250	ug/L
108-95-2	Phenol	5200	ED	46.5	200	250	ug/L
111-44-4	bis(2-Chloroethyl)ether	59.5	U	59.5	200	250	ug/L
95-57-8	2-Chlorophenol	35.5	U	35.5	200	250	ug/L
95-50-1	1,2-Dichlorobenzene	44	U	44	200	250	ug/L
541-73-1	1,3-Dichlorobenzene	40	U	40	200	250	ug/L
106-46-7	1,4-Dichlorobenzene	42	U	42	200	250	ug/L
100-51-6	Benzyl Alcohol	80	U	80	400	500	ug/L
95-48-7	2-Methylphenol	2300	D	56.5	200	250	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	67.5	U	67.5	200	250	ug/L
98-86-2	Acetophenone	55	U	55	200	250	ug/L
65794-96-9	3+4-Methylphenols	1900	D	57.5	400	500	ug/L
621-64-7	n-Nitroso-di-n-propylamine	74	U	74	130	130	ug/L
67-72-1	Hexachloroethane	50.5	U	50.5	200	250	ug/L
98-95-3	Nitrobenzene	63.5	U	63.5	200	250	ug/L
78-59-1	Isophorone	57	U	57	200	250	ug/L
88-75-5	2-Nitrophenol	98	U	98	200	250	ug/L
105-67-9	2,4-Dimethylphenol	1000	D	75.5	200	250	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51	U	51	200	250	ug/L
120-83-2	2,4-Dichlorophenol	44	U	44	200	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	55	U	55	200	250	ug/L
65-85-0	Benzoic acid	270	U	270	400	500	ug/L
91-20-3	Naphthalene	51	U	51	200	250	ug/L
106-47-8	4-Chloroaniline	65	U	65	200	250	ug/L
87-68-3	Hexachlorobutadiene	63.5	U	63.5	200	250	ug/L
105-60-2	Caprolactam	82.5	U	82.5	400	500	ug/L
59-50-7	4-Chloro-3-methylphenol	42	U	42	200	250	ug/L
91-57-6	2-Methylnaphthalene	56.5	U	56.5	200	250	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	MW-2DL	SDG No.:	BF031524
Lab Sample ID:	P1769-01DL	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
BF137620.D	50	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	400	500	ug/L
88-06-2	2,4,6-Trichlorophenol	44.5	U	44.5	200	250	ug/L
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	200	250	ug/L
92-52-4	1,1-Biphenyl	45.5	U	45.5	200	250	ug/L
91-58-7	2-Chloronaphthalene	48.5	U	48.5	200	250	ug/L
88-74-4	2-Nitroaniline	70.5	U	70.5	200	250	ug/L
131-11-3	Dimethylphthalate	46.5	U	46.5	200	250	ug/L
208-96-8	Acenaphthylene	52	U	52	200	250	ug/L
606-20-2	2,6-Dinitrotoluene	62	U	62	200	250	ug/L
99-09-2	3-Nitroaniline	68.5	U	68.5	200	250	ug/L
83-32-9	Acenaphthene	40.5	U	40.5	200	250	ug/L
Total PAH	Total PAH	864.5	U	864.5	200	4000	ug/L
51-28-5	2,4-Dinitrophenol	320	U	320	400	500	ug/L
100-02-7	4-Nitrophenol	100	U	100	400	500	ug/L
132-64-9	Dibenzofuran	46.5	U	46.5	200	250	ug/L
121-14-2	2,4-Dinitrotoluene	76	U	76	200	250	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	38	U	138	200	500	ug/L
84-66-2	Diethylphthalate	52	U	52	200	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	200	250	ug/L
86-73-7	Fluorene	48	U	48	200	250	ug/L
100-01-6	4-Nitroaniline	100	U	100	200	250	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	400	500	ug/L
86-30-6	n-Nitrosodiphenylamine	44.5	U	44.5	200	250	ug/L
103-33-3	Azobenzene	60	U	60	200	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	200	250	ug/L
118-74-1	Hexachlorobenzene	57	U	57	200	250	ug/L
1912-24-9	Atrazine	63	U	63	200	250	ug/L
87-86-5	Pentachlorophenol	92.5	U	92.5	400	500	ug/L
85-01-8	Phenanthrene	44.5	U	44.5	200	250	ug/L
120-12-7	Anthracene	53.5	U	53.5	200	250	ug/L
86-74-8	Carbazole	57.5	U	57.5	200	250	ug/L
84-74-2	Di-n-butylphthalate	73.5	U	73.5	200	250	ug/L
206-44-0	Fluoranthene	64.5	U	64.5	200	250	ug/L

Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	MW-2DL	SDG No.:	BF031524
Lab Sample ID:	P1769-01DL	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
BF137620.D	50	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	200	U	200	400	500	ug/L
129-00-0	Pyrene	53	U	53	200	250	ug/L
85-68-7	Butylbenzylphthalate	110	U	110	200	250	ug/L
91-94-1	3,3-Dichlorobenzidine	64	U	64	400	500	ug/L
56-55-3	Benzo(a)anthracene	47	U	47	200	250	ug/L
218-01-9	Chrysene	43	U	43	200	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	94.5	U	94.5	200	250	ug/L
117-84-0	Di-n-octyl phthalate	130	U	130	400	500	ug/L
205-99-2	Benzo(b)fluoranthene	57	U	57	200	250	ug/L
207-08-9	Benzo(k)fluoranthene	59.5	U	59.5	200	250	ug/L
50-32-8	Benzo(a)pyrene	83.5	U	83.5	200	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	200	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.5	U	57.5	200	250	ug/L
191-24-2	Benzo(g,h,i)perylene	59	U	59	200	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	54.5	U	54.5	200	250	ug/L
123-91-1	1,4-Dioxane	62.5	U	62.5	200	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39.5	U	39.5	200	250	ug/L
90-12-0	1-Methylnaphthalene	43	U	43	200	250	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.75		10-139		32	SPK: -150
13127-88-3	Phenol-d6	37.7		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	87.1		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	116.45		52-132		116	SPK: -100
118-79-6	2,4,6-Tribromophenol	127.5		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	101.35		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121800	6.728				
1146-65-2	Naphthalene-d8	475231	8.004				
15067-26-2	Acenaphthene-d10	263433	9.757				
1517-22-2	Phenanthrene-d10	467263	11.239				
1719-03-5	Chrysene-d12	311826	13.874				
1520-96-3	Perylene-d12	317708	15.298				



Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	MW-2DL	SDG No.:	BF031524
Lab Sample ID:	P1769-01DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137620.D	50	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159612

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

SW-846

SDG No.: BF031524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-01								
P1747-03	MW-01	Water	2-(Methylmercapto)benzothiazole *	6.500	J			
P1747-03	MW-01	Water	2-Pentanone, 4-hydroxy-4-methyl *	9.600	A			
P1747-03	MW-01	Water	Carbonimidodithioic acid, methyl- *	2.300	J			
P1747-03	MW-01	Water	Diethyltoluamide *	2.500	J			
P1747-03	MW-01	Water	n-Hexadecanoic acid *	3.100	J			
P1747-03	MW-01	Water	Octacosyl heptafluorobutyrate *	2.700	J			
P1747-03	MW-01	Water	Pentadecafluorooctanoic acid, oct- *	3.900	J			
			Total Tics :	30.60				
			Total Concentration:	30.60				
Client ID : MW-2DL								
P1769-01DL	MW-2DL	Water	2,4-Dimethylphenol	1,000.000	D	75.5	250	ug/L
P1769-01DL	MW-2DL	Water	2-Methylphenol	2,300.000	D	56.5	250	ug/L
P1769-01DL	MW-2DL	Water	3+4-Methylphenols	1,900.000	D	57.5	500	ug/L
P1769-01DL	MW-2DL	Water	Phenol	5,200.000	ED	46.5	250	ug/L
			Total Svoc :	10,400.00				
			Total Concentration:	10,400.00				
Client ID : COMP-1								
P1771-01	COMP-1	Solid	1,1-Biphenyl, 2-ethyl- *	270.000	J			
P1771-01	COMP-1	Solid	1H-Indene, octahydro-2,2,4,4,7,7- *	490.000	J			
P1771-01	COMP-1	Solid	4,4-Dimethylbiphenyl *	270.000	J			
P1771-01	COMP-1	Solid	Anthracene, 1-methyl- *	250.000	J			
P1771-01	COMP-1	Solid	Decahydro-1,1,4a,5,6-pentamethy *	330.000	J			
P1771-01	COMP-1	Solid	Heptacosane *	250.000	J			
P1771-01	COMP-1	Solid	Naphthalene, 2,3,6-trimethyl- *	160.000	J			
P1771-01	COMP-1	Solid	Octane, 2,6-dimethyl- *	320.000	J			
P1771-01	COMP-1	Solid	Phenanthrene, 2,3-dimethyl- *	170.000	J			
P1771-01	COMP-1	Solid	Sulfurous acid, 2-ethylhexyl nony *	610.000	J			
P1771-01	COMP-1	Solid	Tridecane *	350.000	J			
P1771-01	COMP-1	Solid	Tridecane, 1-iodo- *	290.000	J			
P1771-01	COMP-1	Solid	unknown10.022 *	180.000	J			
P1771-01	COMP-1	Solid	unknown10.163 *	190.000	J			
P1771-01	COMP-1	Solid	unknown8.545 *	150.000	J			
P1771-01	COMP-1	Solid	unknown8.692 *	170.000	J			
P1771-01	COMP-1	Solid	unknown8.998 *	160.000	J			
P1771-01	COMP-1	Solid	unknown9.157 *	540.000	J			
P1771-01	COMP-1	Solid	unknown9.469 *	470.000	J			
P1771-01	COMP-1	Solid	unknown9.522 *	190.000	J			
			Total Tics :	5,810.00				

Hit Summary Sheet SW-846

SDG No.: BF031524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1771-01	COMP-1	Solid	Benzo(a)anthracene	160.000		55.9	120	ug/Kg
P1771-01	COMP-1	Solid	Benzo(a)pyrene	150.000		64.5	120	ug/Kg
P1771-01	COMP-1	Solid	Benzo(b)fluoranthene	210.000		56.2	120	ug/Kg
P1771-01	COMP-1	Solid	Benzo(g,h,i)perylene	110.000	J	55.5	120	ug/Kg
P1771-01	COMP-1	Solid	Benzo(k)fluoranthene	63.900	J	57.2	120	ug/Kg
P1771-01	COMP-1	Solid	Chrysene	140.000		55.1	120	ug/Kg
P1771-01	COMP-1	Solid	Fluoranthene	280.000		56.6	120	ug/Kg
P1771-01	COMP-1	Solid	Indeno(1,2,3-cd)pyrene	83.900	J	54.1	120	ug/Kg
P1771-01	COMP-1	Solid	Phenanthrene	97.500	J	58.2	120	ug/Kg
P1771-01	COMP-1	Solid	Pyrene	240.000		57.5	120	ug/Kg
Total Svoc :				1,535.30				
Total Concentration:				7,345.30				
Client ID :	COMP-1DL							
P1771-01DL	COMP-1DL	Solid	Fluoranthene	290.000	JD	280	590	ug/Kg
Total Svoc :				290.00				
Total Concentration:				290.00				
Client ID :	COMP-3							
P1771-05	COMP-3	Solid	10-Methylnonadecane	*	9,100.000	J		
P1771-05	COMP-3	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3	*	13,900.000	J		
P1771-05	COMP-3	Solid	Decane, 2,2,6-trimethyl-	*	8,400.000	J		
P1771-05	COMP-3	Solid	Decane, 5-propyl-	*	26,900.000	J		
P1771-05	COMP-3	Solid	Heneicosane	*	9,000.000	J		
P1771-05	COMP-3	Solid	Heptacosane	*	21,400.000	J		
P1771-05	COMP-3	Solid	Heptadecane, 8-methyl-	*	13,300.000	J		
P1771-05	COMP-3	Solid	Heptane, 4-ethyl-2,2,6,6-tetramethyl-	*	15,500.000	J		
P1771-05	COMP-3	Solid	Hexacosane	*	16,400.000	J		
P1771-05	COMP-3	Solid	Hexane, 2,2,5-trimethyl-	*	10,700.000	J		
P1771-05	COMP-3	Solid	Nonadecane	*	10,800.000	J		
P1771-05	COMP-3	Solid	Nonadecane, 9-methyl-	*	27,200.000	J		
P1771-05	COMP-3	Solid	Nonane, 3-methyl-5-propyl-	*	19,800.000	J		
P1771-05	COMP-3	Solid	Octane, 2,2,6-trimethyl-	*	11,100.000	J		
P1771-05	COMP-3	Solid	Pentadecane	*	10,200.000	J		
P1771-05	COMP-3	Solid	Pentadecane, 2,6,10-trimethyl-	*	15,700.000	J		
P1771-05	COMP-3	Solid	Phenol, 2,6-bis(1,1-dimethylethyl)-	*	34,400.000	J		
P1771-05	COMP-3	Solid	Sulfurous acid, decyl pentyl ester	*	9,100.000	J		
P1771-05	COMP-3	Solid	Sulfurous acid, pentadecyl 2-propyl-	*	8,000.000	J		
P1771-05	COMP-3	Solid	unknown9.669	*	13,100.000	J		
Total Tics :				304,000.00				
P1771-05	COMP-3	Solid	Bis(2-ethylhexyl)phthalate	73,300.000		2700	5000	ug/Kg
P1771-05	COMP-3	Solid	Di-n-butylphthalate	12,900.000		2500	5000	ug/Kg
Total Svoc :				86,200.00				

Hit Summary Sheet SW-846

SDG No.: BF031524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	390,200.00				
Client ID :	COMP-4							
P1771-07	COMP-4	Solid	1,1,5,6-Tetramethyl-1,2,3,4-tetra	*	10,100.000	J		
P1771-07	COMP-4	Solid	Benzene, 1-cyclohexyl-3-methyl-	*	13,700.000	J		
P1771-07	COMP-4	Solid	Carbonic acid, tetradecyl vinyl es	*	21,000.000	J		
P1771-07	COMP-4	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	36,800.000	J		
P1771-07	COMP-4	Solid	Dodecane, 2-methyl-8-propyl-	*	79,800.000	J		
P1771-07	COMP-4	Solid	Naphthalene, 1,3-dimethyl-	*	18,000.000	J		
P1771-07	COMP-4	Solid	Naphthalene, 1,4,6-trimethyl-	*	32,900.000	J		
P1771-07	COMP-4	Solid	Naphthalene, 1,6,7-trimethyl-	*	33,100.000	J		
P1771-07	COMP-4	Solid	Naphthalene, 1,6-dimethyl-	*	10,100.000	J		
P1771-07	COMP-4	Solid	Undecane	*	39,400.000	J		
P1771-07	COMP-4	Solid	unknown10.028	*	36,600.000	J		
P1771-07	COMP-4	Solid	unknown10.133	*	18,900.000	J		
P1771-07	COMP-4	Solid	unknown10.169	*	69,700.000	J		
P1771-07	COMP-4	Solid	unknown8.692	*	9,800.000	J		
P1771-07	COMP-4	Solid	unknown9.157	*	35,100.000	J		
P1771-07	COMP-4	Solid	unknown9.469	*	35,600.000	J		
P1771-07	COMP-4	Solid	unknown9.516	*	17,800.000	J		
P1771-07	COMP-4	Solid	unknown9.669	*	58,600.000	J		
P1771-07	COMP-4	Solid	unknown9.704	*	29,100.000	J		
P1771-07	COMP-4	Solid	unknown9.875	*	18,900.000	J		
			Total Tics :	625,000.00				
P1771-07	COMP-4	Solid	Phenanthrene		35,400.000	10100	20400	ug/Kg
			Total Svoc :	35,400.00				
			Total Concentration:	660,400.00				



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.: BF031524 SAS No.: BF031524 SDG NO.: BF031524EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 15 2024 12:00AMLab File ID: BF137443.D Time Analyzed: 16:03Instrument 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 PB159613BL	164876	6.73	640676	8.00	350327	9.76
02 PB159613BS	174702	6.73	662837	8.01	361357	9.76
03 PB159613BSD	177128	6.73	685431	8.01	367798	9.76
04 PB159613BL	225273	6.72	887267	8.00	479601	9.76
05 MW-01	122193	6.72	480505	8.00	271859	9.76
06 COMP-1	135768	6.72	526616	8.00	284761	9.76
07 COMP-1DL	127819	6.72	502499	8.00	278061	9.76
08 COMP-3	113478	6.73	441372	8.00	200314 *	9.76
09 COMP-4	129637	6.73	520679	8.00	227007 *	9.76
10 MW-2DL	121800	6.73	475231	8.00	263433	9.76

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF031524 SAS No.: BF031524 SDG NO.: BF031524EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 15 2024 12:00AMLab File ID: BF137610.D Time Analyzed: 16:03Instrument 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	156491	6.728	579710	8.01	317075	9.76
UPPER LIMIT	312982	7.228	1159420	8.51	634150	10.263
LOWER LIMIT	78245.5	6.228	289855	7.51	158537.5	9.263
EPA SAMPLE NO.						
01 PB159613BL	164876	6.73	640676	8.00	350327	9.76
02 PB159613BS	174702	6.73	662837	8.01	361357	9.76
03 PB159613BSD	177128	6.73	685431	8.01	367798	9.76
04 PB159613BL	225273	6.72	887267	8.00	479601	9.76
05 MW-01	122193	6.72	480505	8.00	271859	9.76
06 COMP-1	135768	6.72	526616	8.00	284761	9.76
07 COMP-1DL	127819	6.72	502499	8.00	278061	9.76
08 COMP-3	113478	6.73	441372	8.00	200314	9.76
09 COMP-4	129637	6.73	520679	8.00	227007	9.76
10 MW-2DL	121800	6.73	475231	8.00	263433	9.76

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.: BF031524 SAS No.: BF031524 SDG NO.: BF031524

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BF137443.D Time Analyzed: 16:03

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 PB159613BL	572257	11.24	350600	13.87	288694	15.30
02 PB159613BS	592768	11.25	363148	13.88	315730	15.30
03 PB159613BSD	614466	11.25	368786	13.88	320365	15.30
04 PB159613BL	777788	11.24	477900	13.87	406994	15.30
05 MW-01	476309	11.24	380092	13.87	326161	15.30
06 COMP-1	505611	11.24	330817	13.87	323905	15.30
07 COMP-1DL	499328	11.24	326790	13.87	295085	15.30
08 COMP-3	288442 *	11.25	226856	13.91	267788	15.34
09 COMP-4	287006 *	11.26	296123	13.88	354585	15.30
10 MW-2DL	467263	11.24	311826	13.87	317708	15.30

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.: BF031524 SAS No.: BF031524 SDG NO.: BF031524

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BF137610.D Time Analyzed: 16:03

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	518790	11.245	315670	13.874	268004	15.298
UPPER LIMIT	1037580	11.745	631340	14.374	536008	15.798
LOWER LIMIT	259395	10.745	157835	13.374	134002	14.798
EPA SAMPLE NO.						
01 PB159613BL	572257	11.24	350600	13.87	288694	15.30
02 PB159613BS	592768	11.25	363148	13.88	315730	15.30
03 PB159613BSD	614466	11.25	368786	13.88	320365	15.30
04 PB159613BL	777788	11.24	477900	13.87	406994	15.30
05 MW-01	476309	11.24	380092	13.87	326161	15.30
06 COMP-1	505611	11.24	330817	13.87	323905	15.30
07 COMP-1DL	499328	11.24	326790	13.87	295085	15.30
08 COMP-3	288442	11.25	226856	13.91	267788	15.34
09 COMP-4	287006	11.26	296123	13.88	354585	15.30
10 MW-2DL	467263	11.24	311826	13.87	317708	15.30

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.: BF031524

Client: _____

Analytical Method: 625.1

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159613BS	n-Nitrosodimethylamine	50	40.4	ug/L	81				52	110	
	Pyridine	50	33.9	ug/L	68				55	145	
	Benzaldehyde	50	15.1	ug/L	30				10	110	
	Aniline	50	21.4	ug/L	43		*		50	150	
	Phenol	50	42	ug/L	84				48	130	
	bis(2-Chloroethyl)ether	50	43.4	ug/L	87				52	130	
	2-Chlorophenol	50	45.8	ug/L	92				55	130	
	1,2-Dichlorobenzene	50	46.4	ug/L	93				32	129	
	1,3-Dichlorobenzene	50	45	ug/L	90				1	172	
	1,4-Dichlorobenzene	50	44.9	ug/L	90				20	124	
	Benzyl Alcohol	50	46.7	ug/L	93				10	156	
	2-Methylphenol	50	39.5	ug/L	79				15	153	
	2,2-oxybis(1-Chloropropane)	50	39.2	ug/L	78				63	139	
	Acetophenone	50	45.6	ug/L	91				21	128	
	3+4-Methylphenols	50	40.4	ug/L	81				10	156	
	N-Nitroso-di-n-propylamine	50	40.2	ug/L	80				59	170	
	Hexachloroethane	50	47.4	ug/L	95				55	130	
	Nitrobenzene	50	43.4	ug/L	87				54	158	
	Isophorone	50	42.7	ug/L	85				52	180	
	2-Nitrophenol	50	49.2	ug/L	98				61	163	
	2,4-Dimethylphenol	50	36.6	ug/L	73				58	130	
	bis(2-Chloroethoxy)methane	50	43.8	ug/L	88				52	164	
	2,4-Dichlorophenol	50	46.3	ug/L	93				64	130	
	1,2,4-Trichlorobenzene	50	46.8	ug/L	94				44	142	
	Benzoic acid	50	37.3	ug/L	75				10	159	
	Naphthalene	50	43.9	ug/L	88				70	130	
	4-Chloroaniline	50	11.5	ug/L	23				10	126	
	Hexachlorobutadiene	50	45.7	ug/L	91				68	130	
	Caprolactam	50	43	ug/L	86				10	160	
	4-Chloro-3-methylphenol	50	44.3	ug/L	89				68	130	
	2-Methylnaphthalene	50	42.3	ug/L	85				25	124	
	Hexachlorocyclopentadiene	100	90.1	ug/L	90				21	137	
	2,4,6-Trichlorophenol	50	46.4	ug/L	93				69	130	
	2,4,5-Trichlorophenol	50	41.5	ug/L	83				74	100	
	1,1-Biphenyl	50	44.2	ug/L	88				20	125	
	2-Chloronaphthalene	50	45.7	ug/L	91				70	130	
	2-Nitroaniline	50	45.9	ug/L	92				61	112	
	Dimethylphthalate	50	43.6	ug/L	87				50	130	
	Acenaphthylene	50	45	ug/L	90				60	130	
	2,6-Dinitrotoluene	50	46.4	ug/L	93				68	137	
	3-Nitroaniline	50	21.1	ug/L	42				35	106	
	Acenaphthene	50	42.3	ug/L	85				70	130	
	Total PAH	800	709.2	ug/L	89				70	130	
	2,4-Dinitrophenol	100	82.9	ug/L	83				39	173	
	4-Nitrophenol	100	81.6	ug/L	82				35	130	
	Dibenzofuran	50	42.4	ug/L	85				29	125	

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

SDG No.: BF031524

Client: _____

Analytical Method: 625.1

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159613BS	2,4-Dinitrotoluene	50	46.8	ug/L	94				53	130		
	2,4-Dinitrotoluene/2,6-Dinitro	100	93.2	ug/L	93				53	130		
	Diethylphthalate	50	43.4	ug/L	87				47	130		
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				57	145		
	Fluorene	50	41.8	ug/L	84				70	130		
	4-Nitroaniline	50	41.5	ug/L	83				69	101		
	4,6-Dinitro-2-methylphenol	50	53.6	ug/L	107				56	130		
	N-Nitrosodiphenylamine	50	44.7	ug/L	89				63	100		
	Azobenzene	50	40.8	ug/L	82				58	105		
	4-Bromophenyl-phenylether	50	45.6	ug/L	91				70	130		
	Hexachlorobenzene	50	49.9	ug/L	100				38	142		
	Atrazine	50	48.1	ug/L	96				51	130		
	Pentachlorophenol	100	85.8	ug/L	86				42	152		
	Phenanthrene	50	43.5	ug/L	87				67	130		
	Anthracene	50	43.5	ug/L	87				58	130		
	Carbazole	50	45.2	ug/L	90				60	125		
	Di-n-butylphthalate	50	44.9	ug/L	90				52	130		
	Fluoranthene	50	44.7	ug/L	89				47	130		
	Benzidine	100	31.9	ug/L	32				10	133		
	Pyrene	50	40.5	ug/L	81				70	130		
	Butylbenzylphthalate	50	58.5	ug/L	117				43	140		
	3,3-Dichlorobenzidine	50	32.1	ug/L	64				18	213		
	Benzo(a)anthracene	50	44.4	ug/L	89				42	133		
	Chrysene	50	44.5	ug/L	89				44	140		
	bis(2-Ethylhexyl)phthalate	50	59	ug/L	118				43	137		
	Di-n-octyl phthalate	50	50.7	ug/L	101				21	132		
	Benzo(b)fluoranthene	50	52.2	ug/L	104				42	140		
	Benzo(k)fluoranthene	50	44.7	ug/L	89				25	146		
	Benzo(a)pyrene	50	46	ug/L	92				32	148		
	Indeno(1,2,3-cd)pyrene	50	45.1	ug/L	90				13	151		
	Dibenz(a,h)anthracene	50	44	ug/L	88				13	200		
	Benzo(g,h,i)perylene	50	43.1	ug/L	86				13	195		
	1,2,4,5-Tetrachlorobenzene	50	46.7	ug/L	93				70	130		
	2,3,4,6-Tetrachlorophenol	50	44.4	ug/L	89				70	130		
	1,4-Dioxane	50	35.6	ug/L	71				70	130		
PB159613BSD	n-Nitrosodimethylamine	50	38.3	ug/L	77	5			52	110		20
	Pyridine	50	32.5	ug/L	65	4			55	145		20
	Benzaldehyde	50	14.2	ug/L	28	6			10	110		20
	Aniline	50	20.4	ug/L	41	5	*		50	150		20
	Phenol	50	40.4	ug/L	81	4			48	130		20
	bis(2-Chloroethyl)ether	50	41.8	ug/L	84	4			52	130		20
	2-Chlorophenol	50	43.4	ug/L	87	5			55	130		20
	1,2-Dichlorobenzene	50	43.9	ug/L	88	6			32	129		20
	1,3-Dichlorobenzene	50	43.1	ug/L	86	4			1	172		20
	1,4-Dichlorobenzene	50	42.5	ug/L	85	5			20	124		20
	Benzyl Alcohol	50	43.4	ug/L	87	7			10	156		20



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

SDG No.: BF031524

Client: _____

Analytical Method: **625.1**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159613BSD	2-Methylphenol	50	37.6	ug/L	75	5			15	153	20
	2,2-oxybis(1-Chloropropane)	50	37.9	ug/L	76	3			63	139	20
	Acetophenone	50	43.5	ug/L	87	5			21	128	20
	3+4-Methylphenols	50	38.9	ug/L	78	4			10	156	20
	N-Nitroso-di-n-propylamine	50	38.5	ug/L	77	4			59	170	20
	Hexachloroethane	50	44.9	ug/L	90	5			55	130	20
	Nitrobenzene	50	41	ug/L	82	6			54	158	20
	Isophorone	50	40.3	ug/L	81	6			52	180	20
	2-Nitrophenol	50	46.4	ug/L	93	6			61	163	20
	2,4-Dimethylphenol	50	34.5	ug/L	69	6			58	130	20
	bis(2-Chloroethoxy)methane	50	41.4	ug/L	83	6			52	164	20
	2,4-Dichlorophenol	50	43.2	ug/L	86	7			64	130	20
	1,2,4-Trichlorobenzene	50	44.3	ug/L	89	5			44	142	20
	Benzoic acid	50	36.9	ug/L	74	1			10	159	20
	Naphthalene	50	41.7	ug/L	83	5			70	130	20
	4-Chloroaniline	50	10.6	ug/L	21	8			10	126	20
	Hexachlorobutadiene	50	43.3	ug/L	87	5			68	130	20
	Caprolactam	50	40.7	ug/L	81	5			10	160	20
	4-Chloro-3-methylphenol	50	41.8	ug/L	84	6			68	130	20
	2-Methylnaphthalene	50	40.6	ug/L	81	4			25	124	20
	Hexachlorocyclopentadiene	100	88.1	ug/L	88	2			21	137	20
	2,4,6-Trichlorophenol	50	44.8	ug/L	90	4			69	130	20
	2,4,5-Trichlorophenol	50	41.3	ug/L	83	0			74	100	20
	1,1-Biphenyl	50	42.7	ug/L	85	3			20	125	20
	2-Chloronaphthalene	50	43.6	ug/L	87	5			70	130	20
	2-Nitroaniline	50	44.7	ug/L	89	3			61	112	20
	Dimethylphthalate	50	41.9	ug/L	84	4			50	130	20
	Acenaphthylene	50	43.7	ug/L	87	3			60	130	20
	2,6-Dinitrotoluene	50	44.2	ug/L	88	5			68	137	20
	3-Nitroaniline	50	20.1	ug/L	40	5			35	106	20
	Acenaphthene	50	40.9	ug/L	82	3			70	130	20
	Total PAH	800	677.3	ug/L	85	5			70	130	20
	2,4-Dinitrophenol	100	82.1	ug/L	82	1			39	173	20
	4-Nitrophenol	100	78.3	ug/L	78	4			35	130	20
	Dibenzofuran	50	40.6	ug/L	81	4			29	125	20
	2,4-Dinitrotoluene	50	45.7	ug/L	91	2			53	130	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	89.9	ug/L	90	4			53	130	20
	Diethylphthalate	50	42.3	ug/L	85	3			47	130	20
	4-Chlorophenyl-phenylether	50	39.9	ug/L	80	4			57	145	20
	Fluorene	50	39.7	ug/L	79	5			70	130	20
	4-Nitroaniline	50	40.4	ug/L	81	3			69	101	20
	4,6-Dinitro-2-methylphenol	50	50.3	ug/L	101	6			56	130	20
	N-Nitrosodiphenylamine	50	42.2	ug/L	84	6			63	100	20
	Azobenzene	50	39.4	ug/L	79	3			58	105	20
	4-Bromophenyl-phenylether	50	43.4	ug/L	87	5			70	130	20
	Hexachlorobenzene	50	46.7	ug/L	93	7			38	142	20



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

SDG No.: BF031524

Client:

Analytical Method: 625.1

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159613BSD	Atrazine	50	44.7	ug/L	89	7			51	130	20
	Pentachlorophenol	100	81.3	ug/L	81	5			42	152	20
	Phenanthrene	50	41	ug/L	82	6			67	130	20
	Anthracene	50	41.1	ug/L	82	6			58	130	20
	Carbazole	50	43.1	ug/L	86	5			60	125	20
	Di-n-butylphthalate	50	42.2	ug/L	84	6			52	130	20
	Fluoranthene	50	42.1	ug/L	84	6			47	130	20
	Benzidine	100	32	ug/L	32	0			10	133	20
	Pyrene	50	39.1	ug/L	78	4			70	130	20
	Butylbenzylphthalate	50	56.3	ug/L	113	4			43	140	20
	3,3-Dichlorobenzidine	50	31.6	ug/L	63	2			18	213	20
	Benzo(a)anthracene	50	42.3	ug/L	85	5			42	133	20
	Chrysene	50	43.2	ug/L	86	3			44	140	20
	bis(2-Ethylhexyl)phthalate	50	55.4	ug/L	111	6			43	137	20
	Di-n-octyl phthalate	50	48.4	ug/L	97	5			21	132	20
	Benzo(b)fluoranthene	50	49.9	ug/L	100	5			42	140	20
	Benzo(k)fluoranthene	50	41.7	ug/L	83	7			25	146	20
	Benzo(a)pyrene	50	44.1	ug/L	88	4			32	148	20
	Indeno(1,2,3-cd)pyrene	50	43.4	ug/L	87	4			13	151	20
	Dibenz(a,h)anthracene	50	41.8	ug/L	84	5			13	200	20
	Benzo(g,h,i)perylene	50	41.6	ug/L	83	4			13	195	20
	1,2,4,5-Tetrachlorobenzene	50	44.3	ug/L	89	5			70	130	20
	2,3,4,6-Tetrachlorophenol	50	42.9	ug/L	86	3			70	130	20
	1,4-Dioxane	50	34.2	ug/L	68	4	*		70	130	20



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

COMP-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031524SAS No.: BF031524 SDG NO.: BF031524Lab File ID: BF137616.DLab Sample ID: P1771-01Instrument ID: BNA_FDate Extracted: 03/15/2024Matrix: (soil/water) SolidDate Analyzed: 03/15/2024Level: (low/med) LOWTime Analyzed: 18:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
COMP-1	P1771-01	BF137616.D	03/15/2024
COMP-3	P1771-05	BF137618.D	03/15/2024
COMP-4	P1771-07	BF137619.D	03/15/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159613BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF031524SAS No.: BF031524 SDG NO.: BF031524Lab File ID: BF137611.DLab Sample ID: PB159613BLInstrument ID: BNA_FDate Extracted: 03/14/2024Matrix: (soil/water) WaterDate Analyzed: 03/15/2024Level: (low/med) LOWTime Analyzed: 16:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-01	P1747-03	BF137615.D	03/15/2024
PB159613BS	PB159613BS	BF137612.D	03/15/2024
PB159613BSD	PB159613BSD	BF137613.D	03/15/2024

COMMENTS: _____



Surrogate Summary

SW-846

SDG No.: BF031524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1771-01	COMP-1	BF137616.D	2-Fluorophenol	150	70.96	47		18	112
			Phenol-d6	150	68.15	45		15	107
			Nitrobenzene-d5	100	43.25	43		18	107
			2-Fluorobiphenyl	100	41.59	42		20	109
			2,4,6-Tribromophenol	150	72.83	49		10	110
			Terphenyl-d14	100	34.78	35		14	112
P1771-01DL	COMP-1DL	BF137617.D	2-Fluorophenol	150	73.46	49		18	112
			Phenol-d6	150	70.14	47		15	107
			Nitrobenzene-d5	100	42.09	42		18	107
			2-Fluorobiphenyl	100	47.44	47		20	109
			2,4,6-Tribromophenol	150	70.79	47		10	110
			Terphenyl-d14	100	38.65	39		14	112
P1771-05	COMP-3	BF137618.D	2-Fluorophenol	150	91.67	61		18	112
			Phenol-d6	150	84.35	56		15	107
			Nitrobenzene-d5	100	50.94	51		18	107
			2-Fluorobiphenyl	100	80.94	81		20	109
			2,4,6-Tribromophenol	150	78.90	53		10	110
			Terphenyl-d14	100	50.09	50		14	112
P1771-07	COMP-4	BF137619.D	2-Fluorophenol	150	36.36	24		18	112
			Phenol-d6	150	44.86	30		15	107
			Nitrobenzene-d5	100	33.40	33		18	107
			2-Fluorobiphenyl	100	68.78	69		20	109
			2,4,6-Tribromophenol	150	56.72	38		10	110
			Terphenyl-d14	100	33.32	33		14	112



Surrogate Summary
SW-846

SDG No.: BF031524

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1769-01DL	MW-2DL	BF137620.D	2-Fluorophenol	150	47.75	32		10	139
			Phenol-d6	150	37.70	25		10	134
			Nitrobenzene-d5	100	87.10	87		49	133
			2-Fluorobiphenyl	100	116.45	116		52	132
			2,4,6-Tribromophenol	150	127.50	85		32	145
			Terphenyl-d14	100	101.35	101		36	145

Surrogate Summary

SW-846

SDG No.: BF031524

Client: _____

Analytical Method: 625.1

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1747-03	MW-01	BF137615.D	2-Fluorophenol	100	41.92	42	*	60	140
			Phenol-d6	100	22.75	23	*	60	140
			Nitrobenzene-d5	100	87.32	87		60	140
			2-Fluorobiphenyl	100	86.64	87		60	140
			2,4,6-Tribromophenol	100	98.91	99		60	140
			Terphenyl-d14	100	62.45	62		60	140
PB159613BL	PB159613BL	BF137614.D	2-Fluorophenol	100	68.63	69		60	140
		BF137611.D	2-Fluorophenol	100	91.84	92		60	140
			Phenol-d6	100	84.34	84		60	140
		BF137614.D	Phenol-d6	100	63.49	63		60	140
			Nitrobenzene-d5	100	62.75	63		60	140
		BF137611.D	Nitrobenzene-d5	100	84.12	84		60	140
			2-Fluorobiphenyl	100	85.83	86		60	140
		BF137614.D	2-Fluorobiphenyl	100	63.53	64		60	140
			2,4,6-Tribromophenol	100	64.22	64		60	140
		BF137611.D	2,4,6-Tribromophenol	100	85.21	85		60	140
			Terphenyl-d14	100	77.71	78		60	140
		BF137614.D	Terphenyl-d14	100	57.44	57	*	60	140
PB159613BS	PB159613BS	BF137612.D	2-Fluorophenol	100	86.32	86		60	140
			Phenol-d6	100	80.54	81		60	140
			Nitrobenzene-d5	100	82.19	82		60	140
			2-Fluorobiphenyl	100	82.09	82		60	140
			2,4,6-Tribromophenol	100	90.68	91		60	140
			Terphenyl-d14	100	76.63	77		60	140
PB159613BSD	PB159613BSD	BF137613.D	2-Fluorophenol	100	84.11	84		60	140
			Phenol-d6	100	78.34	78		60	140
			Nitrobenzene-d5	100	77.68	78		60	140
			2-Fluorobiphenyl	100	79.42	79		60	140
			2,4,6-Tribromophenol	100	87.17	87		60	140
			Terphenyl-d14	100	73.27	73		60	140



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF031524Lab Code: CHEMSAS No.: BF031524 SDG NO.: BF031524Lab File ID: BF137609.DDFTPP Injection Date: 03/15/2024Instrument ID: BNA_FDFTPP Injection Time: 13:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF137610.D	03/15/2024	15:34
PB159613BL	PB159613BL	BF137611.D	03/15/2024	16:03
PB159613BS	PB159613BS	BF137612.D	03/15/2024	16:33
PB159613BSD	PB159613BSD	BF137613.D	03/15/2024	17:02
PB159613BL	PB159613BL	BF137614.D	03/15/2024	17:31
MW-01	P1747-03	BF137615.D	03/15/2024	18:08
COMP-1	P1771-01	BF137616.D	03/15/2024	18:37
COMP-1DL	P1771-01DL	BF137617.D	03/15/2024	19:05
COMP-3	P1771-05	BF137618.D	03/15/2024	19:34
COMP-4	P1771-07	BF137619.D	03/15/2024	20:03
MW-2DL	P1769-01DL	BF137620.D	03/15/2024	20:32