CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG No.: BF022724

Instrument ID: BNA_F Calibration Date/Time: 2/27/2024 1: 12:18

Lab File ID: BF137399.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	0.616	0.695		12.825	
Pyridine	1.649	1.886		14.372	
2-Fluorophenol	1.296	1.357		4.707	
Benzaldehyde	0.918	1.015		10.566	
Aniline	2.261	2.444		8.094	
Phenol-d6	1.907	1.922		0.787	
Phenol	2.087	2.131		2.108	20.0
bis(2-Chloroethyl)ether	1.516	1.586		4.617	
2-Chlorophenol	1.390	1.425		2.518	
1,2-Dichlorobenzene	1.422	1.375		-3.305	
1,3-Dichlorobenzene	1.493	1.492		-0.067	
1,4-Dichlorobenzene	1.537	1.519		-1.171	20.0
Benzyl Alcohol	1.137	1.270		11.697	
2-Methylphenol	1.315	1.342		2.053	
2,2-oxybis(1-Chloropropane)	2.520	2.601		3.214	
Acetophenone	0.485	0.480		-1.031	
3+4-Methylphenols	1.499	1.502		0.2	
n-Nitroso-di-n-propylamine	1.175	1.172	0.050	-0.255	
Nitrobenzene-d5	0.401	0.435		8.479	
Hexachloroethane	0.530	0.511		-3.585	
Nitrobenzene	0.407	0.443		8.845	
Isophorone	0.828	0.831		0.362	
2-Nitrophenol	0.140	0.179		27.857	20.0
2,4-Dimethylphenol	0.305	0.325		6.557	
bis(2-Chloroethoxy)methane	0.478	0.493		3.138	
2,4-Dichlorophenol	0.286	0.302		5.594	20.0
1,2,4-Trichlorobenzene	0.307	0.309		0.651	
Benzoic acid	0.166	0.206		24.096	
Naphthalene	1.073	1.052		-1.957	
4-Chloroaniline	0.408	0.446		9.314	
Hexachlorobutadiene	0.182	0.182		0.0	20.0
Caprolactam	0.088	0.103		17.045	
4-Chloro-3-methylphenol	0.324	0.337		4.012	20.0
2-Methylnaphthalene	0.692	0.678		-2.023	
Hexachlorocyclopentadiene	0.250	0.296	0.050	18.4	
2,4,6-Trichlorophenol	0.357	0.380		6.443	20.0
2-Fluorobiphenyl	1.285	1.223		-4.825	
2,4,5-Trichlorophenol	0.410	0.433		5.61	
1,1-Biphenyl	1.457	1.454		-0.206	
2-Chloronaphthalene	1.100	1.118		1.636	
2-Nitroaniline	0.283	0.390		37.809	

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Lab File ID: BF137399.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	1.382	1.414		2.315	
Acenaphthylene	1.787	1.771		-0.895	
2,6-Dinitrotoluene	0.257	0.300		16.732	
3-Nitroaniline	0.265	0.323		21.887	
Acenaphthene	1.067	1.044		-2.156	20.0
2,4-Dinitrophenol	0.102	0.140	0.050	37.255	
4-Nitrophenol	0.189	0.225	0.050	19.048	
Dibenzofuran	1.649	1.614		-2.122	
2,4-Dinitrotoluene	0.302	0.369		22.185	
Diethylphthalate	1.290	1.339		3.798	
4-Chlorophenyl-phenylether	0.619	0.598		-3.393	
Fluorene	1.259	1.204		-4.369	
4-Nitroaniline	0.248	0.309		24.597	
4,6-Dinitro-2-methylphenol	0.090	0.115		27.778	
n-Nitrosodiphenylamine	0.650	0.639		-1.692	20.0
Azobenzene	1.544	1.570		1.684	
2,4,6-Tribromophenol	0.174	0.179		2.874	
4-Bromophenyl-phenylether	0.215	0.218		1.395	
Hexachlorobenzene	0.222	0.218		-1.802	
Atrazine	0.175	0.200		14.286	
Pentachlorophenol	0.141	0.153		8.511	20.0
Phenanthrene	1.103	1.060		-3.898	
Anthracene	1.137	1.102		-3.078	
Carbazole	0.972	0.965		-0.72	
Di-n-butylphthalate	0.972	1.177		21.091	
Fluoranthene	1.077	1.075		-0.186	20.0
Benzidine	0.298	0.570		91.275	
Pyrene	1.891	1.878		-0.687	
Terphenyl-d14	1.430	1.402		-1.958	
Butylbenzylphthalate	0.229	0.450		96.507	
3,3-Dichlorobenzidine	0.296	0.390		31.757	
Benzo(a)anthracene	1.388	1.442		3.89	
Chrysene	1.418	1.403		-1.058	
Bis(2-ethylhexyl)phthalate	0.299	0.597		99.666	
Di-n-octyl phthalate	0.554	0.973		75.632	20.0
Benzo(b)fluoranthene	1.227	1.226		-0.081	
Benzo(k)fluoranthene	1.286	1.326		3.11	
Benzo(a)pyrene	1.164	1.191		2.32	20.0
Indeno(1,2,3-cd)pyrene	1.251	1.404		12.23	
Dibenzo(a,h)anthracene	1.031	1.172		13.676	
Benzo(g,h,i)perylene	1.053	1.201		14.055	

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Instrument ID: BNA_F Calibration Date/Time: 2/27/2024 1: 12:18

Lab File ID: BF137399.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	0.551	0.545		-1.089	
1,4-Dioxane	0.710	0.734		3.38	20.0
2,3,4,6-Tetrachlorophenol	0.339	0.352		3.835	
1-Methylnaphthalene	0.654	0.632		-3.364	

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BL			SDG No.:	BF022724
Lab Sample ID:	PB159259BL			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
BF137400.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BL			SDG No.:	BF022724
Lab Sample ID:	PB159259BL			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
BF137400.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BL			SDG No.:	BF022724
Lab Sample ID:	PB159259BL			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
BF137400.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.569		10-139		80	SPK: -150
13127-88-3	Phenol-d6	109.622		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	83.354		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	76.469		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	133.403		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	62.926		36-145		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265220	6.787				
1146-65-2	Naphthalene-d8	1062950	8.063				
15067-26-2	Acenaphthene-d10	586173	9.822				
1517-22-2	Phenanthrene-d10	1113216	11.31				
1719-03-5	Chrysene-d12	865765	13.968				
1520-96-3	Perylene-d12	713828	15.451				

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BL			SDG No.:	BF022724
Lab Sample ID:	PB159259BL			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
BF137400.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.6	A			5.045	
000111-06-8	Hexadecanoic acid, butyl ester	2.3	J			12.739	

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BS			SDG No.:	BF022724
Lab Sample ID:	PB159259BS			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
BF137401.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.5		2	8	10	ug/L
110-86-1	Pyridine	34.2		1.8	4	5	ug/L
100-52-7	Benzaldehyde	13.4		3.3	8	10	ug/L
62-53-3	Aniline	23.7		2.4	4	5	ug/L
108-95-2	Phenol	42.4		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.8		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	47.4		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.9		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.3		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.5		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	52.2		2.4	8	10	ug/L
95-48-7	2-Methylphenol	42.1		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.3		2.3	4	5	ug/L
98-86-2	Acetophenone	45.3		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.7		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.2		1.6	4	5	ug/L
98-95-3	Nitrobenzene	46.1		1.7	4	5	ug/L
78-59-1	Isophorone	44.1		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	51.8		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	39.7		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.5		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.2		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.4		1.7	4	5	ug/L
65-85-0	Benzoic acid	51.7		6.7	8	10	ug/L
91-20-3	Naphthalene	42.5		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	13		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.1		1.9	4	5	ug/L
105-60-2	Caprolactam	50.5		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.3		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	41		2.2	4	5	ug/L

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BS			SDG No.:	BF022724
Lab Sample ID:	PB159259BS			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
BF137401.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	83.9	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.8		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.7		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	43.7		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.1		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	50.6		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.6		1.9	4	5	ug/L
208-96-8	Acenaphthylene	44.9		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	28.4		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.7		1.7	4	5	ug/L
Total PAH	Total PAH	710		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	96.5	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	41.4		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	103		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	51.8		2.5	4	5	ug/L
84-66-2	Diethylphthalate	45.7		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.4		2.2	4	5	ug/L
86-73-7	Fluorene	41.8		2	4	5	ug/L
100-01-6	4-Nitroaniline	49.7		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.1		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.7		2	4	5	ug/L
103-33-3	Azobenzene	43.3		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43		2	4	5	ug/L
118-74-1	Hexachlorobenzene	44.3		1.9	4	5	ug/L
1912-24-9	Atrazine	47.2		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	86.5	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	40.8		2	4	5	ug/L
120-12-7	Anthracene	41		2.3	4	5	ug/L
86-74-8	Carbazole	43.7		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	52.4		2.4	4	5	ug/L
206-44-0	Fluoranthene	43.4		2.1	4	5	ug/L

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BS			SDG No.:	BF022724
Lab Sample ID:	PB159259BS			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
BF137401.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	31		6.6	8	10	ug/L
129-00-0	Pyrene	46.5		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	68.2		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.1		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.1		1.5	4	5	ug/L
218-01-9	Chrysene	44.7		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	70		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	67		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.2		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	43.5		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.5		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.3		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.5		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.5		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.3		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.8		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.8		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.642		10-139		84	SPK: -150
13127-88-3	Phenol-d6	119.192		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	88.092		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	80.12		52-132		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	140.653		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	88.255		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251989	6.787				
1146-65-2	Naphthalene-d8	1022416	8.069				
15067-26-2	Acenaphthene-d10	565380	9.828				
1517-22-2	Phenanthrene-d10	1019439	11.316				
1719-03-5	Chrysene-d12	553210	13.974				
1520-96-3	Perylene-d12	478902	15.451				

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259BS			SDG No.:	BF022724
Lab Sample ID:	PB159259BS			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
BF137401.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259TB			SDG No.:	BF022724
Lab Sample ID:	PB159259TB			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
BF137402.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259TB			SDG No.:	BF022724
Lab Sample ID:	PB159259TB			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
BF137402.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259TB			SDG No.:	BF022724
Lab Sample ID:	PB159259TB			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
BF137402.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.523		10-139		86	SPK: -150
13127-88-3	Phenol-d6	116.372		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	88.973		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	79.11		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.494		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	67.793		36-145		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249835	6.787				
1146-65-2	Naphthalene-d8	1011540	8.063				
15067-26-2	Acenaphthene-d10	576575	9.816				
1517-22-2	Phenanthrene-d10	1024370	11.31				
1719-03-5	Chrysene-d12	787568	13.968				
1520-96-3	Perylene-d12	622619	15.451				

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	PB159259TB			SDG No.:	BF022724
Lab Sample ID:	PB159259TB			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
BF137402.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6438			SDG No.:	BF022724
Lab Sample ID:	SP6438			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BF137403.D	1		2/27/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2000	U	2000	8000	10000	ug/L
110-86-1	Pyridine	1800	U	1800	4000	5000	ug/L
100-52-7	Benzaldehyde	3300	U	3300	8000	10000	ug/L
62-53-3	Aniline	2400	U	2400	4000	5000	ug/L
108-95-2	Phenol	1500	U	1500	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	1700	U	1700	4000	5000	ug/L
95-57-8	2-Chlorophenol	1400	U	1400	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	1300	U	1300	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	1700	U	1700	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	1400	U	1400	4000	5000	ug/L
100-51-6	Benzyl Alcohol	2400	U	2400	8000	10000	ug/L
95-48-7	2-Methylphenol	2100	U	2100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2300	U	2300	4000	5000	ug/L
98-86-2	Acetophenone	1800	U	1800	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	2200	U	2200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2000	U	2000	2500	2500	ug/L
67-72-1	Hexachloroethane	1600	U	1600	4000	5000	ug/L
98-95-3	Nitrobenzene	1700	U	1700	4000	5000	ug/L
78-59-1	Isophorone	1700	U	1700	4000	5000	ug/L
88-75-5	2-Nitrophenol	2400	U	2400	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	3000	U	3000	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2000	U	2000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	1700	U	1700	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	1700	U	1700	4000	5000	ug/L
65-85-0	Benzoic acid	6700	U	6700	8000	10000	ug/L
91-20-3	Naphthalene	1700	U	1700	4000	5000	ug/L
106-47-8	4-Chloroaniline	2500	U	2500	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	1900	U	1900	4000	5000	ug/L
105-60-2	Caprolactam	3400	U	3400	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	2200	U	2200	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6438			SDG No.:	BF022724
Lab Sample ID:	SP6438			Matrix:	Water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BF137403.D	1		2/27/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5700	U	5700	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	4000	5000	ug/L
92-52-4	1,1-Biphenyl	1800	U	1800	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	1600	U	1600	4000	5000	ug/L
88-74-4	2-Nitroaniline	2400	U	2400	4000	5000	ug/L
131-11-3	Dimethylphthalate	1900	U	1900	4000	5000	ug/L
208-96-8	Acenaphthylene	2100	U	2100	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	2100	U	2100	4000	5000	ug/L
99-09-2	3-Nitroaniline	2400	U	2400	4000	5000	ug/L
83-32-9	Acenaphthene	1700	U	1700	4000	5000	ug/L
Total PAH	Total PAH	31000	U	31000	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	5500	U	5500	8000	10000	ug/L
100-02-7	4-Nitrophenol	2800	U	2800	8000	10000	ug/L
132-64-9	Dibenzofuran	1600	U	1600	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture	4600	U	4600	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	2500	U	2500	4000	5000	ug/L
84-66-2	Diethylphthalate	2100	U	2100	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2200	U	2200	4000	5000	ug/L
86-73-7	Fluorene	2000	U	2000	4000	5000	ug/L
100-01-6	4-Nitroaniline	2300	U	2300	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	2000	U	2000	4000	5000	ug/L
103-33-3	Azobenzene	1600	U	1600	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	2000	U	2000	4000	5000	ug/L
118-74-1	Hexachlorobenzene	1900	U	1900	4000	5000	ug/L
1912-24-9	Atrazine	3500	U	3500	4000	5000	ug/L
87-86-5	Pentachlorophenol	2600	U	2600	8000	10000	ug/L
85-01-8	Phenanthrene	2000	U	2000	4000	5000	ug/L
120-12-7	Anthracene	2300	U	2300	4000	5000	ug/L
86-74-8	Carbazole	1700	U	1700	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	2400	U	2400	4000	5000	ug/L
206-44-0	Fluoranthene	2100	U	2100	4000	5000	ug/L

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Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6438			SDG No.:	BF022724		
Lab Sample ID:	SP6438			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF137403.D	1		2/27/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6600	U	6600	8000	10000	ug/L
129-00-0	Pyrene	1900	U	1900	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	2800	U	2800	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	5400	U	5400	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	1500	U	1500	4000	5000	ug/L
218-01-9	Chrysene	1600	U	1600	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2900	U	2900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	3100	U	3100	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1500	U	1500	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1900	U	1900	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	2700	U	2700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2100	U	2100	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	2000	U	2000	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1900	U	1900	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2100	U	2100	4000	5000	ug/L
123-91-1	1,4-Dioxane	2400	U	2400	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1300	U	1300	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	2100	U	2100	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121989	*	10-139		81326	SPK: -150
13127-88-3	Phenol-d6	111924	*	10-134		74616	SPK: -150
4165-60-0	Nitrobenzene-d5	111626	*	49-133		111626	SPK: -100
321-60-8	2-Fluorobiphenyl	101449	*	52-132		101449	SPK: -100
118-79-6	2,4,6-Tribromophenol	114198	*	32-145		76132	SPK: -150
1718-51-0	Terphenyl-d14	84630	*	36-145		84630	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179386	6.787				
1146-65-2	Naphthalene-d8	751614	8.063				
15067-26-2	Acenaphthene-d10	420811	9.822				
1517-22-2	Phenanthrene-d10	781185	11.31				
1719-03-5	Chrysene-d12	582294	13.963				
1520-96-3	Perylene-d12	461171	15.451				

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Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6438			SDG No.:	BF022724		
Lab Sample ID:	SP6438			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF137403.D	1		2/27/2024 12:00:00 AM	

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

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Report of Analysis

Client:				Date Collected:	2/22/2024 12:00:00 AM
Project:				Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	NB-07-022224DL			SDG No.:	BF022724
Lab Sample ID:	P1573-01DL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	6.7
Sample Wt/Vol:	50.05	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
BF137404.D	25	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200	U	1200	4300	5300	ug/Kg
110-86-1	Pyridine	1200	U	1200	2100	2700	ug/Kg
100-52-7	Benzaldehyde	2400	U	2400	4300	5300	ug/Kg
62-53-3	Aniline	1900	U	1900	2100	2700	ug/Kg
108-95-2	Phenol	1200	U	1200	2100	2700	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400	U	1400	2100	2700	ug/Kg
95-57-8	2-Chlorophenol	1200	U	1200	2100	2700	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300	U	1300	2100	2700	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400	U	1400	2100	2700	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300	U	1300	2100	2700	ug/Kg
100-51-6	Benzyl Alcohol	1600	U	1600	4300	5300	ug/Kg
95-48-7	2-Methylphenol	1800	U	1800	2100	2700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700	U	1700	2100	2700	ug/Kg
98-86-2	Acetophenone	1400	U	1400	2100	2700	ug/Kg
65794-96-9	3+4-Methylphenols	1700	U	1700	4300	5300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950	U	950	1300	1300	ug/Kg
67-72-1	Hexachloroethane	1200	U	1200	2100	2700	ug/Kg
98-95-3	Nitrobenzene	1200	U	1200	2100	2700	ug/Kg
78-59-1	Isophorone	1100	U	1100	2100	2700	ug/Kg
88-75-5	2-Nitrophenol	1500	U	1500	2100	2700	ug/Kg
105-67-9	2,4-Dimethylphenol	1600	U	1600	2100	2700	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800	U	1800	2100	2700	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	2100	2700	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200	U	1200	2100	2700	ug/Kg
65-85-0	Benzoic acid	3400	U	3400	4300	5300	ug/Kg
91-20-3	Naphthalene	3400	D	1300	2100	2700	ug/Kg
106-47-8	4-Chloroaniline	1700	U	1700	2100	2700	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	2100	2700	ug/Kg
105-60-2	Caprolactam	1900	U	1900	4300	5300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	2100	2700	ug/Kg
91-57-6	2-Methylnaphthalene	1700	JD	1500	2100	2700	ug/Kg

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Report of Analysis

Client:				Date Collected:	2/22/2024 12:00:00 AM
Project:				Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	NB-07-022224DL			SDG No.:	BF022724
Lab Sample ID:	P1573-01DL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	6.7
Sample Wt/Vol:	50.05	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
BF137404.D	25	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3400	U	3400	4300	5300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	2100	2700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	2100	2700	ug/Kg
92-52-4	1,1-Biphenyl	1500	U	1500	2100	2700	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	2100	2700	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	2100	2700	ug/Kg
131-11-3	Dimethylphthalate	1400	U	1400	2100	2700	ug/Kg
208-96-8	Acenaphthylene	1400	U	1400	2100	2700	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	2100	2700	ug/Kg
99-09-2	3-Nitroaniline	1500	U	1500	2100	2700	ug/Kg
83-32-9	Acenaphthene	1700	JD	1300	2100	2700	ug/Kg
Total PAH	Total PAH	98900	D	22900	2100	43200	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	4300	5300	ug/Kg
100-02-7	4-Nitrophenol	1800	U	1800	4300	5300	ug/Kg
132-64-9	Dibenzofuran	1500	JD	1200	2100	2700	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600	U	1600	2100	2700	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	3000	U	3000	2100	5400	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	2100	2700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	U	1500	2100	2700	ug/Kg
86-73-7	Fluorene	3700	D	1400	2100	2700	ug/Kg
100-01-6	4-Nitroaniline	1700	U	1700	2100	2700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	4300	5300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500	U	1500	2100	2700	ug/Kg
103-33-3	Azobenzene	1200	U	1200	2100	2700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	2100	2700	ug/Kg
118-74-1	Hexachlorobenzene	1600	U	1600	2100	2700	ug/Kg
1912-24-9	Atrazine	1500	U	1500	2100	2700	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	4300	5300	ug/Kg
85-01-8	Phenanthrene	18700	D	1500	2100	2700	ug/Kg
120-12-7	Anthracene	3800	D	1600	2100	2700	ug/Kg
86-74-8	Carbazole	1700	JD	1400	2100	2700	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	2100	2700	ug/Kg
206-44-0	Fluoranthene	16400	D	1500	2100	2700	ug/Kg

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Report of Analysis

Client:				Date Collected:	2/22/2024 12:00:00 AM
Project:				Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	NB-07-022224DL			SDG No.:	BF022724
Lab Sample ID:	P1573-01DL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	6.7
Sample Wt/Vol:	50.05	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
BF137404.D	25	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	3100	U	3100	4300	5300	ug/Kg
129-00-0	Pyrene	11700	D	1300	2100	2700	ug/Kg
85-68-7	Butylbenzylphthalate	1700	U	1700	2100	2700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2600	U	2600	4300	5300	ug/Kg
56-55-3	Benzo(a)anthracene	7200	D	1300	2100	2700	ug/Kg
218-01-9	Chrysene	6400	D	1400	2100	2700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800	U	1800	2100	2700	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	U	2000	4300	5300	ug/Kg
205-99-2	Benzo(b)fluoranthene	8900	D	1300	2100	2700	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000	D	1400	2100	2700	ug/Kg
50-32-8	Benzo(a)pyrene	7000	D	1500	2100	2700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3300	D	1700	2100	2700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500	U	1500	2100	2700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3700	D	1500	2100	2700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2100	2700	ug/Kg
123-91-1	1,4-Dioxane	1900	U	1900	2100	2700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300	U	1300	2100	2700	ug/Kg
90-12-0	1-Methylnaphthalene	1500	JD	1400	2700	2700	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.525		18-112		50	SPK: -150
13127-88-3	Phenol-d6	85.6		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	51.925		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	81.275		20-109		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.325		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	61.425		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167554	6.781				
1146-65-2	Naphthalene-d8	666758	8.063				
15067-26-2	Acenaphthene-d10	350426	9.816				
1517-22-2	Phenanthrene-d10	507557	11.31				
1719-03-5	Chrysene-d12	348402	13.962				
1520-96-3	Perylene-d12	369851	15.445				

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Report of Analysis

Client:				Date Collected:	2/22/2024 12:00:00 AM
Project:				Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	NB-07-022224DL			SDG No.:	BF022724
Lab Sample ID:	P1573-01DL			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	6.7
Sample Wt/Vol:	50.05	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
BF137404.D	25	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159229

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BF022724
Lab Sample ID:	P1524-06	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
BF137405.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BF022724
Lab Sample ID:	P1524-06	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
BF137405.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01	SDG No.:	BF022724
Lab Sample ID:	P1524-06	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
BF137405.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	58.31		10-139		39	SPK: -150
13127-88-3	Phenol-d6	31.573		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	92.767		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	87.141		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	123.537		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	62.823		36-145		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222820	6.781				
1146-65-2	Naphthalene-d8	850033	8.057				
15067-26-2	Acenaphthene-d10	440769	9.816				
1517-22-2	Phenanthrene-d10	650873	11.31				
1719-03-5	Chrysene-d12	429788	13.963				
1520-96-3	Perylene-d12	463865	15.445				

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Report of Analysis

Client:				Date Collected:	2/8/2024 12:00:00 AM
Project:				Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240766-AMENDED-COMP-39N-N-3-01			SDG No.:	BF022724
Lab Sample ID:	P1524-06			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
BF137405.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BF022724
Lab Sample ID:	P1524-07	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
BF137406.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BF022724
Lab Sample ID:	P1524-07	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
BF137406.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02	SDG No.:	BF022724
Lab Sample ID:	P1524-07	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
BF137406.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	51.943		10-139		35	SPK: -150
13127-88-3	Phenol-d6	27.65		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	84.315		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	78.188		52-132		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	109.294		32-145		73	SPK: -150
1718-51-0	Terphenyl-d14	61.314		36-145		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217529	6.781				
1146-65-2	Naphthalene-d8	841616	8.057				
15067-26-2	Acenaphthene-d10	441731	9.816				
1517-22-2	Phenanthrene-d10	652601	11.31				
1719-03-5	Chrysene-d12	436776	13.963				
1520-96-3	Perylene-d12	445541	15.445				

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Report of Analysis

Client:				Date Collected:	2/8/2024 12:00:00 AM
Project:				Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240767-AMENDED-COMP-39N-N-3-02			SDG No.:	BF022724
Lab Sample ID:	P1524-07			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
BF137406.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BF022724
Lab Sample ID:	P1524-08	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
BF137407.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BF022724
Lab Sample ID:	P1524-08	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
BF137407.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03	SDG No.:	BF022724
Lab Sample ID:	P1524-08	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
BF137407.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	54.09		10-139		36	SPK: -150
13127-88-3	Phenol-d6	29.322		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	86.12		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	81.746		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	116.251		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	66.497		36-145		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220396	6.781				
1146-65-2	Naphthalene-d8	854640	8.063				
15067-26-2	Acenaphthene-d10	439215	9.816				
1517-22-2	Phenanthrene-d10	654876	11.31				
1719-03-5	Chrysene-d12	437178	13.963				
1520-96-3	Perylene-d12	452112	15.445				

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Report of Analysis

Client:				Date Collected:	2/8/2024 12:00:00 AM
Project:				Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03			SDG No.:	BF022724
Lab Sample ID:	P1524-08			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
BF137407.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BF022724
Lab Sample ID:	P1524-09MS	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
BF137408.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	15.9		2	8	10	ug/L
110-86-1	Pyridine	8.8		1.8	4	5	ug/L
100-52-7	Benzaldehyde	8.6	J	3.3	8	10	ug/L
62-53-3	Aniline	7.9		2.4	4	5	ug/L
108-95-2	Phenol	11.4		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.9		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	36.8		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.1		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.6		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.5		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	26.3		2.4	8	10	ug/L
95-48-7	2-Methylphenol	25.2		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.7		2.3	4	5	ug/L
98-86-2	Acetophenone	47.6		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	22.6		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.4		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	38.9		1.6	4	5	ug/L
98-95-3	Nitrobenzene	47		1.7	4	5	ug/L
78-59-1	Isophorone	45.2		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	51.2		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	34.1		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.9		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.1		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.2		1.7	4	5	ug/L
65-85-0	Benzoic acid	17.6		6.7	8	10	ug/L
91-20-3	Naphthalene	42.1		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	5.8		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.1		1.9	4	5	ug/L
105-60-2	Caprolactam	6.2	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	36.6		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.9		2.2	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BF022724
Lab Sample ID:	P1524-09MS	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
BF137408.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	48.8		5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.6		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	46		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.4		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	49.5		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.7		1.9	4	5	ug/L
208-96-8	Acenaphthylene	45.7		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51.5		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	19.5		2.4	4	5	ug/L
83-32-9	Acenaphthene	43.3		1.7	4	5	ug/L
Total PAH	Total PAH	669.7		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	76.6		5.5	8	10	ug/L
100-02-7	4-Nitrophenol	23.5		2.8	8	10	ug/L
132-64-9	Dibenzofuran	42.8		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	48.8		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	00.3		4.6	4	10	ug/L
84-66-2	Diethylphthalate	46.4		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.3		2.2	4	5	ug/L
86-73-7	Fluorene	40.9		2	4	5	ug/L
100-01-6	4-Nitroaniline	32.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.6		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.9		2	4	5	ug/L
103-33-3	Azobenzene	42.6		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51.1		2	4	5	ug/L
118-74-1	Hexachlorobenzene	50.1		1.9	4	5	ug/L
1912-24-9	Atrazine	54.4		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	82.7	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	44.6		2	4	5	ug/L
120-12-7	Anthracene	44		2.3	4	5	ug/L
86-74-8	Carbazole	42.2		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	61.2		2.4	4	5	ug/L
206-44-0	Fluoranthene	39.5		2.1	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS	SDG No.:	BF022724
Lab Sample ID:	P1524-09MS	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
BF137408.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	11.3		6.6	8	10	ug/L
129-00-0	Pyrene	39.3		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	71.5		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.3		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.1		1.5	4	5	ug/L
218-01-9	Chrysene	47		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	82.1	E	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	82.9	E	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.7		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	45.4		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34.2		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34.4		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29.5		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.7		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	14		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.1		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.1		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.412		10-139		37	SPK: -150
13127-88-3	Phenol-d6	30.153		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	91.152		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	82.145		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	114.152		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	72.592		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224516	6.781				
1146-65-2	Naphthalene-d8	875750	8.063				
15067-26-2	Acenaphthene-d10	456871	9.822				
1517-22-2	Phenanthrene-d10	662087	11.31				
1719-03-5	Chrysene-d12	381218	13.968				
1520-96-3	Perylene-d12	451295	15.451				

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Report of Analysis

Client:				Date Collected:	2/8/2024 12:00:00 AM
Project:				Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MS			SDG No.:	BF022724
Lab Sample ID:	P1524-09MS			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
BF137408.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BF022724
Lab Sample ID:	P1524-10MSD	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
BF137409.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	16.1		2	8	10	ug/L
110-86-1	Pyridine	8.7		1.8	4	5	ug/L
100-52-7	Benzaldehyde	8.4	J	3.3	8	10	ug/L
62-53-3	Aniline	8.3		2.4	4	5	ug/L
108-95-2	Phenol	11.1		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	35.8		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.6		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	39.6		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	26.2		2.4	8	10	ug/L
95-48-7	2-Methylphenol	24.5		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.7		2.3	4	5	ug/L
98-86-2	Acetophenone	47.2		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	22		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	38.1		1.6	4	5	ug/L
98-95-3	Nitrobenzene	46.5		1.7	4	5	ug/L
78-59-1	Isophorone	44.4		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	51.5		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	34.5		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.4		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.8		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.2		1.7	4	5	ug/L
65-85-0	Benzoic acid	18.6		6.7	8	10	ug/L
91-20-3	Naphthalene	41.6		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	7.1		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.1		1.9	4	5	ug/L
105-60-2	Caprolactam	6.4	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35.5		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.8		2.2	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BF022724
Lab Sample ID:	P1524-10MSD	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
BF137409.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	44.4		5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.6		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	45.5		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.3		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	47.9		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.2		1.9	4	5	ug/L
208-96-8	Acenaphthylene	45.2		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	20.8		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.6		1.7	4	5	ug/L
Total PAH	Total PAH	657.2		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	77		5.5	8	10	ug/L
100-02-7	4-Nitrophenol	23		2.8	8	10	ug/L
132-64-9	Dibenzofuran	42.3		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	48.5		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	98.7		4.6	4	10	ug/L
84-66-2	Diethylphthalate	45.7		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.1		2.2	4	5	ug/L
86-73-7	Fluorene	40.6		2	4	5	ug/L
100-01-6	4-Nitroaniline	31.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.2		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.6		2	4	5	ug/L
103-33-3	Azobenzene	42		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	50.1		2	4	5	ug/L
118-74-1	Hexachlorobenzene	49.2		1.9	4	5	ug/L
1912-24-9	Atrazine	53.1		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	83.8	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	43.9		2	4	5	ug/L
120-12-7	Anthracene	44		2.3	4	5	ug/L
86-74-8	Carbazole	41		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	60.2		2.4	4	5	ug/L
206-44-0	Fluoranthene	39.1		2.1	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD	SDG No.:	BF022724
Lab Sample ID:	P1524-10MSD	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
BF137409.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	12.9		6.6	8	10	ug/L
129-00-0	Pyrene	38.1		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	70.6		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	46.7		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.9		1.5	4	5	ug/L
218-01-9	Chrysene	45.3		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	81.9	E	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	81.6	E	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.2		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.5		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33.2		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33.4		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.3		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	14.3		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41.4		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.3		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	53.993		10-139		36	SPK: -150
13127-88-3	Phenol-d6	29.669		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	89.877		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	81.045		52-132		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.266		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	69.949		36-145		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222527	6.781				
1146-65-2	Naphthalene-d8	859403	8.063				
15067-26-2	Acenaphthene-d10	447259	9.822				
1517-22-2	Phenanthrene-d10	640186	11.31				
1719-03-5	Chrysene-d12	377798	13.968				
1520-96-3	Perylene-d12	439752	15.451				

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Report of Analysis

Client:				Date Collected:	2/8/2024 12:00:00 AM
Project:				Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240768-AMENDED-COMP-39N-N-3-03MSD			SDG No.:	BF022724
Lab Sample ID:	P1524-10MSD			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
BF137409.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241102-AMENDED-COMPOSITE-35N-N-4-01	SDG No.:	BF022724
Lab Sample ID:	P1539-01	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
BF137410.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241102-AMENDED-COMPOSITE-35N-N-4-01	SDG No.:	BF022724
Lab Sample ID:	P1539-01	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
BF137410.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241102-AMENDED-COMPOSITE-35N-N-4-01	SDG No.:	BF022724
Lab Sample ID:	P1539-01	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
BF137410.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.316		10-139		34	SPK: -150
13127-88-3	Phenol-d6	28.321		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	79.687		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	77.569		52-132		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	117.31		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	66.879		36-145		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222256	6.781				
1146-65-2	Naphthalene-d8	852047	8.063				
15067-26-2	Acenaphthene-d10	442356	9.816				
1517-22-2	Phenanthrene-d10	648411	11.31				
1719-03-5	Chrysene-d12	427624	13.962				
1520-96-3	Perylene-d12	459244	15.445				

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Report of Analysis

Client:				Date Collected:	2/9/2024 12:00:00 AM
Project:				Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241102-AMENDED-COMPOSITE-35N-N-4-01			SDG No.:	BF022724
Lab Sample ID:	P1539-01			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
BF137410.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241103-AMENDED-COMPOSITE-35N-N-4-02	SDG No.:	BF022724
Lab Sample ID:	P1539-02	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
BF137411.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241103-AMENDED-COMPOSITE-35N-N-4-02	SDG No.:	BF022724
Lab Sample ID:	P1539-02	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
BF137411.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241103-AMENDED-COMPOSITE-35N-N-4-02	SDG No.:	BF022724
Lab Sample ID:	P1539-02	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
BF137411.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.83		10-139		32	SPK: -150
13127-88-3	Phenol-d6	26.94		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	80.135		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	75.705		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	117.724		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	66.953		36-145		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231316	6.781				
1146-65-2	Naphthalene-d8	897020	8.063				
15067-26-2	Acenaphthene-d10	482629	9.816				
1517-22-2	Phenanthrene-d10	701964	11.31				
1719-03-5	Chrysene-d12	438222	13.963				
1520-96-3	Perylene-d12	474133	15.445				

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Report of Analysis

Client:				Date Collected:	2/9/2024 12:00:00 AM
Project:				Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241103-AMENDED-COMPOSITE-35N-N-4-02			SDG No.:	BF022724
Lab Sample ID:	P1539-02			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
BF137411.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241104-AMENDED-COMPOSITE-35N-N-4-03	SDG No.:	BF022724
Lab Sample ID:	P1539-03	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
BF137412.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241104-AMENDED-COMPOSITE-35N-N-4-03	SDG No.:	BF022724
Lab Sample ID:	P1539-03	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
BF137412.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241104-AMENDED-COMPOSITE-35N-N-4-03	SDG No.:	BF022724
Lab Sample ID:	P1539-03	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
BF137412.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	53.521		10-139		36	SPK: -150
13127-88-3	Phenol-d6	28.757		10-134		19	SPK: -150
4165-60-0	Nitrobenzene-d5	87.818		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	79.176		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	116.115		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	66.202		36-145		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221085	6.781				
1146-65-2	Naphthalene-d8	864279	8.063				
15067-26-2	Acenaphthene-d10	455499	9.816				
1517-22-2	Phenanthrene-d10	659456	11.31				
1719-03-5	Chrysene-d12	420237	13.962				
1520-96-3	Perylene-d12	444402	15.445				

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Report of Analysis

Client:				Date Collected:	2/9/2024 12:00:00 AM
Project:				Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	20241104-AMENDED-COMPOSITE-35N-N-4-03			SDG No.:	BF022724
Lab Sample ID:	P1539-03			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
BF137412.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241105-AMENDED-COMPOSITE-35N-N-4-04	SDG No.:	BF022724
Lab Sample ID:	P1539-04	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
BF137413.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241105-AMENDED-COMPOSITE-35N-N-4-04	SDG No.:	BF022724
Lab Sample ID:	P1539-04	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
BF137413.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241105-AMENDED-COMPOSITE-35N-N-4-04	SDG No.:	BF022724
Lab Sample ID:	P1539-04	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
BF137413.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	53.36		10-139		36	SPK: -150
13127-88-3	Phenol-d6	29.585		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	86.664		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	78.014		52-132		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	113.065		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	73.221		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198058	6.781				
1146-65-2	Naphthalene-d8	778816	8.063				
15067-26-2	Acenaphthene-d10	430593	9.816				
1517-22-2	Phenanthrene-d10	675492	11.31				
1719-03-5	Chrysene-d12	422210	13.962				
1520-96-3	Perylene-d12	423482	15.445				

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Report of Analysis

Client:				Date Collected:	2/12/2024 12:00:00 AM
Project:				Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241105-AMENDED-COMPOSITE-35N-N-4-04			SDG No.:	BF022724
Lab Sample ID:	P1539-04			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
BF137413.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241106-AMENDED-COMPOSITE-35N-N-4-05	SDG No.:	BF022724
Lab Sample ID:	P1539-05	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
BF137414.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241106-AMENDED-COMPOSITE-35N-N-4-05	SDG No.:	BF022724
Lab Sample ID:	P1539-05	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
BF137414.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241106-AMENDED-COMPOSITE-35N-N-4-05	SDG No.:	BF022724
Lab Sample ID:	P1539-05	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
BF137414.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	61.374		10-139		41	SPK: -150
13127-88-3	Phenol-d6	36.374		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	84.673		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	79.456		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	122.44		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	79.044		36-145		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226245	6.781				
1146-65-2	Naphthalene-d8	880823	8.063				
15067-26-2	Acenaphthene-d10	479849	9.816				
1517-22-2	Phenanthrene-d10	729739	11.31				
1719-03-5	Chrysene-d12	441076	13.962				
1520-96-3	Perylene-d12	457879	15.445				

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Report of Analysis

Client:				Date Collected:	2/12/2024 12:00:00 AM
Project:				Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241106-AMENDED-COMPOSITE-35N-N-4-05			SDG No.:	BF022724
Lab Sample ID:	P1539-05			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
BF137414.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06	SDG No.:	BF022724
Lab Sample ID:	P1539-06	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
BF137415.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06	SDG No.:	BF022724
Lab Sample ID:	P1539-06	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
BF137415.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06	SDG No.:	BF022724
Lab Sample ID:	P1539-06	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
BF137415.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	68.73		10-139		46	SPK: -150
13127-88-3	Phenol-d6	40.182		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	93.025		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	85.811		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	126.087		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	78.359		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194625	6.781				
1146-65-2	Naphthalene-d8	767479	8.063				
15067-26-2	Acenaphthene-d10	416979	9.816				
1517-22-2	Phenanthrene-d10	634281	11.31				
1719-03-5	Chrysene-d12	406663	13.962				
1520-96-3	Perylene-d12	405824	15.445				

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Report of Analysis

Client:				Date Collected:	2/12/2024 12:00:00 AM
Project:				Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06			SDG No.:	BF022724
Lab Sample ID:	P1539-06			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
BF137415.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MS	SDG No.:	BF022724
Lab Sample ID:	P1539-07MS	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
BF137416.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	22		2	8	10	ug/L
110-86-1	Pyridine	16.7		1.8	4	5	ug/L
100-52-7	Benzaldehyde	10.3		3.3	8	10	ug/L
62-53-3	Aniline	24		2.4	4	5	ug/L
108-95-2	Phenol	15.5		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.6		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	34.8		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	34.6		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	33.3		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	33.5		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	34.8		2.4	8	10	ug/L
95-48-7	2-Methylphenol	26.6		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.2		2.3	4	5	ug/L
98-86-2	Acetophenone	41.4		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	25.5		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.5		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	29.9		1.6	4	5	ug/L
98-95-3	Nitrobenzene	41.2		1.7	4	5	ug/L
78-59-1	Isophorone	40.7		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	46.3		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	34.4		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.7		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	41.5		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	37.4		1.7	4	5	ug/L
65-85-0	Benzoic acid	21.2		6.7	8	10	ug/L
91-20-3	Naphthalene	37.2		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	21		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	34.7		1.9	4	5	ug/L
105-60-2	Caprolactam	9.8	J	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37.8		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	36.5		2.2	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MS	SDG No.:	BF022724
Lab Sample ID:	P1539-07MS	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
BF137416.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.5		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39.6		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	41.8		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	43		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	48.9		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.6		1.9	4	5	ug/L
208-96-8	Acenaphthylene	42.6		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	28.5		2.4	4	5	ug/L
83-32-9	Acenaphthene	40.1		1.7	4	5	ug/L
Total PAH	Total PAH	633.7		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	52.6		5.5	8	10	ug/L
100-02-7	4-Nitrophenol	30.6		2.8	8	10	ug/L
132-64-9	Dibenzofuran	39.7		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	95.9		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.9		2.5	4	5	ug/L
84-66-2	Diethylphthalate	44.1		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.8		2.2	4	5	ug/L
86-73-7	Fluorene	38.8		2	4	5	ug/L
100-01-6	4-Nitroaniline	37.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37.5		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.2		2	4	5	ug/L
103-33-3	Azobenzene	39.8		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.3		2	4	5	ug/L
118-74-1	Hexachlorobenzene	48.6		1.9	4	5	ug/L
1912-24-9	Atrazine	51.4		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	73.8		2.6	8	10	ug/L
85-01-8	Phenanthrene	42.7		2	4	5	ug/L
120-12-7	Anthracene	42.5		2.3	4	5	ug/L
86-74-8	Carbazole	40.1		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	58.2		2.4	4	5	ug/L
206-44-0	Fluoranthene	38		2.1	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MS	SDG No.:	BF022724
Lab Sample ID:	P1539-07MS	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
BF137416.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	38.4		6.6	8	10	ug/L
129-00-0	Pyrene	37.2		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	70.5		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	53.7		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.7		1.5	4	5	ug/L
218-01-9	Chrysene	44.1		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	80.9	E	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	80	E	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.7		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	42		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	43.8		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32.1		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32.6		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.8		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	18.5		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	36.4		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.765		10-139		41	SPK: -150
13127-88-3	Phenol-d6	38.484		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	80.626		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	75.155		52-132		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	107.639		32-145		72	SPK: -150
1718-51-0	Terphenyl-d14	70.961		36-145		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222028	6.787				
1146-65-2	Naphthalene-d8	851789	8.063				
15067-26-2	Acenaphthene-d10	453827	9.822				
1517-22-2	Phenanthrene-d10	657558	11.31				
1719-03-5	Chrysene-d12	389502	13.969				
1520-96-3	Perylene-d12	449816	15.451				

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Report of Analysis

Client:				Date Collected:	2/12/2024 12:00:00 AM
Project:				Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MS			SDG No.:	BF022724
Lab Sample ID:	P1539-07MS			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
BF137416.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MSD	SDG No.:	BF022724
Lab Sample ID:	P1539-08MSD	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
BF137417.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	23.7		2	8	10	ug/L
110-86-1	Pyridine	18.1		1.8	4	5	ug/L
100-52-7	Benzaldehyde	11		3.3	8	10	ug/L
62-53-3	Aniline	26.5		2.4	4	5	ug/L
108-95-2	Phenol	16.8		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.1		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	37.7		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	38.1		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	36		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	36.5		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	38.8		2.4	8	10	ug/L
95-48-7	2-Methylphenol	29.5		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.6		2.3	4	5	ug/L
98-86-2	Acetophenone	46.5		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	28.1		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.6		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	33.2		1.6	4	5	ug/L
98-95-3	Nitrobenzene	45		1.7	4	5	ug/L
78-59-1	Isophorone	44.8		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	50.9		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	38.2		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.9		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.8		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41		1.7	4	5	ug/L
65-85-0	Benzoic acid	22.6		6.7	8	10	ug/L
91-20-3	Naphthalene	40.3		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	23.9		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	37.5		1.9	4	5	ug/L
105-60-2	Caprolactam	11.2		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	42.9		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.1		2.2	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MSD	SDG No.:	BF022724
Lab Sample ID:	P1539-08MSD	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
BF137417.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.1		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.6		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	45.3		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.6		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	56.5		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	48		1.9	4	5	ug/L
208-96-8	Acenaphthylene	46.4		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	55.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	32.7		2.4	4	5	ug/L
83-32-9	Acenaphthene	43.7		1.7	4	5	ug/L
Total PAH	Total PAH	701.7		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	59.1		5.5	8	10	ug/L
100-02-7	4-Nitrophenol	35.3		2.8	8	10	ug/L
132-64-9	Dibenzofuran	44.3		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	09.6		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	54.4		2.5	4	5	ug/L
84-66-2	Diethylphthalate	49.5		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.6		2.2	4	5	ug/L
86-73-7	Fluorene	42.7		2	4	5	ug/L
100-01-6	4-Nitroaniline	43.4		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42.4		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	51.7		2	4	5	ug/L
103-33-3	Azobenzene	44.5		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	53.8		2	4	5	ug/L
118-74-1	Hexachlorobenzene	53.3		1.9	4	5	ug/L
1912-24-9	Atrazine	56.6		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	82.5	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	47		2	4	5	ug/L
120-12-7	Anthracene	46.6		2.3	4	5	ug/L
86-74-8	Carbazole	44.5		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	64.7		2.4	4	5	ug/L
206-44-0	Fluoranthene	41.2		2.1	4	5	ug/L

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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MSD	SDG No.:	BF022724
Lab Sample ID:	P1539-08MSD	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
BF137417.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	42.9		6.6	8	10	ug/L
129-00-0	Pyrene	42.8		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	79.2		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	60.9		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	50		1.5	4	5	ug/L
218-01-9	Chrysene	49.3		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	E	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	87.5	E	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.4		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.7		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	49		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36.2		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36.6		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30.8		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	19.9		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.1		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.5		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	66.563		10-139		44	SPK: -150
13127-88-3	Phenol-d6	41.886		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	87.477		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	82.42		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	127.359		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	82.079		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215450	6.787				
1146-65-2	Naphthalene-d8	828795	8.063				
15067-26-2	Acenaphthene-d10	451625	9.822				
1517-22-2	Phenanthrene-d10	674824	11.316				
1719-03-5	Chrysene-d12	379493	13.968				
1520-96-3	Perylene-d12	442861	15.451				

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Report of Analysis

Client:				Date Collected:	2/12/2024 12:00:00 AM
Project:				Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	20241107-AMENDED-COMPOSITE-35N-N-4-06MSD			SDG No.:	BF022724
Lab Sample ID:	P1539-08MSD			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
BF137417.D	1	2/23/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159259

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

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

Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	VNJ-232			SDG No.:	BF022724
Lab Sample ID:	P1585-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	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
BF137418.D	1	2/27/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	VNJ-232			SDG No.:	BF022724
Lab Sample ID:	P1585-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	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
BF137418.D	1	2/27/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	VNJ-232			SDG No.:	BF022724
Lab Sample ID:	P1585-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	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
BF137418.D	1	2/27/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.048		10-139		92	SPK: -150
13127-88-3	Phenol-d6	120.135		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	103.402		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	91.812		52-132		92	SPK: -100
118-79-6	2,4,6-Tribromophenol	133.204		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	82.016		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206405	6.787				
1146-65-2	Naphthalene-d8	815455	8.063				
15067-26-2	Acenaphthene-d10	444679	9.816				
1517-22-2	Phenanthrene-d10	684307	11.31				
1719-03-5	Chrysene-d12	395831	13.963				
1520-96-3	Perylene-d12	410314	15.451				

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	VNJ-232			SDG No.:	BF022724
Lab Sample ID:	P1585-02			Matrix:	water
Analytical Method:	8270E			% Moisture:	100
Sample Wt/Vol:	100	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
BF137418.D	1	2/27/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159325

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

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	AU-06-02232024			SDG No.:	BF022724
Lab Sample ID:	P1584-01			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	12.3
Sample Wt/Vol:	50.05	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
BF137419.D	1	2/26/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.8	U	52.8	180	230	ug/Kg
110-86-1	Pyridine	49.5	U	49.5	88.9	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	230	ug/Kg
62-53-3	Aniline	80	U	80	88.9	120	ug/Kg
108-95-2	Phenol	50.8	U	50.8	88.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.4	U	61.4	88.9	120	ug/Kg
95-57-8	2-Chlorophenol	49.2	U	49.2	88.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	88.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.5	U	60.5	88.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.3	U	56.3	88.9	120	ug/Kg
100-51-6	Benzyl Alcohol	67.5	U	67.5	180	230	ug/Kg
95-48-7	2-Methylphenol	77.9	U	77.9	88.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.8	U	71.8	88.9	120	ug/Kg
98-86-2	Acetophenone	59.3	U	59.3	88.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.8	U	73.8	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	54.7	54.7	ug/Kg
67-72-1	Hexachloroethane	50.3	U	50.3	88.9	120	ug/Kg
98-95-3	Nitrobenzene	51.4	U	51.4	88.9	120	ug/Kg
78-59-1	Isophorone	46.5	U	46.5	88.9	120	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	88.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.1	U	68.1	88.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.5	U	76.5	88.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.4	U	53.4	88.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53	U	53	88.9	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	230	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	88.9	120	ug/Kg
106-47-8	4-Chloroaniline	71.8	U	71.8	88.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	88.9	120	ug/Kg
105-60-2	Caprolactam	80	U	80	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.4	U	56.4	88.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.9	U	64.9	88.9	120	ug/Kg

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	AU-06-02232024			SDG No.:	BF022724
Lab Sample ID:	P1584-01			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	12.3
Sample Wt/Vol:	50.05	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
BF137419.D	1	2/26/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.7	U	52.7	88.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60.1	U	60.1	88.9	120	ug/Kg
92-52-4	1,1-Biphenyl	62.4	U	62.4	88.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	88.9	120	ug/Kg
88-74-4	2-Nitroaniline	67.9	U	67.9	88.9	120	ug/Kg
131-11-3	Dimethylphthalate	60.8	U	60.8	88.9	120	ug/Kg
208-96-8	Acenaphthylene	60.4	U	60.4	88.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.5	U	61.5	88.9	120	ug/Kg
99-09-2	3-Nitroaniline	63.8	U	63.8	88.9	120	ug/Kg
83-32-9	Acenaphthene	54.9	U	54.9	88.9	120	ug/Kg
Total PAH	Total PAH	1512.9	U	982.2	88.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	230	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	230	ug/Kg
132-64-9	Dibenzofuran	52.6	U	52.6	88.9	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.3	U	68.3	88.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixtur	129.8	U	129.8	88.9	240	ug/Kg
84-66-2	Diethylphthalate	58.7	U	58.7	88.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.8	U	61.8	88.9	120	ug/Kg
86-73-7	Fluorene	58	U	58	88.9	120	ug/Kg
100-01-6	4-Nitroaniline	71.1	U	71.1	88.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60	U	60	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.8	U	63.8	88.9	120	ug/Kg
103-33-3	Azobenzene	50.2	U	50.2	88.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.6	U	66.6	88.9	120	ug/Kg
118-74-1	Hexachlorobenzene	67.5	U	67.5	88.9	120	ug/Kg
1912-24-9	Atrazine	65.2	U	65.2	88.9	120	ug/Kg
87-86-5	Pentachlorophenol	75.9	U	75.9	180	230	ug/Kg
85-01-8	Phenanthrene	170		63.4	88.9	120	ug/Kg
120-12-7	Anthracene	69.7	U	69.7	88.9	120	ug/Kg
86-74-8	Carbazole	58	U	58	88.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	71.1	U	71.1	88.9	120	ug/Kg
206-44-0	Fluoranthene	310		64.5	88.9	120	ug/Kg

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	AU-06-02232024			SDG No.:	BF022724
Lab Sample ID:	P1584-01			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	12.3
Sample Wt/Vol:	50.05	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
BF137419.D	1	2/26/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	130	U	130	180	230	ug/Kg
129-00-0	Pyrene	160		57.2	88.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	340		70.4	88.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	140		57.3	88.9	120	ug/Kg
218-01-9	Chrysene	140		59.3	88.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130		78.6	88.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	84.1	U	84.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		54.9	88.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	66.3	J	60.2	88.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	140		64.5	88.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.6	J	73.1	88.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	88.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	63.2	88.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.1	U	61.1	88.9	120	ug/Kg
123-91-1	1,4-Dioxane	80	U	80	88.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.7	U	56.7	88.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.6	U	61.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.212		18-112		59	SPK: -150
13127-88-3	Phenol-d6	76.463		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	61.128		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	64.274		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.853		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	37.574		14-112		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180723	6.781				
1146-65-2	Naphthalene-d8	638196	8.063				
15067-26-2	Acenaphthene-d10	290409	9.816				
1517-22-2	Phenanthrene-d10	439385	11.31				
1719-03-5	Chrysene-d12	444108	13.968				
1520-96-3	Perylene-d12	330124	15.451				

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Report of Analysis

Client:				Date Collected:	2/23/2024 12:00:00 AM
Project:				Date Received:	2/23/2024 12:00:00 AM
Client Sample ID:	AU-06-02232024			SDG No.:	BF022724
Lab Sample ID:	P1584-01			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	12.3
Sample Wt/Vol:	50.05	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
BF137419.D	1	2/26/2024 12:00:00 AM	2/27/2024 12:00:00 AM	PB159278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000629-50-5	Tridecane	140	J			8.657	
000544-76-3	Hexadecane	250	J			9.222	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	180	J			9.545	
063435-25-6	Benzene, 2-(2-butenyl)-1,3,5-trime	81.3	J			9.569	
000629-78-7	Heptadecane	280	J			9.757	
007098-22-8	Tetratetracontane	85.7	J			10.08	
000629-92-5	Nonadecane	300	J			10.257	
017301-22-3	Undecane, 2,5-dimethyl-	170	J			10.475	
000593-49-7	Heptacosane	490	J			10.733	
013187-99-0	2-Bromo dodecane	290	J			11.18	
035599-77-0	Tridecane, 1-iodo-	160	J			11.21	
055045-08-4	Dodecane, 2-methyl-6-propyl-	240	J			11.61	
000112-39-0	Hexadecanoic acid, methyl ester	1400	J			11.716	
000057-10-3	n-Hexadecanoic acid	280	J			11.851	
000112-95-8	Eicosane	200	J			12.021	
002462-85-3	9,12-Octadecadienoic acid, methyl	5400	J			12.416	
056554-47-3	13-Octadecenoic acid, methyl ester	3000	J			12.433	
000629-94-7	Heneicosane	110	J			13.151	
000629-59-4	Tetradecane	140	J			13.821	
000192-97-2	Benzo[e]pyrene	150	J			15.321	

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BF022724

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**NB-07-022224DL**								
P1573-01DL	NB-07-022224DL	Solid	1-Methylnaphthalene		1,500.000	JD	1400	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	2-Methylnaphthalene		1,700.000	JD	1500	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Acenaphthene		1,700.000	JD	1300	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Anthracene		3,800.000	D	1600	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Benzo(a)anthracene		7,200.000	D	1300	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Benzo(a)pyrene		7,000.000	D	1500	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Benzo(b)fluoranthene		8,900.000	D	1300	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Benzo(g,h,i)perylene		3,700.000	D	1500	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Benzo(k)fluoranthene		3,000.000	D	1400	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Carbazole		1,700.000	JD	1400	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Chrysene		6,400.000	D	1400	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Dibenzofuran		1,500.000	JD	1200	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Fluoranthene		16,400.000	D	1500	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Fluorene		3,700.000	D	1400	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Indeno(1,2,3-cd)pyrene		3,300.000	D	1700	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Naphthalene		3,400.000	D	1300	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Phenanthrene		18,700.000	D	1500	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Pyrene		11,700.000	D	1300	2700	ug/Kg
P1573-01DL	NB-07-022224DL	Solid	Total PAH		98,900.000	D	22900	43200	ug/Kg
			Total Svoc :		**204,200.00**				
			Total Concentration:		**204,200.00**				
Client ID :	**AU-06-02232024**								
P1584-01	AU-06-02232024	Solid	13-Octadecenoic acid, methyl este	*	3,000.000	J			
P1584-01	AU-06-02232024	Solid	2-Bromo dodecane	*	290.000	J			
P1584-01	AU-06-02232024	Solid	9,12-Octadecadienoic acid, methy	*	5,400.000	J			
P1584-01	AU-06-02232024	Solid	Benzene, 2-(2-butenyl)-1,3,5-trim	*	81.300	J			
P1584-01	AU-06-02232024	Solid	Benzo[e]pyrene	*	150.000	J			
P1584-01	AU-06-02232024	Solid	Carbonic acid, eicosyl vinyl ester	*	180.000	J			
P1584-01	AU-06-02232024	Solid	Dodecane, 2-methyl-6-propyl-	*	240.000	J			
P1584-01	AU-06-02232024	Solid	Eicosane	*	200.000	J			
P1584-01	AU-06-02232024	Solid	Heneicosane	*	110.000	J			
P1584-01	AU-06-02232024	Solid	Heptacosane	*	490.000	J			
P1584-01	AU-06-02232024	Solid	Heptadecane	*	280.000	J			
P1584-01	AU-06-02232024	Solid	Hexadecane	*	250.000	J			
P1584-01	AU-06-02232024	Solid	Hexadecanoic acid, methyl ester	*	1,400.000	J			
P1584-01	AU-06-02232024	Solid	n-Hexadecanoic acid	*	280.000	J			
P1584-01	AU-06-02232024	Solid	Nonadecane	*	300.000	J			
P1584-01	AU-06-02232024	Solid	Tetradecane	*	140.000	J			
P1584-01	AU-06-02232024	Solid	Tetratetracontane	*	85.700	J			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BF022724

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P1584-01	AU-06-02232024	Solid	Tridecane	*	140.000	J			
P1584-01	AU-06-02232024	Solid	Tridecane, 1-iodo-	*	160.000	J			
P1584-01	AU-06-02232024	Solid	Undecane, 2,5-dimethyl-	*	170.000	J			
			Total Tics :		**13,347.00**				
P1584-01	AU-06-02232024	Solid	Benzo(a)anthracene		140.000		57.3	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Benzo(a)pyrene		140.000		64.5	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Benzo(b)fluoranthene		190.000		54.9	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Benzo(g,h,i)perylene		110.000	J	63.2	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Benzo(k)fluoranthene		66.300	J	60.2	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Bis(2-ethylhexyl)phthalate		130.000		78.6	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Butylbenzylphthalate		340.000		70.4	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Chrysene		140.000		59.3	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Fluoranthene		310.000		64.5	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Indeno(1,2,3-cd)pyrene		86.600	J	73.1	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Phenanthrene		170.000		63.4	120	ug/Kg
P1584-01	AU-06-02232024	Solid	Pyrene		160.000		57.2	120	ug/Kg
			Total Svoc :		**1,982.90**				
			Total Concentration:		**15,329.90**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022324 SAS No.: BF022324 SDG No.: BF022324

Instrument ID: Calibration Date(s): 2/23/2024

Calibration Time(s): 10:31

LAB FILE ID: RRF2.5 = BF137366.D RRF005 = BF137367.D RRF010 = BF137368.D
RRF020 = BF137369.D RRF040 = BF137370.D RRF050 = BF137371.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.381	0.529	0.667	0.702	0.616	21.8
Pyridine		1.114	1.418	1.682	1.811	1.829	1.649	17.1
2-Fluorophenol		1.103	1.261	1.425	1.380	1.348	1.296	8.3
Benzaldehyde		0.670	0.881	0.992	1.007	0.986	0.918	12.9
Aniline		1.862	2.175	2.414	2.413	2.375	2.261	8.8
Phenol-d6		1.886	1.994	2.073	1.950	1.885	1.907	6.0
Phenol		1.942	2.130	2.291	2.156	2.127	2.087	6.6
bis(2-Chloroethyl)ether		1.402	1.695	1.531	1.505	1.514	1.516	5.9
2-Chlorophenol		1.365	1.446	1.511	1.414	1.404	1.390	6.0
1,2-Dichlorobenzene		1.526	1.540	1.562	1.421	1.381	1.422	9.5
1,3-Dichlorobenzene		1.528	1.547	1.597	1.511	1.473	1.493	5.5
1,4-Dichlorobenzene		1.555	1.620	1.675	1.552	1.499	1.537	6.5
Benzyl Alcohol		0.930	1.043	1.268	1.240	1.209	1.137	10.9
2-Methylphenol		1.274	1.290	1.415	1.354	1.324	1.315	4.6
2,2-oxybis(1-Chloropropane)		2.585	2.600	2.695	2.573	2.482	2.520	5.6
Acetophenone		0.481	0.528	0.540	0.498	0.466	0.485	8.4
3+4-Methylphenols		1.396	1.634	1.701	1.570	1.482	1.499	9.8
n-Nitroso-di-n-propylamine	1.123	1.155	1.248	1.261	1.188	1.177	1.175	4.9
Nitrobenzene-d5		0.341	0.394	0.427	0.421	0.410	0.401	7.3
Hexachloroethane		0.540	0.557	0.571	0.532	0.522	0.530	6.0
Nitrobenzene		0.333	0.384	0.442	0.435	0.425	0.407	9.3
Isophorone		0.805	0.844	0.871	0.833	0.816	0.828	2.9
2-Nitrophenol		0.103	0.106	0.145	0.151	0.153	0.140	17.5
2,4-Dimethylphenol		0.276	0.302	0.329	0.317	0.308	0.305	5.8
bis(2-Chloroethoxy)methane		0.442	0.470	0.517	0.495	0.478	0.478	5.2
2,4-Dichlorophenol		0.250	0.281	0.305	0.299	0.291	0.286	6.5
1,2,4-Trichlorobenzene		0.302	0.321	0.331	0.313	0.298	0.307	5.5
Benzoic acid			0.109	0.136	0.172	0.182	0.166	21.8
Naphthalene		1.129	1.154	1.188	1.081	1.025	1.073	8.6
4-Chloroaniline		0.347	0.401	0.441	0.438	0.434	0.408	8.2
Hexachlorobutadiene		0.185	0.188	0.196	0.182	0.177	0.182	4.9
Caprolactam		0.070	0.082	0.091	0.092	0.093	0.088	10.6
4-Chloro-3-methylphenol		0.294	0.324	0.347	0.332	0.329	0.324	5.2
2-Methylnaphthalene		0.719	0.751	0.761	0.698	0.662	0.692	8.5
Hexachlorocyclopentadiene			0.186	0.240	0.263	0.267	0.250	13.5
2,4,6-Trichlorophenol		0.328	0.348	0.381	0.370	0.362	0.357	5.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022324 SAS No.: BF022324 SDG No.: BF022324

Instrument ID: Calibration Date(s): 2/23/2024

Calibration Time(s): 10:31

LAB FILE ID: RRF2.5 = BF137366.D RRF005 = BF137367.D RRF010 = BF137368.D
RRF020 = BF137369.D RRF040 = BF137370.D RRF050 = BF137371.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.463	1.457	1.447	1.268	1.178	1.285	13.6
2,4,5-Trichlorophenol		0.387	0.378	0.429	0.433	0.419	0.410	5.2
1,1-Biphenyl		1.555	1.552	1.602	1.475	1.399	1.457	8.7
2-Chloronaphthalene		1.118	1.155	1.195	1.120	1.066	1.100	6.2
2-Nitroaniline		0.165	0.203	0.269	0.318	0.333	0.283	26.0
Dimethylphthalate		1.394	1.453	1.475	1.393	1.357	1.382	5.1
Acenaphthylene		1.893	1.934	1.965	1.813	1.726	1.787	9.2
2,6-Dinitrotoluene		0.189	0.233	0.273	0.280	0.277	0.257	13.4
3-Nitroaniline		0.187	0.216	0.268	0.291	0.296	0.265	17.2
Acenaphthene		1.131	1.145	1.185	1.085	1.013	1.067	9.1
2,4-Dinitrophenol			0.051	0.082	0.109	0.116	0.102	29.4
4-Nitrophenol			0.117	0.171	0.204	0.212	0.189	20.8
Dibenzofuran		1.745	1.808	1.840	1.657	1.581	1.649	10.0
2,4-Dinitrotoluene		0.210	0.268	0.313	0.334	0.336	0.302	15.5
Diethylphthalate		1.293	1.356	1.389	1.317	1.267	1.290	5.8
4-Chlorophenyl-phenylether		0.660	0.702	0.687	0.611	0.574	0.619	10.6
Fluorene		1.403	1.416	1.412	1.238	1.173	1.259	12.2
4-Nitroaniline		0.162	0.216	0.268	0.268	0.272	0.248	17.4
4,6-Dinitro-2-methylphenol			0.064	0.083	0.093	0.098	0.090	16.1
n-Nitrosodiphenylamine		0.660	0.683	0.700	0.653	0.631	0.650	5.8
Azobenzene		1.580	1.644	1.684	1.587	1.503	1.544	7.5
2,4,6-Tribromophenol		0.159	0.170	0.181	0.178	0.174	0.174	4.4
4-Bromophenyl-phenylether		0.201	0.217	0.225	0.221	0.216	0.215	4.3
Hexachlorobenzene		0.228	0.222	0.232	0.225	0.217	0.222	3.4
Atrazine		0.147	0.167	0.186	0.182	0.182	0.175	8.1
Pentachlorophenol		0.104	0.129	0.150	0.153	0.151	0.141	13.0
Phenanthrene		1.174	1.209	1.214	1.090	1.048	1.103	9.0
Anthracene		1.162	1.231	1.257	1.151	1.106	1.137	8.4
Carbazole		0.977	1.027	1.064	0.992	0.933	0.972	6.9
Di-n-butylphthalate		0.770	0.908	1.025	1.033	1.041	0.972	10.5
Fluoranthene		1.146	1.190	1.191	1.070	1.012	1.077	9.5
Benzidine			0.159	0.239	0.331	0.349	0.298	27.4
Pyrene		1.723	1.774	1.919	1.991	1.982	1.891	5.7
Terphenyl-d14		1.358	1.392	1.450	1.466	1.468	1.430	3.1
Butylbenzylphthalate		0.101	0.130	0.182	0.251	0.280	0.229	40.8
3,3-Dichlorobenzidine			0.206	0.264	0.311	0.318	0.296	17.5

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022324 SAS No.: BF022324 SDG No.: BF022324

Instrument ID: Calibration Date(s): 2/23/2024

Calibration Time(s): 10:31

LAB FILE ID: RRF2.5 = BF137366.D RRF005 = BF137367.D RRF010 = BF137368.D
RRF020 = BF137369.D RRF040 = BF137370.D RRF050 = BF137371.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.341	1.392	1.444	1.399	1.383	1.388	2.7
Chrysene		1.424	1.426	1.475	1.427	1.422	1.418	2.6
Bis(2-ethylhexyl)phthalate		0.135	0.181	0.251	0.322	0.367	0.299	37.8
Di-n-octyl phthalate			0.230	0.351	0.516	0.631	0.554	42.5
Benzo(b)fluoranthene		1.150	1.253	1.318	1.265	1.254	1.227	5.3
Benzo(k)fluoranthene		1.270	1.347	1.446	1.282	1.219	1.286	6.6
Benzo(a)pyrene		1.024	1.101	1.245	1.219	1.199	1.164	6.7
Indeno(1,2,3-cd)pyrene		0.855	0.989	1.260	1.429	1.435	1.251	18.9
Dibenzo(a,h)anthracene		0.706	0.799	1.071	1.185	1.171	1.031	19.1
Benzo(g,h,i)perylene		0.712	0.816	1.051	1.209	1.211	1.053	19.7
1,2,4,5-Tetrachlorobenzene		0.553	0.558	0.595	0.568	0.540	0.551	5.3
1,4-Dioxane		0.655	0.714	0.737	0.726	0.727	0.710	4.0
2,3,4,6-Tetrachlorophenol		0.338	0.342	0.362	0.345	0.335	0.339	3.9
1-Methylnaphthalene		0.702	0.721	0.702	0.653	0.622	0.654	9.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137370.D Time Analyzed: 12:47

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	187918	6.804	767138	8.08	434402	9.83
	UPPER LIMIT	375836	7.304	1534276	8.581	868804	10.333
	LOWER LIMIT	93959	6.304	383569	7.581	217201	9.333
	EPA SAMPLE NO.						
01	PB159259BL	265220	6.79	1.06295e	8.06	586173	9.82
02	PB159259BS	251989	6.79	1.02242e	8.07	565380	9.83
03	PB159259TB	249835	6.79	1.01154e	8.06	576575	9.82
04	SP6438	179386	6.79	751614	8.06	420811	9.82
05	NB-07-022224DL	167554	6.78	666758	8.06	350426	9.82
06	20240766-AMENDED-COMP-39N-N-3-	222820	6.78	850033	8.06	440769	9.82
07	20240767-AMENDED-COMP-39N-N-3-	217529	6.78	841616	8.06	441731	9.82
08	20240768-AMENDED-COMP-39N-N-3-	220396	6.78	854640	8.06	439215	9.82
09	20240768-AMENDED-COMP-39N-N-3-	224516	6.78	875750	8.06	456871	9.82
10	20240768-AMENDED-COMP-39N-N-3-	222527	6.78	859403	8.06	447259	9.82
11	20241102-AMENDED-COMPOSITE-35N	222256	6.78	852047	8.06	442356	9.82
12	20241103-AMENDED-COMPOSITE-35N	231316	6.78	897020	8.06	482629	9.82
13	20241104-AMENDED-COMPOSITE-35N	221085	6.78	864279	8.06	455499	9.82
14	20241105-AMENDED-COMPOSITE-35N	198058	6.78	778816	8.06	430593	9.82
15	20241106-AMENDED-COMPOSITE-35N	226245	6.78	880823	8.06	479849	9.82
16	20241107-AMENDED-COMPOSITE-35N	194625	6.78	767479	8.06	416979	9.82
17	20241107-AMENDED-COMPOSITE-35N	222028	6.79	851789	8.06	453827	9.82
18	20241107-AMENDED-COMPOSITE-35N	215450	6.79	828795	8.06	451625	9.82
19	VNJ-232	206405	6.79	815455	8.06	444679	9.82
20	AU-06-02232024	180723	6.78	638196	8.06	290409	9.82

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137370.D Time Analyzed: 22:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	187918	6.804	767138	8.08	434402	9.83
UPPER LIMIT	375836	7.304	1534276	8.581	868804	10.333
LOWER LIMIT	93959	6.304	383569	7.581	217201	9.333
EPA SAMPLE NO.						

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137399.D Time Analyzed: 12:47

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	237140	6.787	941207	8.07	524734	9.82
	UPPER LIMIT	474280	7.287	1882414	8.569	1049468	10.322
	LOWER LIMIT	118570	6.287	470603.5	7.569	262367	9.322
	EPA SAMPLE NO.						
01	PB159259BL	265220	6.79	1.06295e	8.06	586173	9.82
02	PB159259BS	251989	6.79	1.02242e	8.07	565380	9.83
03	PB159259TB	249835	6.79	1.01154e	8.06	576575	9.82
04	SP6438	179386	6.79	751614	8.06	420811	9.82
05	NB-07-022224DL	167554	6.78	666758	8.06	350426	9.82
06	20240766-AMENDED-COMP-39N-N-3-	222820	6.78	850033	8.06	440769	9.82
07	20240767-AMENDED-COMP-39N-N-3-	217529	6.78	841616	8.06	441731	9.82
08	20240768-AMENDED-COMP-39N-N-3-	220396	6.78	854640	8.06	439215	9.82
09	20240768-AMENDED-COMP-39N-N-3-	224516	6.78	875750	8.06	456871	9.82
10	20240768-AMENDED-COMP-39N-N-3-	222527	6.78	859403	8.06	447259	9.82
11	20241102-AMENDED-COMPOSITE-35N	222256	6.78	852047	8.06	442356	9.82
12	20241103-AMENDED-COMPOSITE-35N	231316	6.78	897020	8.06	482629	9.82
13	20241104-AMENDED-COMPOSITE-35N	221085	6.78	864279	8.06	455499	9.82
14	20241105-AMENDED-COMPOSITE-35N	198058	6.78	778816	8.06	430593	9.82
15	20241106-AMENDED-COMPOSITE-35N	226245	6.78	880823	8.06	479849	9.82
16	20241107-AMENDED-COMPOSITE-35N	194625	6.78	767479	8.06	416979	9.82
17	20241107-AMENDED-COMPOSITE-35N	222028	6.79	851789	8.06	453827	9.82
18	20241107-AMENDED-COMPOSITE-35N	215450	6.79	828795	8.06	451625	9.82
19	VNJ-232	206405	6.79	815455	8.06	444679	9.82
20	AU-06-02232024	180723	6.78	638196	8.06	290409	9.82

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137399.D Time Analyzed: 22:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	237140	6.787	941207	8.07	524734	9.82
UPPER LIMIT	474280	7.287	1882414	8.569	1049468	10.322
LOWER LIMIT	118570	6.287	470603.5	7.569	262367	9.322
EPA SAMPLE NO.						

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137370.D Time Analyzed: 12:47

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	745721	11.327	413231	13.98	338860	15.462
	UPPER LIMIT	1491442	11.827	826462	14.48	677720	15.962
	LOWER LIMIT	372860.5	10.827	206615.5	13.48	169430	14.962
	EPA SAMPLE NO.						
01	PB159259BL	1.11322	11.31	865765 *	13.97	713828 *	15.45
02	PB159259BS	1.01944	11.32	553210	13.97	478902	15.45
03	PB159259TB	1.02437	11.31	787568	13.97	622619	15.45
04	SP6438	781185	11.31	582294	13.96	461171	15.45
05	NB-07-022224DL	507557	11.31	348402	13.96	369851	15.45
06	20240766-AMENDED-COMP-39N-I	650873	11.31	429788	13.96	463865	15.45
07	20240767-AMENDED-COMP-39N-I	652601	11.31	436776	13.96	445541	15.45
08	20240768-AMENDED-COMP-39N-I	654876	11.31	437178	13.96	452112	15.45
09	20240768-AMENDED-COMP-39N-I	662087	11.31	381218	13.97	451295	15.45
10	20240768-AMENDED-COMP-39N-I	640186	11.31	377798	13.97	439752	15.45
11	20241102-AMENDED-COMPOSITE·	648411	11.31	427624	13.96	459244	15.45
12	20241103-AMENDED-COMPOSITE·	701964	11.31	438222	13.96	474133	15.45
13	20241104-AMENDED-COMPOSITE·	659456	11.31	420237	13.96	444402	15.45
14	20241105-AMENDED-COMPOSITE·	675492	11.31	422210	13.96	423482	15.45
15	20241106-AMENDED-COMPOSITE·	729739	11.31	441076	13.96	457879	15.45
16	20241107-AMENDED-COMPOSITE·	634281	11.31	406663	13.96	405824	15.45
17	20241107-AMENDED-COMPOSITE·	657558	11.31	389502	13.97	449816	15.45
18	20241107-AMENDED-COMPOSITE·	674824	11.32	379493	13.97	442861	15.45
19	VNJ-232	684307	11.31	395831	13.96	410314	15.45
20	AU-06-02232024	439385	11.31	444108	13.97	330124	15.45

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137370.D Time Analyzed: 22:09

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	745721	11.327	413231	13.98	338860	15.462
UPPER LIMIT	1491442	11.827	826462	14.48	677720	15.962
LOWER LIMIT	372860.5	10.827	206615.5	13.48	169430	14.962
EPA SAMPLE NO.						

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137399.D Time Analyzed: 12:47

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	911421	11.316	527924	13.969	406346	15.451
	UPPER LIMIT	1822842	11.816	1055848	14.469	812692	15.951
	LOWER LIMIT	455710.5	10.816	263962	13.469	203173	14.951
	EPA SAMPLE NO.						
01	PB159259BL	1.11322	11.31	865765	13.97	713828	15.45
02	PB159259BS	1.01944	11.32	553210	13.97	478902	15.45
03	PB159259TB	1.02437	11.31	787568	13.97	622619	15.45
04	SP6438	781185	11.31	582294	13.96	461171	15.45
05	NB-07-022224DL	507557	11.31	348402	13.96	369851	15.45
06	20240766-AMENDED-COMP-39N-I	650873	11.31	429788	13.96	463865	15.45
07	20240767-AMENDED-COMP-39N-I	652601	11.31	436776	13.96	445541	15.45
08	20240768-AMENDED-COMP-39N-I	654876	11.31	437178	13.96	452112	15.45
09	20240768-AMENDED-COMP-39N-I	662087	11.31	381218	13.97	451295	15.45
10	20240768-AMENDED-COMP-39N-I	640186	11.31	377798	13.97	439752	15.45
11	20241102-AMENDED-COMPOSITE	648411	11.31	427624	13.96	459244	15.45
12	20241103-AMENDED-COMPOSITE	701964	11.31	438222	13.96	474133	15.45
13	20241104-AMENDED-COMPOSITE	659456	11.31	420237	13.96	444402	15.45
14	20241105-AMENDED-COMPOSITE	675492	11.31	422210	13.96	423482	15.45
15	20241106-AMENDED-COMPOSITE	729739	11.31	441076	13.96	457879	15.45
16	20241107-AMENDED-COMPOSITE	634281	11.31	406663	13.96	405824	15.45
17	20241107-AMENDED-COMPOSITE	657558	11.31	389502	13.97	449816	15.45
18	20241107-AMENDED-COMPOSITE	674824	11.32	379493	13.97	442861	15.45
19	VNJ-232	684307	11.31	395831	13.96	410314	15.45
20	AU-06-02232024	439385 *	11.31	444108	13.97	330124	15.45

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 27 2024 12:00AM

Lab File ID: BF137399.D Time Analyzed: 22:09

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	911421	11.316	527924	13.969	406346	15.451
UPPER LIMIT	1822842	11.816	1055848	14.469	812692	15.951
LOWER LIMIT	455710.5	10.816	263962	13.469	203173	14.951
EPA SAMPLE NO.						

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.

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159259BS	n-Nitrosodimethylamine	50	46.5	ug/L	93				55	108	
	Pyridine	50	34.2	ug/L	68				29	97	
	Benzaldehyde	50	13.4	ug/L	27				15	121	
	Aniline	50	23.7	ug/L	47				10	130	
	Phenol	50	42.4	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	46.8	ug/L	94				62	103	
	2-Chlorophenol	50	47.4	ug/L	95				70	117	
	1,2-Dichlorobenzene	50	45.9	ug/L	92				72	102	
	1,3-Dichlorobenzene	50	44.3	ug/L	89				71	103	
	1,4-Dichlorobenzene	50	44.5	ug/L	89				76	103	
	Benzyl Alcohol	50	52.2	ug/L	104		*		36	93	
	2-Methylphenol	50	42.1	ug/L	84				69	109	
	2,2-oxybis(1-Chloropropane)	50	45.3	ug/L	91				52	103	
	Acetophenone	50	45.3	ug/L	91				60	104	
	3+4-Methylphenols	50	41.7	ug/L	83				67	106	
	N-Nitroso-di-n-propylamine	50	43.2	ug/L	86				57	107	
	Hexachloroethane	50	44.2	ug/L	88				76	118	
	Nitrobenzene	50	46.1	ug/L	92				58	106	
	Isophorone	50	44.1	ug/L	88				61	102	
	2-Nitrophenol	50	51.8	ug/L	104				70	115	
	2,4-Dimethylphenol	50	39.7	ug/L	79				67	130	
	bis(2-Chloroethoxy)methane	50	45.5	ug/L	91				58	109	
	2,4-Dichlorophenol	50	47.2	ug/L	94				66	115	
	1,2,4-Trichlorobenzene	50	45.4	ug/L	91				41	115	
	Benzoic acid	50	51.7	ug/L	103				10	125	
	Naphthalene	50	42.5	ug/L	85				64	107	
	4-Chloroaniline	50	13	ug/L	26				10	85	
	Hexachlorobutadiene	50	44.1	ug/L	88				69	101	
	Caprolactam	50	50.5	ug/L	101				58	128	
	4-Chloro-3-methylphenol	50	46.3	ug/L	93				65	114	
	2-Methylnaphthalene	50	41	ug/L	82				64	107	
	Hexachlorocyclopentadiene	100	83.9	ug/L	84				36	160	
	2,4,6-Trichlorophenol	50	47.8	ug/L	96				61	110	
	2,4,5-Trichlorophenol	50	43.7	ug/L	87				70	106	
	1,1-Biphenyl	50	43.7	ug/L	87				72	98	
	2-Chloronaphthalene	50	46.1	ug/L	92				59	106	
	2-Nitroaniline	50	50.6	ug/L	101				58	107	
	Dimethylphthalate	50	44.6	ug/L	89				64	103	
	Acenaphthylene	50	44.9	ug/L	90				65	108	
	2,6-Dinitrotoluene	50	51.2	ug/L	102				64	110	
	3-Nitroaniline	50	28.4	ug/L	57				28	100	
	Acenaphthene	50	42.7	ug/L	85				59	113	
	Total PAH	800	710	ug/L	89				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				64	132	
	4-Nitrophenol	100	96.5	ug/L	97				68	116	
	Dibenzofuran	50	41.4	ug/L	83				65	106	

CHEMTECH

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

SDG No.: BF022724

Client:

Analytical Method: 8270E **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159259BS	2,4-Dinitrotoluene	50	51.8	ug/L	104				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	103	ug/L	103				60	115	
	Diethylphthalate	50	45.7	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	41.4	ug/L	83				61	104	
	Fluorene	50	41.8	ug/L	84				64	107	
	4-Nitroaniline	50	49.7	ug/L	99				69	112	
	4,6-Dinitro-2-methylphenol	50	52.1	ug/L	104				62	132	
	N-Nitrosodiphenylamine	50	41.7	ug/L	83				61	109	
	Azobenzene	50	43.3	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50	43	ug/L	86				73	103	
	Hexachlorobenzene	50	44.3	ug/L	89				73	106	
	Atrazine	50	47.2	ug/L	94				76	120	
	Pentachlorophenol	100	86.5	ug/L	87				47	114	
	Phenanthrene	50	40.8	ug/L	82				62	109	
	Anthracene	50	41	ug/L	82				65	110	
	Carbazole	50	43.7	ug/L	87				62	106	
	Di-n-butylphthalate	50	52.4	ug/L	105				64	106	
	Fluoranthene	50	43.4	ug/L	87				64	110	
	Benzidine	100	31	ug/L	31				10	94	
	Pyrene	50	46.5	ug/L	93				71	103	
	Butylbenzylphthalate	50	68.2	ug/L	136		*		61	105	
	3,3-Dichlorobenzidine	50	40.1	ug/L	80				43	108	
	Benzo(a)anthracene	50	46.1	ug/L	92				62	107	
	Chrysene	50	44.7	ug/L	89				61	108	
	bis(2-Ethylhexyl)phthalate	50	70	ug/L	140		*		59	110	
	Di-n-octyl phthalate	50	67	ug/L	134		*		67	126	
	Benzo(b)fluoranthene	50	46.2	ug/L	92				77	113	
	Benzo(k)fluoranthene	50	43.5	ug/L	87				64	113	
	Benzo(a)pyrene	50	44.5	ug/L	89				72	131	
	Indeno(1,2,3-cd)pyrene	50	48.3	ug/L	97				72	105	
	Dibenz(a,h)anthracene	50	47.5	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	45.6	ug/L	91				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.5	ug/L	89				72	101	
	1,4-Dioxane	50	37.3	ug/L	75				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.8	ug/L	92				63	116	
	1-Methylnaphthalene	50	41.8	ug/L	84				51	114	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6438

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

Lab File ID: BF137403.D Lab Sample ID: SP6438

Instrument ID: BNA_F Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 02/27/2024

Level: (low/med) LOW Time Analyzed: 14:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6438	SP6438	BF137403.D	02/27/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159259BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

Lab File ID: BF137400.D Lab Sample ID: PB159259BL

Instrument ID: BNA_F Date Extracted: 02/23/2024

Matrix: (soil/water) Water Date Analyzed: 02/27/2024

Level: (low/med) LOW Time Analyzed: 12:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159259BS	PB159259BS	BF137401.D	02/27/2024
PB159259TB	PB159259TB	BF137402.D	02/27/2024
20240766-AMENDED-COMP-39N-N-3-01	P1524-06	BF137405.D	02/27/2024
20240767-AMENDED-COMP-39N-N-3-02	P1524-07	BF137406.D	02/27/2024
20240768-AMENDED-COMP-39N-N-3-03	P1524-08	BF137407.D	02/27/2024
20240768-AMENDED-COMP-39N-N-3-03MS	P1524-09MS	BF137408.D	02/27/2024
20240768-AMENDED-COMP-39N-N-3-03MS	P1524-10MSD	BF137409.D	02/27/2024
20241102-AMENDED-COMPOSITE-35N-N-	P1539-01	BF137410.D	02/27/2024
20241103-AMENDED-COMPOSITE-35N-N-	P1539-02	BF137411.D	02/27/2024
20241104-AMENDED-COMPOSITE-35N-N-	P1539-03	BF137412.D	02/27/2024
20241105-AMENDED-COMPOSITE-35N-N-	P1539-04	BF137413.D	02/27/2024
20241106-AMENDED-COMPOSITE-35N-N-	P1539-05	BF137414.D	02/27/2024
20241107-AMENDED-COMPOSITE-35N-N-	P1539-06	BF137415.D	02/27/2024
20241107-AMENDED-COMPOSITE-35N-N-	P1539-07MS	BF137416.D	02/27/2024
20241107-AMENDED-COMPOSITE-35N-N-	P1539-08MSD	BF137417.D	02/27/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

AU-06-02232024

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

Lab File ID: BF137419.D Lab Sample ID: P1584-01

Instrument ID: BNA_F Date Extracted: 02/26/2024

Matrix: (soil/water) Solid Date Analyzed: 02/27/2024

Level: (low/med) LOW Time Analyzed: 22:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
AU-06-02232024	P1584-01	BF137419.D	02/27/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-232

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BF022724 SAS No.: BF022724 SDG NO.: BF022724

Lab File ID: BF137418.D Lab Sample ID: P1585-02

Instrument ID: BNA_F Date Extracted: 02/27/2024

Matrix: (soil/water) water Date Analyzed: 02/27/2024

Level: (low/med) LOW Time Analyzed: 21:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-232	P1585-02	BF137418.D	02/27/2024

COMMENTS:

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P1524-09MS		**Client Sample ID: 20240768-AMENDED-COMP-39N-N-**						**DataFile: BF137408.D**			
n-Nitrosodimethylamine	50		15.9	ug/L	32				10	130	
Pyridine	50		8.8	ug/L	18				10	109	
Benzaldehyde	50		8.6	ug/L	17				10	137	
Aniline	50		7.9	ug/L	16				10	130	
Phenol	50		11.4	ug/L	23				10	130	
bis(2-Chloroethyl)ether	50		43.9	ug/L	88				29	141	
2-Chlorophenol	50		36.8	ug/L	74				23	127	
1,2-Dichlorobenzene	50		42.1	ug/L	84				61	114	
1,3-Dichlorobenzene	50		40.6	ug/L	81				65	106	
1,4-Dichlorobenzene	50		40.5	ug/L	81				55	125	
Benzyl Alcohol	50		26.3	ug/L	53				31	94	
2-Methylphenol	50		25.2	ug/L	50				23	132	
2,2-oxybis(1-Chloropropane)	50		45.7	ug/L	91				36	141	
Acetophenone	50		47.6	ug/L	95				31	164	
3+4-Methylphenols	50		22.6	ug/L	45				17	136	
N-Nitroso-di-n-propylamine	50		44.4	ug/L	89				36	147	
Hexachloroethane	50		38.9	ug/L	78				35	137	
Nitrobenzene	50		47	ug/L	94				40	134	
Isophorone	50		45.2	ug/L	90				39	146	
2-Nitrophenol	50		51.2	ug/L	102				30	148	
2,4-Dimethylphenol	50		34.1	ug/L	68				17	143	
bis(2-Chloroethoxy)methane	50		45.9	ug/L	92				39	143	
2,4-Dichlorophenol	50		43.1	ug/L	86				22	146	
1,2,4-Trichlorobenzene	50		44.2	ug/L	88				66	110	
Benzoic acid	50		17.6	ug/L	35				10	101	
Naphthalene	50		42.1	ug/L	84				17	157	
4-Chloroaniline	50		5.8	ug/L	12				10	95	
Hexachlorobutadiene	50		43.1	ug/L	86				52	125	
Caprolactam	50		6.2	ug/L	12				10	130	
4-Chloro-3-methylphenol	50		36.6	ug/L	73				17	148	
2-Methylnaphthalene	50		40.9	ug/L	82				38	146	
Hexachlorocyclopentadiene	100		48.8	ug/L	49				20	153	
2,4,6-Trichlorophenol	50		46.6	ug/L	93				46	139	
2,4,5-Trichlorophenol	50		42	ug/L	84				42	129	
1,1-Biphenyl	50		46	ug/L	92				38	154	
2-Chloronaphthalene	50		47.4	ug/L	95				41	145	
2-Nitroaniline	50		49.5	ug/L	99				39	151	
Dimethylphthalate	50		45.7	ug/L	91				42	147	
Acenaphthylene	50		45.7	ug/L	91				40	141	
2,6-Dinitrotoluene	50		51.5	ug/L	103				43	148	
3-Nitroaniline	50		19.5	ug/L	39				10	111	
Acenaphthene	50		43.3	ug/L	87				37	146	
Total PAH	800		669.7	ug/L	84				37	146	
2,4-Dinitrophenol	100		76.6	ug/L	77				14	167	
4-Nitrophenol	100		23.5	ug/L	24				10	130	
Dibenzofuran	50		42.8	ug/L	86				41	145	
2,4-Dinitrotoluene	50		48.8	ug/L	98				40	151	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	100		100.3	ug/L	100				40	151	
Diethylphthalate	50		46.4	ug/L	93				41	148	
4-Chlorophenyl-phenylether	50		41.3	ug/L	83				38	149	
Fluorene	50		40.9	ug/L	82				39	144	
4-Nitroaniline	50		32.3	ug/L	65				27	138	
4,6-Dinitro-2-methylphenol	50		48.6	ug/L	97				32	175	
N-Nitrosodiphenylamine	50		49.9	ug/L	100				40	150	
Azobenzene	50		42.6	ug/L	85				72	112	
4-Bromophenyl-phenylether	50		51.1	ug/L	102				42	151	
Hexachlorobenzene	50		50.1	ug/L	100				60	129	
Atrazine	50		54.4	ug/L	109				20	162	
Pentachlorophenol	100		82.7	ug/L	83				15	137	
Phenanthrene	50		44.6	ug/L	89				40	147	
Anthracene	50		44	ug/L	88				41	146	
Carbazole	50		42.2	ug/L	84				37	154	
Di-n-butylphthalate	50		61.2	ug/L	122				40	151	
Fluoranthene	50		39.5	ug/L	79				42	146	
Benzidine	100		11.3	ug/L	11				10	130	
Pyrene	50		39.3	ug/L	79				41	149	
Butylbenzylphthalate	50		71.5	ug/L	143				39	155	
3,3-Dichlorobenzidine	50		42.3	ug/L	85				10	114	
Benzo(a)anthracene	50		47.1	ug/L	94				41	147	
Chrysene	50		47	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	50		82.1	ug/L	164	*			33	160	
Di-n-octyl phthalate	50		82.9	ug/L	166	*			36	158	
Benzo(b)fluoranthene	50		46.7	ug/L	93				40	150	
Benzo(k)fluoranthene	50		46	ug/L	92				40	147	
Benzo(a)pyrene	50		45.4	ug/L	91				42	147	
Indeno(1,2,3-cd)pyrene	50		34.2	ug/L	68				30	166	
Dibenz(a,h)anthracene	50		34.4	ug/L	69				23	172	
Benzo(g,h,i)perylene	50		29.5	ug/L	59				27	167	
1,2,4,5-Tetrachlorobenzene	50		47.7	ug/L	95				89	102	
1,4-Dioxane	50		14	ug/L	28	*			38	130	
2,3,4,6-Tetrachlorophenol	50		42.1	ug/L	84	*			91	111	
1-Methylnaphthalene	50		41.1	ug/L	82				25	151	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P1524-10MSD		**Client Sample ID: 20240768-AMENDED-COMP-39N-N-**						**DataFile: BF137409.D**			
n-Nitrosodimethylamine	50		16.1	ug/L	32	0			10	130	20
Pyridine	50		8.7	ug/L	17	6			10	109	20
Benzaldehyde	50		8.4	ug/L	17	0			10	137	20
Aniline	50		8.3	ug/L	17	6			10	130	20
Phenol	50		11.1	ug/L	22	4			10	130	20
bis(2-Chloroethyl)ether	50		43.2	ug/L	86	2			29	141	20
2-Chlorophenol	50		35.8	ug/L	72	3			23	127	20
1,2-Dichlorobenzene	50		40.6	ug/L	81	4			61	114	20
1,3-Dichlorobenzene	50		40	ug/L	80	1			65	106	20
1,4-Dichlorobenzene	50		39.6	ug/L	79	3			55	125	20
Benzyl Alcohol	50		26.2	ug/L	52	2			31	94	20
2-Methylphenol	50		24.5	ug/L	49	2			23	132	20
2,2-oxybis(1-Chloropropane)	50		44.7	ug/L	89	2			36	141	20
Acetophenone	50		47.2	ug/L	94	1			31	164	20
3+4-Methylphenols	50		22	ug/L	44	2			17	136	20
N-Nitroso-di-n-propylamine	50		43.1	ug/L	86	3			36	147	20
Hexachloroethane	50		38.1	ug/L	76	3			35	137	20
Nitrobenzene	50		46.5	ug/L	93	1			40	134	20
Isophorone	50		44.4	ug/L	89	1			39	146	20
2-Nitrophenol	50		51.5	ug/L	103	1			30	148	20
2,4-Dimethylphenol	50		34.5	ug/L	69	1			17	143	20
bis(2-Chloroethoxy)methane	50		45.4	ug/L	91	1			39	143	20
2,4-Dichlorophenol	50		42.8	ug/L	86	0			22	146	20
1,2,4-Trichlorobenzene	50		44.2	ug/L	88	0			66	110	20
Benzoic acid	50		18.6	ug/L	37	6			10	101	20
Naphthalene	50		41.6	ug/L	83	1			17	157	20
4-Chloroaniline	50		7.1	ug/L	14	15			10	95	20
Hexachlorobutadiene	50		42.1	ug/L	84	2			52	125	20
Caprolactam	50		6.4	ug/L	13	8			10	130	20
4-Chloro-3-methylphenol	50		35.5	ug/L	71	3			17	148	20
2-Methylnaphthalene	50		40.8	ug/L	82	0			38	146	20
Hexachlorocyclopentadiene	100		44.4	ug/L	44	11			20	153	20
2,4,6-Trichlorophenol	50		46	ug/L	92	1			46	139	20
2,4,5-Trichlorophenol	50		41.6	ug/L	83	1			42	129	20
1,1-Biphenyl	50		45.5	ug/L	91	1			38	154	20
2-Chloronaphthalene	50		46.3	ug/L	93	2			41	145	20
2-Nitroaniline	50		47.9	ug/L	96	3			39	151	20
Dimethylphthalate	50		45.2	ug/L	90	1			42	147	20
Acenaphthylene	50		45.2	ug/L	90	1			40	141	20
2,6-Dinitrotoluene	50		50.2	ug/L	100	3			43	148	20
3-Nitroaniline	50		20.8	ug/L	42	7			10	111	20
Acenaphthene	50		42.6	ug/L	85	2			37	146	20
Total PAH	800		657.2	ug/L	82	2			37	146	20
2,4-Dinitrophenol	100		77	ug/L	77	0			14	167	20
4-Nitrophenol	100		23	ug/L	23	4			10	130	20
Dibenzofuran	50		42.3	ug/L	85	1			41	145	20
2,4-Dinitrotoluene	50		48.5	ug/L	97	1			40	151	20

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	100		98.7	ug/L	99		1		40	151	20
Diethylphthalate	50		45.7	ug/L	91		2		41	148	20
4-Chlorophenyl-phenylether	50		41.1	ug/L	82		1		38	149	20
Fluorene	50		40.6	ug/L	81		1		39	144	20
4-Nitroaniline	50		31.3	ug/L	63		3		27	138	20
4,6-Dinitro-2-methylphenol	50		48.2	ug/L	96		1		32	175	20
N-Nitrosodiphenylamine	50		49.6	ug/L	99		1		40	150	20
Azobenzene	50		42	ug/L	84		1		72	112	20
4-Bromophenyl-phenylether	50		50.1	ug/L	100		2		42	151	20
Hexachlorobenzene	50		49.2	ug/L	98		2		60	129	20
Atrazine	50		53.1	ug/L	106		3		20	162	20
Pentachlorophenol	100		83.8	ug/L	84		1		15	137	20
Phenanthrene	50		43.9	ug/L	88		1		40	147	20
Anthracene	50		44	ug/L	88		0		41	146	20
Carbazole	50		41	ug/L	82		2		37	154	20
Di-n-butylphthalate	50		60.2	ug/L	120		2		40	151	20
Fluoranthene	50		39.1	ug/L	78		1		42	146	20
Benzidine	100		12.9	ug/L	13		17		10	130	20
Pyrene	50		38.1	ug/L	76		4		41	149	20
Butylbenzylphthalate	50		70.6	ug/L	141		1		39	155	20
3,3-Dichlorobenzidine	50		46.7	ug/L	93		9		10	114	20
Benzo(a)anthracene	50		45.9	ug/L	92		2		41	147	20
Chrysene	50		45.3	ug/L	91		3		44	144	20
bis(2-Ethylhexyl)phthalate	50		81.9	ug/L	164	*	0		33	160	20
Di-n-octyl phthalate	50		81.6	ug/L	163	*	2		36	158	20
Benzo(b)fluoranthene	50		46	ug/L	92		1		40	150	20
Benzo(k)fluoranthene	50		45.2	ug/L	90		2		40	147	20
Benzo(a)pyrene	50		44.5	ug/L	89		2		42	147	20
Indeno(1,2,3-cd)pyrene	50		33.2	ug/L	66		3		30	166	20
Dibenz(a,h)anthracene	50		33.4	ug/L	67		3		23	172	20
Benzo(g,h,i)perylene	50		28.6	ug/L	57		3		27	167	20
1,2,4,5-Tetrachlorobenzene	50		47.3	ug/L	95		0		89	102	20
1,4-Dioxane	50		14.3	ug/L	29	*	4		38	130	20
2,3,4,6-Tetrachlorophenol	50		41.4	ug/L	83	*	1		91	111	20
1-Methylnaphthalene	50		40.3	ug/L	81		1		25	151	20

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P1539-07MS		**Client Sample ID: 20241107-AMENDED-COMPOSITE-3**						**DataFile: BF137416.D**			
n-Nitrosodimethylamine	50		22	ug/L	44				10	130	
Pyridine	50		16.7	ug/L	33				10	109	
Benzaldehyde	50		10.3	ug/L	21				10	137	
Aniline	50		24	ug/L	48				10	130	
Phenol	50		15.5	ug/L	31				10	130	
bis(2-Chloroethyl)ether	50		37.6	ug/L	75				29	141	
2-Chlorophenol	50		34.8	ug/L	70				23	127	
1,2-Dichlorobenzene	50		34.6	ug/L	69				61	114	
1,3-Dichlorobenzene	50		33.3	ug/L	67				65	106	
1,4-Dichlorobenzene	50		33.5	ug/L	67				55	125	
Benzyl Alcohol	50		34.8	ug/L	70				31	94	
2-Methylphenol	50		26.6	ug/L	53				23	132	
2,2-oxybis(1-Chloropropane)	50		37.2	ug/L	74				36	141	
Acetophenone	50		41.4	ug/L	83				31	164	
3+4-Methylphenols	50		25.5	ug/L	51				17	136	
N-Nitroso-di-n-propylamine	50		38.5	ug/L	77				36	147	
Hexachloroethane	50		29.9	ug/L	60				35	137	
Nitrobenzene	50		41.2	ug/L	82				40	134	
Isophorone	50		40.7	ug/L	81				39	146	
2-Nitrophenol	50		46.3	ug/L	93				30	148	
2,4-Dimethylphenol	50		34.4	ug/L	69				17	143	
bis(2-Chloroethoxy)methane	50		40.7	ug/L	81				39	143	
2,4-Dichlorophenol	50		41.5	ug/L	83				22	146	
1,2,4-Trichlorobenzene	50		37.4	ug/L	75				66	110	
Benzoic acid	50		21.2	ug/L	42				10	101	
Naphthalene	50		37.2	ug/L	74				17	157	
4-Chloroaniline	50		21	ug/L	42				10	95	
Hexachlorobutadiene	50		34.7	ug/L	69				52	125	
Caprolactam	50		9.8	ug/L	20				10	130	
4-Chloro-3-methylphenol	50		37.8	ug/L	76				17	148	
2-Methylnaphthalene	50		36.5	ug/L	73				38	146	
Hexachlorocyclopentadiene	100		0	ug/L	0	*			20	153	
2,4,6-Trichlorophenol	50		45.5	ug/L	91				46	139	
2,4,5-Trichlorophenol	50		39.6	ug/L	79				42	129	
1,1-Biphenyl	50		41.8	ug/L	84				38	154	
2-Chloronaphthalene	50		43	ug/L	86				41	145	
2-Nitroaniline	50		48.9	ug/L	98				39	151	
Dimethylphthalate	50		43.6	ug/L	87				42	147	
Acenaphthylene	50		42.6	ug/L	85				40	141	
2,6-Dinitrotoluene	50		49	ug/L	98				43	148	
3-Nitroaniline	50		28.5	ug/L	57				10	111	
Acenaphthene	50		40.1	ug/L	80				37	146	
Total PAH	800		633.7	ug/L	79				37	146	
2,4-Dinitrophenol	100		52.6	ug/L	53				14	167	
4-Nitrophenol	100		30.6	ug/L	31				10	130	
Dibenzofuran	50		39.7	ug/L	79				41	145	
2,4-Dinitrotoluene/2,6-Dinitrotol	100		95.9	ug/L	96				40	151	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
2,4-Dinitrotoluene	50		46.9	ug/L	94				40	151	
Diethylphthalate	50		44.1	ug/L	88				41	148	
4-Chlorophenyl-phenylether	50		39.8	ug/L	80				38	149	
Fluorene	50		38.8	ug/L	78				39	144	
4-Nitroaniline	50		37.3	ug/L	75				27	138	
4,6-Dinitro-2-methylphenol	50		37.5	ug/L	75				32	175	
N-Nitrosodiphenylamine	50		47.2	ug/L	94				40	150	
Azobenzene	50		39.8	ug/L	80				72	112	
4-Bromophenyl-phenylether	50		48.3	ug/L	97				42	151	
Hexachlorobenzene	50		48.6	ug/L	97				60	129	
Atrazine	50		51.4	ug/L	103				20	162	
Pentachlorophenol	100		73.8	ug/L	74				15	137	
Phenanthrene	50		42.7	ug/L	85				40	147	
Anthracene	50		42.5	ug/L	85				41	146	
Carbazole	50		40.1	ug/L	80				37	154	
Di-n-butylphthalate	50		58.2	ug/L	116				40	151	
Fluoranthene	50		38	ug/L	76				42	146	
Benzidine	100		38.4	ug/L	38				10	130	
Pyrene	50		37.2	ug/L	74				41	149	
Butylbenzylphthalate	50		70.5	ug/L	141				39	155	
3,3-Dichlorobenzidine	50		53.7	ug/L	107				10	114	
Benzo(a)anthracene	50		44.7	ug/L	89				41	147	
Chrysene	50		44.1	ug/L	88				44	144	
bis(2-Ethylhexyl)phthalate	50		80.9	ug/L	162	*			33	160	
Di-n-octyl phthalate	50		80	ug/L	160	*			36	158	
Benzo(b)fluoranthene	50		47.7	ug/L	95				40	150	
Benzo(k)fluoranthene	50		42	ug/L	84				40	147	
Benzo(a)pyrene	50		43.8	ug/L	88				42	147	
Indeno(1,2,3-cd)pyrene	50		32.1	ug/L	64				30	166	
Dibenz(a,h)anthracene	50		32.6	ug/L	65				23	172	
Benzo(g,h,i)perylene	50		27.6	ug/L	55				27	167	
1,2,4,5-Tetrachlorobenzene	50		41.8	ug/L	84	*			89	102	
1,4-Dioxane	50		18.5	ug/L	37	*			38	130	
2,3,4,6-Tetrachlorophenol	50		39	ug/L	78	*			91	111	
1-Methylnaphthalene	50		36.4	ug/L	73				25	151	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P1539-08MSD		**Client Sample ID: 20241107-AMENDED-COMPOSITE-**						**DataFile: BF137417.D**			
n-Nitrosodimethylamine	50		23.7	ug/L	47		7		10	130	20
Pyridine	50		18.1	ug/L	36		9		10	109	20
Benzaldehyde	50		11	ug/L	22		5		10	137	20
Aniline	50		26.5	ug/L	53		10		10	130	20
Phenol	50		16.8	ug/L	34		9		10	130	20
bis(2-Chloroethyl)ether	50		42.1	ug/L	84		11		29	141	20
2-Chlorophenol	50		37.7	ug/L	75		7		23	127	20
1,2-Dichlorobenzene	50		38.1	ug/L	76		10		61	114	20
1,3-Dichlorobenzene	50		36	ug/L	72		7		65	106	20
1,4-Dichlorobenzene	50		36.5	ug/L	73		9		55	125	20
Benzyl Alcohol	50		38.8	ug/L	78		11		31	94	20
2-Methylphenol	50		29.5	ug/L	59		11		23	132	20
2,2-oxybis(1-Chloropropane)	50		40.6	ug/L	81		9		36	141	20
Acetophenone	50		46.5	ug/L	93		11		31	164	20
3+4-Methylphenols	50		28.1	ug/L	56		9		17	136	20
N-Nitroso-di-n-propylamine	50		41.6	ug/L	83		8		36	147	20
Hexachloroethane	50		33.2	ug/L	66		10		35	137	20
Nitrobenzene	50		45	ug/L	90		9		40	134	20
Isophorone	50		44.8	ug/L	90		11		39	146	20
2-Nitrophenol	50		50.9	ug/L	102		9		30	148	20
2,4-Dimethylphenol	50		38.2	ug/L	76		10		17	143	20
bis(2-Chloroethoxy)methane	50		44.9	ug/L	90		11		39	143	20
2,4-Dichlorophenol	50		45.8	ug/L	92		10		22	146	20
1,2,4-Trichlorobenzene	50		41	ug/L	82		9		66	110	20
Benzoic acid	50		22.6	ug/L	45		7		10	101	20
Naphthalene	50		40.3	ug/L	81		9		17	157	20
4-Chloroaniline	50		23.9	ug/L	48		13		10	95	20
Hexachlorobutadiene	50		37.5	ug/L	75		8		52	125	20
Caprolactam	50		11.2	ug/L	22		10		10	130	20
4-Chloro-3-methylphenol	50		42.9	ug/L	86		12		17	148	20
2-Methylnaphthalene	50		40.1	ug/L	80		9		38	146	20
Hexachlorocyclopentadiene	100		0	ug/L	0	*			20	153	20
2,4,6-Trichlorophenol	50		50.1	ug/L	100		9		46	139	20
2,4,5-Trichlorophenol	50		45.6	ug/L	91		14		42	129	20
1,1-Biphenyl	50		45.3	ug/L	91		8		38	154	20
2-Chloronaphthalene	50		46.6	ug/L	93		8		41	145	20
2-Nitroaniline	50		56.5	ug/L	113		14		39	151	20
Dimethylphthalate	50		48	ug/L	96		10		42	147	20
Acenaphthylene	50		46.4	ug/L	93		9		40	141	20
2,6-Dinitrotoluene	50		55.2	ug/L	110		12		43	148	20
3-Nitroaniline	50		32.7	ug/L	65		13		10	111	20
Acenaphthene	50		43.7	ug/L	87		8		37	146	20
Total PAH	800		701.7	ug/L	88		11		37	146	20
2,4-Dinitrophenol	100		59.1	ug/L	59		11		14	167	20
4-Nitrophenol	100		35.3	ug/L	35		12		10	130	20
Dibenzofuran	50		44.3	ug/L	89		12		41	145	20
2,4-Dinitrotoluene/2,6-Dinitrotol	100		109.6	ug/L	110		14		40	151	20

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
2,4-Dinitrotoluene	50		54.4	ug/L	109		15		40	151	20
Diethylphthalate	50		49.5	ug/L	99		12		41	148	20
4-Chlorophenyl-phenylether	50		43.6	ug/L	87		8		38	149	20
Fluorene	50		42.7	ug/L	85		9		39	144	20
4-Nitroaniline	50		43.4	ug/L	87		15		27	138	20
4,6-Dinitro-2-methylphenol	50		42.4	ug/L	85		13		32	175	20
N-Nitrosodiphenylamine	50		51.7	ug/L	103		9		40	150	20
Azobenzene	50		44.5	ug/L	89		11		72	112	20
4-Bromophenyl-phenylether	50		53.8	ug/L	108		11		42	151	20
Hexachlorobenzene	50		53.3	ug/L	107		10		60	129	20
Atrazine	50		56.6	ug/L	113		9		20	162	20
Pentachlorophenol	100		82.5	ug/L	83		11		15	137	20
Phenanthrene	50		47	ug/L	94		10		40	147	20
Anthracene	50		46.6	ug/L	93		9		41	146	20
Carbazole	50		44.5	ug/L	89		11		37	154	20
Di-n-butylphthalate	50		64.7	ug/L	129		11		40	151	20
Fluoranthene	50		41.2	ug/L	82		8		42	146	20
Benzidine	100		42.9	ug/L	43		12		10	130	20
Pyrene	50		42.8	ug/L	86		15		41	149	20
Butylbenzylphthalate	50		79.2	ug/L	158	*	11		39	155	20
3,3-Dichlorobenzidine	50		60.9	ug/L	122	*	13		10	114	20
Benzo(a)anthracene	50		50	ug/L	100		12		41	147	20
Chrysene	50		49.3	ug/L	99		12		44	144	20
bis(2-Ethylhexyl)phthalate	50		90.9	ug/L	182	*	12		33	160	20
Di-n-octyl phthalate	50		87.5	ug/L	175	*	9		36	158	20
Benzo(b)fluoranthene	50		52.4	ug/L	105		10		40	150	20
Benzo(k)fluoranthene	50		46.7	ug/L	93		10		40	147	20
Benzo(a)pyrene	50		49	ug/L	98		11		42	147	20
Indeno(1,2,3-cd)pyrene	50		36.2	ug/L	72		12		30	166	20
Dibenz(a,h)anthracene	50		36.6	ug/L	73		12		23	172	20
Benzo(g,h,i)perylene	50		30.8	ug/L	62		12		27	167	20
1,2,4,5-Tetrachlorobenzene	50		46	ug/L	92		9		89	102	20
1,4-Dioxane	50		19.9	ug/L	40		8		38	130	20
2,3,4,6-Tetrachlorophenol	50		44.1	ug/L	88	*	12		91	111	20
1-Methylnaphthalene	50		40.5	ug/L	81		10		25	151	20

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SP6438	SP6438	BF137403.D	2-Fluorophenol	150	121,989.00	81326	*	10	139
			Phenol-d6	150	111,924.00	74616	*	10	134
			Nitrobenzene-d5	100	111,626.00	111626	*	49	133
			2-Fluorobiphenyl	100	101,449.00	101449	*	52	132
			2,4,6-Tribromophenol	150	114,198.00	76132	*	32	145
			Terphenyl-d14	100	84,630.00	84630	*	36	145

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1573-01DL	NB-07-022224DL	BF137404.D	2-Fluorophenol	150	74.53	50		18	112
			Phenol-d6	150	85.60	57		15	107
			Nitrobenzene-d5	100	51.93	52		18	107
			2-Fluorobiphenyl	100	81.28	81		20	109
			2,4,6-Tribromophenol	150	72.33	48		10	110
			Terphenyl-d14	100	61.43	61		14	112

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1524-06	20240766-AMEND	BF137405.D	2-Fluorophenol	150	58.31	39		10	139
			Phenol-d6	150	31.57	21		10	134
			Nitrobenzene-d5	100	92.77	93		49	133
			2-Fluorobiphenyl	100	87.14	87		52	132
			2,4,6-Tribromophenol	150	123.54	82		32	145
			Terphenyl-d14	100	62.82	63		36	145
P1524-07	20240767-AMEND	BF137406.D	2-Fluorophenol	150	51.94	35		10	139
			Phenol-d6	150	27.65	18		10	134
			Nitrobenzene-d5	100	84.32	84		49	133
			2-Fluorobiphenyl	100	78.19	78		52	132
			2,4,6-Tribromophenol	150	109.29	73		32	145
			Terphenyl-d14	100	61.31	61		36	145
P1524-08	20240768-AMEND	BF137407.D	2-Fluorophenol	150	54.09	36		10	139
			Phenol-d6	150	29.32	20		10	134
			Nitrobenzene-d5	100	86.12	86		49	133
			2-Fluorobiphenyl	100	81.75	82		52	132
			2,4,6-Tribromophenol	150	116.25	78		32	145
			Terphenyl-d14	100	66.50	66		36	145
P1524-09MS	20240768-AMEND	BF137408.D	2-Fluorophenol	150	55.41	37		10	139
			Phenol-d6	150	30.15	20		10	134
			Nitrobenzene-d5	100	91.15	91		49	133
			2-Fluorobiphenyl	100	82.15	82		52	132
			2,4,6-Tribromophenol	150	114.15	76		32	145
			Terphenyl-d14	100	72.59	73		36	145
P1524-10MSD	20240768-AMEND	BF137409.D	2-Fluorophenol	150	53.99	36		10	139
			Phenol-d6	150	29.67	20		10	134
			Nitrobenzene-d5	100	89.88	90		49	133
			2-Fluorobiphenyl	100	81.05	81		52	132
			2,4,6-Tribromophenol	150	112.27	75		32	145
			Terphenyl-d14	100	69.95	70		36	145
P1539-01	20241102-AMEND	BF137410.D	2-Fluorophenol	150	50.32	34		10	139
			Phenol-d6	150	28.32	19		10	134
			Nitrobenzene-d5	100	79.69	80		49	133
			2-Fluorobiphenyl	100	77.57	78		52	132
			2,4,6-Tribromophenol	150	117.31	78		32	145
			Terphenyl-d14	100	66.88	67		36	145
P1539-02	20241103-AMEND	BF137411.D	2-Fluorophenol	150	47.83	32		10	139
			Phenol-d6	150	26.94	18		10	134
			Nitrobenzene-d5	100	80.14	80		49	133
			2-Fluorobiphenyl	100	75.71	76		52	132
			2,4,6-Tribromophenol	150	117.72	78		32	145
			Terphenyl-d14	100	66.95	67		36	145
P1539-03	20241104-AMEND	BF137412.D	2-Fluorophenol	150	53.52	36		10	139
			Phenol-d6	150	28.76	19		10	134
			Nitrobenzene-d5	100	87.82	88		49	133
			2-Fluorobiphenyl	100	79.18	79		52	132
			2,4,6-Tribromophenol	150	116.12	77		32	145
			Terphenyl-d14	100	66.20	66		36	145
P1539-04	20241105-AMEND	BF137413.D	2-Fluorophenol	150	53.36	36		10	139
			Phenol-d6	150	29.59	20		10	134
			Nitrobenzene-d5	100	86.66	87		49	133

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1539-04	20241105-AMEND	BF137413.D	2-Fluorobiphenyl	100	78.01	78		52	132
			2,4,6-Tribromophenol	150	113.07	75		32	145
			Terphenyl-d14	100	73.22	73		36	145
P1539-05	20241106-AMEND	BF137414.D	2-Fluorophenol	150	61.37	41		10	139
			Phenol-d6	150	36.37	24		10	134
			Nitrobenzene-d5	100	84.67	85		49	133
			2-Fluorobiphenyl	100	79.46	79		52	132
			2,4,6-Tribromophenol	150	122.44	82		32	145
			Terphenyl-d14	100	79.04	79		36	145
P1539-06	20241107-AMEND	BF137415.D	2-Fluorophenol	150	68.73	46		10	139
			Phenol-d6	150	40.18	27		10	134
			Nitrobenzene-d5	100	93.03	93		49	133
			2-Fluorobiphenyl	100	85.81	86		52	132
			2,4,6-Tribromophenol	150	126.09	84		32	145
			Terphenyl-d14	100	78.36	78		36	145
P1539-07MS	20241107-AMEND	BF137416.D	2-Fluorophenol	150	60.77	41		10	139
			Phenol-d6	150	38.48	26		10	134
			Nitrobenzene-d5	100	80.63	81		49	133
			2-Fluorobiphenyl	100	75.16	75		52	132
			2,4,6-Tribromophenol	150	107.64	72		32	145
			Terphenyl-d14	100	70.96	71		36	145
P1539-08MSD	20241107-AMEND	BF137417.D	2-Fluorophenol	150	66.56	44		10	139
			Phenol-d6	150	41.89	28		10	134
			Nitrobenzene-d5	100	87.48	87		49	133
			2-Fluorobiphenyl	100	82.42	82		52	132
			2,4,6-Tribromophenol	150	127.36	85		32	145
			Terphenyl-d14	100	82.08	82		36	145
PB159259BL	PB159259BL	BF137400.D	2-Fluorophenol	150	119.57	80		10	139
			Phenol-d6	150	109.62	73		10	134
			Nitrobenzene-d5	100	83.35	83		49	133
			2-Fluorobiphenyl	100	76.47	76		52	132
			2,4,6-Tribromophenol	150	133.40	89		32	145
			Terphenyl-d14	100	62.93	63		36	145
PB159259BS	PB159259BS	BF137401.D	2-Fluorophenol	150	126.64	84		10	139
			Phenol-d6	150	119.19	79		10	134
			Nitrobenzene-d5	100	88.09	88		49	133
			2-Fluorobiphenyl	100	80.12	80		52	132
			2,4,6-Tribromophenol	150	140.65	94		32	145
			Terphenyl-d14	100	88.26	88		36	145
PB159259TB	PB159259TB	BF137402.D	2-Fluorophenol	150	128.52	86		10	139
			Phenol-d6	150	116.37	78		10	134
			Nitrobenzene-d5	100	88.97	89		49	133
			2-Fluorobiphenyl	100	79.11	79		52	132
			2,4,6-Tribromophenol	150	136.49	91		32	145
			Terphenyl-d14	100	67.79	68		36	145

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1584-01	AU-06-02232024	BF137419.D	2-Fluorophenol	150	89.21	59		18	112
			Phenol-d6	150	76.46	51		15	107
			Nitrobenzene-d5	100	61.13	61		18	107
			2-Fluorobiphenyl	100	64.27	64		20	109
			2,4,6-Tribromophenol	150	72.85	49		10	110
			Terphenyl-d14	100	37.57	38		14	112

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BF022724

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1585-02	VNJ-232	BF137418.D	2-Fluorophenol	150	138.05	92		10	139
			Phenol-d6	150	120.14	80		10	134
			Nitrobenzene-d5	100	103.40	103		49	133
			2-Fluorobiphenyl	100	91.81	92		52	132
			2,4,6-Tribromophenol	150	133.20	89		32	145
			Terphenyl-d14	100	82.02	82		36	145

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BF022724

Lab Code: CHEM SAS No.: BF022724 SDG NO.: BF022724

Lab File ID: BF137398.D DFTPP Injection Date: 02/27/2024

Instrument ID: BNA_F DFTPP Injection Time: 11:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF137399.D	02/27/2024	12:18
PB159259BL	PB159259BL	BF137400.D	02/27/2024	12:47
PB159259BS	PB159259BS	BF137401.D	02/27/2024	13:17
PB159259TB	PB159259TB	BF137402.D	02/27/2024	13:46
SP6438	SP6438	BF137403.D	02/27/2024	14:15
NB-07-022224DL	P1573-01DL	BF137404.D	02/27/2024	14:47
20240766-AMENDED-COMP-39N-N-3-01	P1524-06	BF137405.D	02/27/2024	15:17
20240767-AMENDED-COMP-39N-N-3-02	P1524-07	BF137406.D	02/27/2024	15:46
20240768-AMENDED-COMP-39N-N-3-03	P1524-08	BF137407.D	02/27/2024	16:16
20240768-AMENDED-COMP-39N-N-3-03	P1524-09MS	BF137408.D	02/27/2024	16:45
20240768-AMENDED-COMP-39N-N-3-03	P1524-10MSD	BF137409.D	02/27/2024	17:15
20241102-AMENDED-COMPOSITE-35N-N	P1539-01	BF137410.D	02/27/2024	17:44
20241103-AMENDED-COMPOSITE-35N-N	P1539-02	BF137411.D	02/27/2024	18:14
20241104-AMENDED-COMPOSITE-35N-N	P1539-03	BF137412.D	02/27/2024	18:43
20241105-AMENDED-COMPOSITE-35N-N	P1539-04	BF137413.D	02/27/2024	19:13
20241106-AMENDED-COMPOSITE-35N-N	P1539-05	BF137414.D	02/27/2024	19:42
20241107-AMENDED-COMPOSITE-35N-N	P1539-06	BF137415.D	02/27/2024	20:12
20241107-AMENDED-COMPOSITE-35N-N	P1539-07MS	BF137416.D	02/27/2024	20:41
20241107-AMENDED-COMPOSITE-35N-N	P1539-08MSD	BF137417.D	02/27/2024	21:11

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BF022724

Lab Code: CHEM SAS No.: BF022724 SDG NO.: BF022724

Lab File ID: BF137398.D DFTPP Injection Date: 02/27/2024

Instrument ID: BNA_F DFTPP Injection Time: 11:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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
VNJ-232	P1585-02	BF137418.D	02/27/2024	21:40
AU-06-02232024	P1584-01	BF137419.D	02/27/2024	22:09