284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG No.: BN092524

Instrument ID: BNA_N Calibration Date/Time: 9/25/2024 12 16:32

Lab File ID: BN034227.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.591	0.574		-2.876	20.0
Fluoranthene-d10	1.009	1.029		1.982	20.0
n-Nitrosodimethylamine	0.569	0.466		-18.102	20.0
2-Fluorophenol	1.135	1.055		-7.048	20.0
Phenol-d6	1.320	1.080		-18.182	20.0
bis(2-Chloroethyl)ether	1.168	1.065		-8.818	20.0
Nitrobenzene-d5	0.306	0.309		0.98	20.0
Naphthalene	1.098	1.060		-3.461	20.0
Hexachlorobutadiene	0.207	0.209		0.966	20.0
2-Methylnaphthalene	0.714	0.658		-7.843	20.0
2-Fluorobiphenyl	1.627	1.562		-3.995	20.0
Acenaphthylene	1.712	1.643		-4.03	20.0
Acenaphthene	1.228	1.188		-3.257	20.0
Fluorene	1.612	1.485		-7.878	20.0
4,6-Dinitro-2-methylphenol	0.057	0.003		-94.737	20.0
2,4,6-Tribromophenol	0.181	0.059		-67.403	20.0
4-Bromophenyl-phenylether	0.225	0.232		3.111	20.0
Hexachlorobenzene	0.252	0.267		5.952	20.0
Atrazine	0.186	0.188		1.075	20.0
Pentachlorophenol	0.083	0.017		-79.518	20.0
Phenanthrene	1.149	1.091		-5.048	20.0
Anthracene	0.937	0.908		-3.095	20.0
Fluoranthene	1.331	1.266		-4.884	20.0
Pyrene	1.688	1.928		14.218	20.0
Terphenyl-d14	0.799	0.998		24.906	20.0
Benzo(a)anthracene	1.265	1.064		-15.889	20.0
Chrysene	1.510	1.523		0.861	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	20.0
Benzo(b)fluoranthene	1.567	1.378		-12.061	20.0
Benzo(k)fluoranthene	1.645	1.644		-0.061	20.0
Benzo(a)pyrene	1.277	1.174		-8.066	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.041		-39.265	20.0
Dibenzo(a,h)anthracene	1.331	0.722		-45.755	20.0
Benzo(g,h,i)perylene	1.495	1.105		-26.087	20.0
1,4-Dioxane	0.500	0.414		-17.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG No.: BN092524

Instrument ID: BNA_N Calibration Date/Time: 9/26/2024 12 03:24

Lab File ID: BN034245.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.591	0.497		-15.905	50.0
Fluoranthene-d10	1.009	0.909		-9.911	50.0
n-Nitrosodimethylamine	0.569	0.516		-9.315	50.0
2-Fluorophenol	1.135	0.804		-29.163	50.0
Phenol-d6	1.320	0.630		-52.273	50.0
bis(2-Chloroethyl)ether	1.168	0.899		-23.031	50.0
Nitrobenzene-d5	0.306	0.260		-15.033	50.0
Naphthalene	1.098	1.022		-6.922	50.0
Hexachlorobutadiene	0.207	0.202		-2.415	50.0
2-Methylnaphthalene	0.714	0.626		-12.325	50.0
2-Fluorobiphenyl	1.627	1.483		-8.851	50.0
Acenaphthylene	1.712	1.441		-15.829	50.0
Acenaphthene	1.228	1.128		-8.143	50.0
Fluorene	1.612	1.444		-10.422	50.0
4,6-Dinitro-2-methylphenol	0.057	0.004		-92.982	50.0
2,4,6-Tribromophenol	0.181	0.028		-84.53	50.0
4-Bromophenyl-phenylether	0.225	0.223		-0.889	50.0
Hexachlorobenzene	0.252	0.265		5.159	50.0
Atrazine	0.186	0.158		-15.054	50.0
Pentachlorophenol	0.083	0.015		-81.928	50.0
Phenanthrene	1.149	1.116		-2.872	50.0
Anthracene	0.937	0.795		-15.155	50.0
Fluoranthene	1.331	1.233		-7.363	50.0
Pyrene	1.688	2.051		21.505	50.0
Terphenyl-d14	0.799	0.810		1.377	50.0
Benzo(a)anthracene	1.265	1.128		-10.83	50.0
Chrysene	1.510	1.366		-9.536	50.0
Bis(2-ethylhexyl)phthalate	0.527	0.948		79.886	50.0
Benzo(b)fluoranthene	1.567	1.351		-13.784	50.0
Benzo(k)fluoranthene	1.645	1.596		-2.979	50.0
Benzo(a)pyrene	1.277	1.084		-15.114	50.0
Indeno(1,2,3-cd)pyrene	1.714	1.011		-41.015	50.0
Dibenzo(a,h)anthracene	1.331	0.731		-45.079	50.0
Benzo(g,h,i)perylene	1.495	1.165		-22.074	50.0
1,4-Dioxane	0.500	0.725		45.0	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163558BL			SDG No.:	BN092524
Lab Sample ID:	PB163558BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034228.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	PB163558BL			SDG No.:	BN092524
Lab Sample ID:	PB163558BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034228.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163558

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.353		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.365		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.269		10-100		67	SPK: -0.4
13127-88-3	Phenol-d6	0.193		10-100		48	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.348		27-123		87	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.338		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.045		10-131		11	SPK: -0.4
1718-51-0	Terphenyl-d14	0.523		35-157		131	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11696	7.423				
1146-65-2	Naphthalene-d8	31875	10.18				
15067-26-2	Acenaphthene-d10	16850	14.072				
1517-22-2	Phenanthrene-d10	31875	16.821				
1719-03-5	Chrysene-d12	18838	21.035				
1520-96-3	Perylene-d12	15038	23.154				

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BPOW6-8-HYD-20240910RE			SDG No.:	BN092524
Lab Sample ID:	P3970-03RE			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034229.D	1	9/12/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BPOW6-8-HYD-20240910RE			SDG No.:	BN092524
Lab Sample ID:	P3970-03RE			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034229.D	1	9/12/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.037	*	20-139		9	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.334		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.048		10-100		12	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.281		27-123		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.293		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.093		10-131		23	SPK: -0.4
1718-51-0	Terphenyl-d14	0.477		35-157		119	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5981	7.459				
1146-65-2	Naphthalene-d8	16458	10.212				
15067-26-2	Acenaphthene-d10	8439	14.094				
1517-22-2	Phenanthrene-d10	17941	16.846				
1719-03-5	Chrysene-d12	13121	21.062				
1520-96-3	Perylene-d12	10591	23.198				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01D-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034230.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.35		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01D-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034230.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.308		20-139		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.394		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.15		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.066		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.295		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.301		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.076		10-131		19	SPK: -0.4
1718-51-0	Terphenyl-d14	0.447		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5609	7.503				
1146-65-2	Naphthalene-d8	14797	10.255				
15067-26-2	Acenaphthene-d10	7998	14.137				
1517-22-2	Phenanthrene-d10	15665	16.883				
1719-03-5	Chrysene-d12	11638	21.089				
1520-96-3	Perylene-d12	9391	23.236				

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Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW02D-20240919	SDG No.:	BN092524
Lab Sample ID:	P4164-05	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034231.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.25		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW02D-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-05			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034231.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.339		20-139		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.366		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.169		10-100		42	SPK: -0.4
13127-88-3	Phenol-d6	0.074		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.386		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.377		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.097		10-131		24	SPK: -0.4
1718-51-0	Terphenyl-d14	0.659	*	35-157		165	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5152	7.618				
1146-65-2	Naphthalene-d8	12994	10.383				
15067-26-2	Acenaphthene-d10	6424	14.229				
1517-22-2	Phenanthrene-d10	13759	16.977				
1719-03-5	Chrysene-d12	8311	21.176				
1520-96-3	Perylene-d12	1932	23.365				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW03D-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034232.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.22		0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW03D-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034232.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.299		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.387		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.119		10-100		30	SPK: -0.4
13127-88-3	Phenol-d6	0.051		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.328		27-123		82	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.323		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.072		10-131		18	SPK: -0.4
1718-51-0	Terphenyl-d14	0.545		35-157		136	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5786	7.683				
1146-65-2	Naphthalene-d8	15230	10.447				
15067-26-2	Acenaphthene-d10	7976	14.286				
1517-22-2	Phenanthrene-d10	14477	17.032				
1719-03-5	Chrysene-d12	9284	21.223				
1520-96-3	Perylene-d12	8417	23.429				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D1-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-07			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN034233.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D1-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-07			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN034233.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.289		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.335		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.148		10-100		37	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.319		27-123		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.316		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.047		10-131		12	SPK: -0.4
1718-51-0	Terphenyl-d14	0.496		35-157		124	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4902	7.748				
1146-65-2	Naphthalene-d8	12822	10.511				
15067-26-2	Acenaphthene-d10	6445	14.35				
1517-22-2	Phenanthrene-d10	11981	17.081				
1719-03-5	Chrysene-d12	6928	21.268				
1520-96-3	Perylene-d12	5481	23.505				

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Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240919	SDG No.:	BN092524
Lab Sample ID:	P4164-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034234.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.5	E	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240919	SDG No.:	BN092524
Lab Sample ID:	P4164-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034234.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.264		20-139		66	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.376		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.132		10-100		33	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.345		27-123		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.279		34-132		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.106		10-131		26	SPK: -0.4
1718-51-0	Terphenyl-d14	0.496		35-157		124	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4203	7.792				
1146-65-2	Naphthalene-d8	11502	10.554				
15067-26-2	Acenaphthene-d10	5827	14.383				
1517-22-2	Phenanthrene-d10	10963	17.119				
1719-03-5	Chrysene-d12	6827	21.304				
1520-96-3	Perylene-d12	5516	23.557				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D3-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-09			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034235.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.8	E	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D3-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-09			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034235.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.222		20-139		56	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.283		30-150		71	SPK: -0.4
367-12-4	2-Fluorophenol	0.067		10-100		17	SPK: -0.4
13127-88-3	Phenol-d6	0.027	*	10-100		7	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.221		27-123		55	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.237		34-132		59	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.035	*	10-131		9	SPK: -0.4
1718-51-0	Terphenyl-d14	0.413		35-157		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4174	7.907				
1146-65-2	Naphthalene-d8	10433	10.671				
15067-26-2	Acenaphthene-d10	5460	14.475				
1517-22-2	Phenanthrene-d10	10513	17.213				
1719-03-5	Chrysene-d12	5967	21.391				
1520-96-3	Perylene-d12	4928	23.684				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D4-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-10			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034236.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2.1		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D4-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-10			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034236.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.27		20-139		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.359		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.097		10-100		24	SPK: -0.4
13127-88-3	Phenol-d6	0.04		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.262		27-123		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.045		10-131		11	SPK: -0.4
1718-51-0	Terphenyl-d14	0.505		35-157		126	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3549	7.929				
1146-65-2	Naphthalene-d8	9293	10.703				
15067-26-2	Acenaphthene-d10	4854	14.5				
1517-22-2	Phenanthrene-d10	8870	17.243				
1719-03-5	Chrysene-d12	5085	21.411				
1520-96-3	Perylene-d12	4020	23.718				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D2-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-11			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034237.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	J	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.7		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D2-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-11			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034237.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.303		20-139		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.352		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.142		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.051		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.3		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.326		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.05		10-131		13	SPK: -0.4
1718-51-0	Terphenyl-d14	0.499		35-157		125	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3901	7.907				
1146-65-2	Naphthalene-d8	9710	10.682				
15067-26-2	Acenaphthene-d10	4984	14.479				
1517-22-2	Phenanthrene-d10	9318	17.218				
1719-03-5	Chrysene-d12	5305	21.384				
1520-96-3	Perylene-d12	4271	23.68				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D1-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-12			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034238.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D1-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-12			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034238.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.321		20-139		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.163		10-100		41	SPK: -0.4
13127-88-3	Phenol-d6	0.052		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.312		27-123		78	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.342		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.046		10-131		12	SPK: -0.4
1718-51-0	Terphenyl-d14	0.527		35-157		132	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3564	7.929				
1146-65-2	Naphthalene-d8	9394	10.693				
15067-26-2	Acenaphthene-d10	4892	14.496				
1517-22-2	Phenanthrene-d10	8963	17.237				
1719-03-5	Chrysene-d12	5038	21.409				
1520-96-3	Perylene-d12	3823	23.713				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D1-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-13			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034239.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.42		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D1-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-13			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034239.D	1	9/25/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.278		20-139		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.369		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.099		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.031	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.261		27-123		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.304		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.062		10-131		16	SPK: -0.4
1718-51-0	Terphenyl-d14	0.534		35-157		133	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3723	7.929				
1146-65-2	Naphthalene-d8	9841	10.703				
15067-26-2	Acenaphthene-d10	5151	14.511				
1517-22-2	Phenanthrene-d10	9491	17.243				
1719-03-5	Chrysene-d12	5396	21.411				
1520-96-3	Perylene-d12	4398	23.715				

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Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D2-20240920	SDG No.:	BN092524
Lab Sample ID:	P4164-14	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034240.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.19	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.45		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D2-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-14			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034240.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.35		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.457		30-150		114	SPK: -0.4
367-12-4	2-Fluorophenol	0.113		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.032	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.318		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.384		34-132		96	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.055		10-131		14	SPK: -0.4
1718-51-0	Terphenyl-d14	0.695	*	35-157		174	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2747	7.943				
1146-65-2	Naphthalene-d8	7224	10.714				
15067-26-2	Acenaphthene-d10	3765	14.511				
1517-22-2	Phenanthrene-d10	6869	17.243				
1719-03-5	Chrysene-d12	3819	21.411				
1520-96-3	Perylene-d12	2891	23.727				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D3-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-15			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034241.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.49		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D3-20240920			SDG No.:	BN092524
Lab Sample ID:	P4164-15			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034241.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.283		20-139		71	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.105		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.034	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.258		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.303		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.047		10-131		12	SPK: -0.4
1718-51-0	Terphenyl-d14	0.519		35-157		130	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3564	7.95				
1146-65-2	Naphthalene-d8	9428	10.724				
15067-26-2	Acenaphthene-d10	4891	14.518				
1517-22-2	Phenanthrene-d10	8756	17.262				
1719-03-5	Chrysene-d12	5009	21.427				
1520-96-3	Perylene-d12	4129	23.742				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	DUP06-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-16			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN034242.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.6		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	DUP06-20240919			SDG No.:	BN092524
Lab Sample ID:	P4164-16			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN034242.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.287		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.363		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.094		10-100		23	SPK: -0.4
13127-88-3	Phenol-d6	0.031	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.259		27-123		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.295		34-132		74	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.055		10-131		14	SPK: -0.4
1718-51-0	Terphenyl-d14	0.476		35-157		119	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3792	7.958				
1146-65-2	Naphthalene-d8	9998	10.735				
15067-26-2	Acenaphthene-d10	5327	14.528				
1517-22-2	Phenanthrene-d10	9803	17.262				
1719-03-5	Chrysene-d12	5855	21.427				
1520-96-3	Perylene-d12	5049	23.751				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D1-20240923			SDG No.:	BN092524
Lab Sample ID:	P4164-17			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034243.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.18	J	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	3.7		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D1-20240923			SDG No.:	BN092524
Lab Sample ID:	P4164-17			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034243.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.321		20-139		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.361		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.098		10-100		24	SPK: -0.4
13127-88-3	Phenol-d6	0.031	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.227		27-123		57	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.325		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.111		10-131		28	SPK: -0.4
1718-51-0	Terphenyl-d14	0.466		35-157		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3642	7.965				
1146-65-2	Naphthalene-d8	10050	10.735				
15067-26-2	Acenaphthene-d10	5272	14.532				
1517-22-2	Phenanthrene-d10	9736	17.268				
1719-03-5	Chrysene-d12	6032	21.429				
1520-96-3	Perylene-d12	4841	23.753				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D-20240923			SDG No.:	BN092524
Lab Sample ID:	P4164-18			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034244.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.33		0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.36		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D-20240923			SDG No.:	BN092524
Lab Sample ID:	P4164-18			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN034244.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.332		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.404		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.109		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.032	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.289		27-123		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.335		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.062		10-131		16	SPK: -0.4
1718-51-0	Terphenyl-d14	0.531		35-157		133	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3345	7.979				
1146-65-2	Naphthalene-d8	9023	10.757				
15067-26-2	Acenaphthene-d10	4828	14.543				
1517-22-2	Phenanthrene-d10	8885	17.28				
1719-03-5	Chrysene-d12	5372	21.438				
1520-96-3	Perylene-d12	4365	23.773				

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Hit Summary Sheet
SW-846

SDG No.: BN092524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**BPOW6-8-HYD-20240910RE**							
P3970-03RE	BPOW6-8-HYD-2024091	Water	Bis(2-ethylhexyl)phthalate	0.300		0.14	0.21	ug/L
			Total Svoc :			**0.30**		
			Total Concentration:			**0.30**		
Client ID :	**RW8-MW01D-20240919**							
P4164-04	RW8-MW01D-20240919	Water	1,4-Dioxane	0.350		0.07	0.21	ug/L
			Total Svoc :			**0.35**		
			Total Concentration:			**0.35**		
Client ID :	**RW8-MW02D-20240919**							
P4164-05	RW8-MW02D-20240919	Water	Bis(2-ethylhexyl)phthalate	0.250		0.14	0.2	ug/L
			Total Svoc :			**0.25**		
			Total Concentration:			**0.25**		
Client ID :	**RW8-MW03D-20240919**							
P4164-06	RW8-MW03D-20240919	Water	Bis(2-ethylhexyl)phthalate	0.220		0.14	0.21	ug/L
			Total Svoc :			**0.22**		
			Total Concentration:			**0.22**		
Client ID :	**RE134D1-20240919**							
P4164-07	RE134D1-20240919	Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.14	0.2	ug/L
			Total Svoc :			**0.17**		
			Total Concentration:			**0.17**		
Client ID :	**RE134D2-20240919**							
P4164-08	RE134D2-20240919	Water	1,4-Dioxane	5.500	E	0.07	0.2	ug/L
P4164-08	RE134D2-20240919	Water	Bis(2-ethylhexyl)phthalate	0.200		0.14	0.2	ug/L
			Total Svoc :			**5.70**		
			Total Concentration:			**5.70**		
Client ID :	**RE134D3-20240919**							
P4164-09	RE134D3-20240919	Water	1,4-Dioxane	5.800	E	0.07	0.2	ug/L
P4164-09	RE134D3-20240919	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
			Total Svoc :			**5.95**		
			Total Concentration:			**5.95**		
Client ID :	**RE134D4-20240919**							
P4164-10	RE134D4-20240919	Water	1,4-Dioxane	2.100		0.07	0.21	ug/L
P4164-10	RE134D4-20240919	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.21	ug/L
P4164-10	RE134D4-20240919	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**2.28**		

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Hit Summary Sheet
SW-846

SDG No.: BN092524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			**2.28**		
Client ID :	**RE139D2-20240920**							
P4164-11	RE139D2-20240920	Water	1,4-Dioxane	1.700		0.07	0.21	ug/L
P4164-11	RE139D2-20240920	Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.14	0.21	ug/L
			Total Svoc :			**1.87**		
			Total Concentration:			**1.87**		
Client ID :	**RE139D1-20240920**							
P4164-12	RE139D1-20240920	Water	1,4-Dioxane	2.000		0.07	0.2	ug/L
P4164-12	RE139D1-20240920	Water	Benzo(a)anthracene	0.020	J	0.02	0.1	ug/L
P4164-12	RE139D1-20240920	Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.14	0.2	ug/L
P4164-12	RE139D1-20240920	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P4164-12	RE139D1-20240920	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P4164-12	RE139D1-20240920	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**2.26**		
			Total Concentration:			**2.26**		
Client ID :	**RE135D1-20240920**							
P4164-13	RE135D1-20240920	Water	1,4-Dioxane	0.420		0.07	0.2	ug/L
			Total Svoc :			**0.42**		
			Total Concentration:			**0.42**		
Client ID :	**RE135D2-20240920**							
P4164-14	RE135D2-20240920	Water	1,4-Dioxane	0.450		0.07	0.2	ug/L
P4164-14	RE135D2-20240920	Water	Bis(2-ethylhexyl)phthalate	0.190	J	0.14	0.2	ug/L
			Total Svoc :			**0.64**		
			Total Concentration:			**0.64**		
Client ID :	**RE135D3-20240920**							
P4164-15	RE135D3-20240920	Water	1,4-Dioxane	0.490		0.07	0.2	ug/L
P4164-15	RE135D3-20240920	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
			Total Svoc :			**0.64**		
			Total Concentration:			**0.64**		
Client ID :	**DUP06-20240919**							
P4164-16	DUP06-20240919	Water	1,4-Dioxane	1.600		0.07	0.2	ug/L
P4164-16	DUP06-20240919	Water	Benzo(a)anthracene	0.020	J	0.02	0.1	ug/L
P4164-16	DUP06-20240919	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P4164-16	DUP06-20240919	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P4164-16	DUP06-20240919	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**1.70**		
			Total Concentration:			**1.70**		

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Hit Summary Sheet
SW-846

SDG No.: BN092524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**TT180D1-20240923**							
P4164-17	TT180D1-20240923	Water	1,4-Dioxane	3.700		0.07	0.21	ug/L
P4164-17	TT180D1-20240923	Water	Bis(2-ethylhexyl)phthalate	0.180	J	0.14	0.21	ug/L
			Total Svoc :	**3.88**				
			Total Concentration:	**3.88**				
Client ID :	**TT180D-20240923**							
P4164-18	TT180D-20240923	Water	1,4-Dioxane	0.360		0.07	0.21	ug/L
P4164-18	TT180D-20240923	Water	Bis(2-ethylhexyl)phthalate	0.330		0.14	0.21	ug/L
			Total Svoc :	**0.69**				
			Total Concentration:	**0.69**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: Calibration Date(s): 9/18/2024

Calibration Time(s): 11:53

LAB FILE ID: RRF0.1 = BN034033.D RRF0.2 = BN034034.D RRF0.4 = BN034035.D
RRF0.8 = BN034036.D RRF1.6 = BN034037.D RRF3.2 = BN034038.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.568	0.554	0.560	0.631	0.627	0.585	0.591	5.4
Fluoranthene-d10	0.965	0.947	0.953	1.059	1.054	1.013	1.009	5.3
n-Nitrosodimethylamine	0.531	0.571	0.550	0.613	0.606	0.560	0.569	5.3
2-Fluorophenol	1.201	1.157	1.069	1.203	1.148	1.080	1.135	5.0
Phenol-d6	1.239	1.215	1.189	1.406	1.401	1.371	1.320	7.7
bis(2-Chloroethyl)ether	1.156	1.095	1.106	1.276	1.223	1.159	1.168	5.4
Nitrobenzene-d5	0.270	0.269	0.280	0.331	0.336	0.321	0.306	10.3
Naphthalene	1.092	1.062	1.056	1.171	1.149	1.068	1.098	4.1
Hexachlorobutadiene	0.216	0.208	0.204	0.219	0.213	0.192	0.207	4.9
2-Methylnaphthalene	0.680	0.671	0.678	0.763	0.759	0.713	0.714	5.5
2-Fluorobiphenyl	1.629	1.576	1.574	1.722	1.693	1.597	1.627	3.6
Acenaphthylene	1.530	1.512	1.537	1.804	1.846	1.838	1.712	10.4
Acenaphthene	1.206	1.182	1.175	1.298	1.272	1.224	1.228	3.7
Fluorene	1.582	1.538	1.528	1.704	1.690	1.618	1.612	4.2
4,6-Dinitro-2-methylphenol		0.042	0.046	0.061	0.065	0.072	0.057	21.9
2,4,6-Tribromophenol	0.162	0.156	0.155	0.187	0.192	0.197	0.181	13.5
4-Bromophenyl-phenylether	0.218	0.210	0.213	0.236	0.236	0.225	0.225	5.0
Hexachlorobenzene	0.250	0.246	0.248	0.259	0.263	0.246	0.252	2.6
Atrazine	0.175	0.170	0.170	0.198	0.197	0.192	0.186	7.5
Pentachlorophenol	0.078	0.065	0.070	0.088	0.095	0.105	0.083	18.3
Phenanthrene	1.153	1.090	1.107	1.196	1.191	1.129	1.149	3.6
Anthracene	0.817	0.826	0.843	0.985	1.008	1.011	0.937	11.2
Fluoranthene	1.249	1.226	1.258	1.405	1.414	1.359	1.331	6.3
Pyrene	1.720	1.641	1.691	1.763	1.713	1.620	1.688	2.9
Terphenyl-d14	0.810	0.767	0.794	0.842	0.821	0.767	0.799	3.5
Benzo(a)anthracene	1.227	1.187	1.178	1.343	1.303	1.272	1.265	5.6
Chrysene	1.487	1.410	1.529	1.610	1.559	1.464	1.510	4.3
Bis(2-ethylhexyl)phthalate		0.628	0.550	0.498	0.457	0.485	0.527	11.6
Benzo(b)fluoranthene	1.427	1.415	1.453	1.625	1.695	1.657	1.567	8.3
Benzo(k)fluoranthene	1.514	1.538	1.626	1.746	1.760	1.628	1.645	5.9
Benzo(a)pyrene	1.167	1.122	1.197	1.335	1.369	1.340	1.277	8.8
Indeno(1,2,3-cd)pyrene	1.594	1.543	1.765	1.863	1.772	1.717	1.714	6.4
Dibenzo(a,h)anthracene	1.212	1.185	1.352	1.458	1.390	1.355	1.331	7.4
Benzo(g,h,i)perylene	1.446	1.408	1.505	1.608	1.534	1.477	1.495	4.3
1,4-Dioxane	0.558	0.536	0.503	0.503	0.488	0.468	0.500	7.7

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 17:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	6856	7.437	19411	10.20	11055	14.08
	UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
	LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
	EPA SAMPLE NO.						
01	PB163558BL	11696	7.42	31875	10.18	16850	14.07
02	BPOW6-8-HYD-20240910RE	5981	7.46	16458	10.21	8439	14.09
03	RW8-MW01D-20240919	5609	7.50	14797	10.26	7998	14.14
04	RW8-MW02D-20240919	5152	7.62	12994	10.38	6424	14.23
05	RW8-MW03D-20240919	5786	7.68	15230	10.45	7976	14.29
06	RE134D1-20240919	4902	7.75	12822	10.51	6445	14.35
07	RE134D2-20240919	4203	7.79	11502	10.55	5827	14.38
08	RE134D3-20240919	4174	7.91	10433	10.67*	5460 *	14.48
09	RE134D4-20240919	3549	7.93*	9293 *	10.70*	4854 *	14.50
10	RE139D2-20240920	3901	7.91	9710	10.68*	4984 *	14.48
11	RE139D1-20240920	3564	7.93*	9394 *	10.69*	4892 *	14.50
12	RE135D1-20240920	3723	7.93*	9841	10.70*	5151 *	14.51
13	RE135D2-20240920	2747 *	7.94*	7224 *	10.71*	3765 *	14.51
14	RE135D3-20240920	3564	7.95*	9428 *	10.72*	4891 *	14.52
15	DUP06-20240919	3792	7.96*	9998	10.74*	5327 *	14.53
16	TT180D1-20240923	3642	7.97*	10050	10.74*	5272 *	14.53
17	TT180D-20240923	3345 *	7.98*	9023 *	10.76*	4828 *	14.54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 02:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	6856	7.437	19411	10.20	11055	14.08
UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BN034227.D Time Analyzed: 17:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	6295	7.416	17397	10.17	9002	14.06
	UPPER LIMIT	12590	7.916	34794	10.669	18004	14.558
	LOWER LIMIT	3147.5	6.916	8698.5	9.669	4501	13.558
	EPA SAMPLE NO.						
01	PB163558BL	11696	7.42	31875	10.18	16850	14.07
02	BPOW6-8-HYD-20240910RE	5981	7.46	16458	10.21	8439	14.09
03	RW8-MW01D-20240919	5609	7.50	14797	10.26	7998	14.14
04	RW8-MW02D-20240919	5152	7.62	12994	10.38	6424	14.23
05	RW8-MW03D-20240919	5786	7.68	15230	10.45	7976	14.29
06	RE134D1-20240919	4902	7.75	12822	10.51	6445	14.35
07	RE134D2-20240919	4203	7.79	11502	10.55	5827	14.38
08	RE134D3-20240919	4174	7.91	10433	10.67*	5460	14.48
09	RE134D4-20240919	3549	7.93*	9293	10.70*	4854	14.50
10	RE139D2-20240920	3901	7.91	9710	10.68*	4984	14.48
11	RE139D1-20240920	3564	7.93*	9394	10.69*	4892	14.50
12	RE135D1-20240920	3723	7.93*	9841	10.70*	5151	14.51
13	RE135D2-20240920	2747 *	7.94*	7224 *	10.71*	3765 *	14.51
14	RE135D3-20240920	3564	7.95*	9428	10.72*	4891	14.52
15	DUP06-20240919	3792	7.96*	9998	10.74*	5327	14.53
16	TT180D1-20240923	3642	7.97*	10050	10.74*	5272	14.53
17	TT180D-20240923	3345	7.98*	9023	10.76*	4828	14.54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034227.D Time Analyzed: 02:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	6295	7.416	17397	10.17	9002	14.06
UPPER LIMIT	12590	7.916	34794	10.669	18004	14.558
LOWER LIMIT	3147.5	6.916	8698.5	9.669	4501	13.558
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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 17:09

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	24256		16.842	18497		21.059	19466		23.186
	UPPER LIMIT	48512		17.342	36994		21.559	38932		23.686
	LOWER LIMIT	12128		16.342	9248.5		20.559	9733		22.686
	EPA SAMPLE NO.									
01	PB163558BL	31875		16.82	18838		21.04	15038		23.15
02	BPOW6-8-HYD-20240910RE	17941		16.85	13121		21.06	10591		23.20
03	RW8-MW01D-20240919	15665		16.88	11638		21.09	9391	*	23.24
04	RW8-MW02D-20240919	13759		16.98	8311	*	21.18	1932	*	23.37
05	RW8-MW03D-20240919	14477		17.03	9284		21.22	8417	*	23.43
06	RE134D1-20240919	11981	*	17.08	6928	*	21.27	5481	*	23.51
07	RE134D2-20240919	10963	*	17.12	6827	*	21.30	5516	*	23.56
08	RE134D3-20240919	10513	*	17.21	5967	*	21.39	4928	*	23.68
09	RE134D4-20240919	8870	*	17.24	5085	*	21.41	4020	*	23.72
10	RE139D2-20240920	9318	*	17.22	5305	*	21.38	4271	*	23.68
11	RE139D1-20240920	8963	*	17.24	5038	*	21.41	3823	*	23.71
12	RE135D1-20240920	9491	*	17.24	5396	*	21.41	4398	*	23.72
13	RE135D2-20240920	6869	*	17.24	3819	*	21.41	2891	*	23.73
14	RE135D3-20240920	8756	*	17.26	5009	*	21.43	4129	*	23.74
15	DUP06-20240919	9803	*	17.26	5855	*	21.43	5049	*	23.75
16	TT180D1-20240923	9736	*	17.27	6032	*	21.43	4841	*	23.75
17	TT180D-20240923	8885	*	17.28	5372	*	21.44	4365	*	23.77

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 02:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	24256	16.842	18497	21.059	19466	23.186
UPPER LIMIT	48512	17.342	36994	21.559	38932	23.686
LOWER LIMIT	12128	16.342	9248.5	20.559	9733	22.686
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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BN034227.D Time Analyzed: 17:09

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	18111		16.815	12322		21.033	9937		23.143
	UPPER LIMIT	36222		17.315	24644		21.533	19874		23.643
	LOWER LIMIT	9055.5		16.315	6161		20.533	4968.5		22.643
	EPA SAMPLE NO.									
01	PB163558BL	31875		16.82	18838		21.04	15038		23.15
02	BPOW6-8-HYD-20240910RE	17941		16.85	13121		21.06	10591		23.20
03	RW8-MW01D-20240919	15665		16.88	11638		21.09	9391		23.24
04	RW8-MW02D-20240919	13759		16.98	8311		21.18	1932	*	23.37
05	RW8-MW03D-20240919	14477		17.03	9284		21.22	8417		23.43
06	RE134D1-20240919	11981		17.08	6928		21.27	5481		23.51
07	RE134D2-20240919	10963		17.12	6827		21.30	5516		23.56
08	RE134D3-20240919	10513		17.21	5967	*	21.39	4928	*	23.68 *
09	RE134D4-20240919	8870	*	17.24	5085	*	21.41	4020	*	23.72 *
10	RE139D2-20240920	9318		17.22	5305	*	21.38	4271	*	23.68 *
11	RE139D1-20240920	8963	*	17.24	5038	*	21.41	3823	*	23.71 *
12	RE135D1-20240920	9491		17.24	5396	*	21.41	4398	*	23.72 *
13	RE135D2-20240920	6869	*	17.24	3819	*	21.41	2891	*	23.73 *
14	RE135D3-20240920	8756	*	17.26	5009	*	21.43	4129	*	23.74 *
15	DUP06-20240919	9803		17.26	5855	*	21.43	5049		23.75 *
16	TT180D1-20240923	9736		17.27	6032	*	21.43	4841	*	23.75 *
17	TT180D-20240923	8885	*	17.28	5372	*	21.44	4365	*	23.77 *

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034227.D Time Analyzed: 02:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	18111	16.815	12322	21.033	9937	23.143
UPPER LIMIT	36222	17.315	24644	21.533	19874	23.643
LOWER LIMIT	9055.5	16.315	6161	20.533	4968.5	22.643
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.

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163558BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

Lab File ID: BN034228.D Lab Sample ID: PB163558BL

Instrument ID: BNA_N Date Extracted: 09/20/2024

Matrix: (soil/water) Water Date Analyzed: 09/25/2024

Level: (low/med) LOW Time Analyzed: 17:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RW8-MW01D-20240919

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN092524 SAS No.: BN092524 SDG NO.: BN092524

Lab File ID: BN034230.D Lab Sample ID: P4164-04

Instrument ID: BNA_N Date Extracted: 09/25/2024

Matrix: (soil/water) Water Date Analyzed: 09/25/2024

Level: (low/med) LOW Time Analyzed: 18:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RW8-MW01D-20240919	P4164-04	BN034230.D	09/25/2024
RW8-MW02D-20240919	P4164-05	BN034231.D	09/25/2024
RW8-MW03D-20240919	P4164-06	BN034232.D	09/25/2024
RE134D1-20240919	P4164-07	BN034233.D	09/25/2024
RE134D2-20240919	P4164-08	BN034234.D	09/25/2024
RE134D3-20240919	P4164-09	BN034235.D	09/25/2024
RE134D4-20240919	P4164-10	BN034236.D	09/25/2024
RE139D2-20240920	P4164-11	BN034237.D	09/25/2024
RE139D1-20240920	P4164-12	BN034238.D	09/25/2024
RE135D1-20240920	P4164-13	BN034239.D	09/25/2024
RE135D2-20240920	P4164-14	BN034240.D	09/26/2024
RE135D3-20240920	P4164-15	BN034241.D	09/26/2024
DUP06-20240919	P4164-16	BN034242.D	09/26/2024
TT180D1-20240923	P4164-17	BN034243.D	09/26/2024
TT180D-20240923	P4164-18	BN034244.D	09/26/2024

COMMENTS:

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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN092524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3970-03RE	BPOW6-8-HYD-20	BN034229.D	2-Methylnaphthalene-d10	0.4	0.04	9	*	20	139
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.05	12		10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.28	70		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.09	23		10	131
			Terphenyl-d14	0.4	0.48	119		35	157

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Surrogate Summary

SW-846

SDG No.: BN092524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163558BL	PB163558BL	BN034228.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.27	67		10	100
			Phenol-d6	0.4	0.19	48		10	100
			Nitrobenzene-d5	0.4	0.35	87		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.05	11		10	131
			Terphenyl-d14	0.4	0.52	131		35	157

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Surrogate Summary

SW-846

SDG No.: BN092524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P4164-04	RW8-MW01D-202	BN034230.D	2-Methylnaphthalene-d10	0.4	0.31	77		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.30	74		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.08	19		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
P4164-05	RW8-MW02D-202	BN034231.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.17	42		10	100
			Phenol-d6	0.4	0.07	19		10	100
			Nitrobenzene-d5	0.4	0.39	97		27	123
			2-Fluorobiphenyl	0.4	0.38	94		34	132
			2,4,6-Tribromophenol	0.4	0.10	24		10	131
			Terphenyl-d14	0.4	0.66	165	*	35	157
P4164-06	RW8-MW03D-202	BN034232.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.39	97		30	150
			2-Fluorophenol	0.4	0.12	30		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.33	82		27	123
			2-Fluorobiphenyl	0.4	0.32	81		34	132
			2,4,6-Tribromophenol	0.4	0.07	18		10	131
			Terphenyl-d14	0.4	0.55	136		35	157
P4164-07	RE134D1-2024091	BN034233.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.15	37		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.32	80		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.05	12		10	131
			Terphenyl-d14	0.4	0.50	124		35	157
P4164-08	RE134D2-2024091	BN034234.D	2-Methylnaphthalene-d10	0.4	0.26	66		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.13	33		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.35	86		27	123
			2-Fluorobiphenyl	0.4	0.28	70		34	132
			2,4,6-Tribromophenol	0.4	0.11	26		10	131
			Terphenyl-d14	0.4	0.50	124		35	157
P4164-09	RE134D3-2024091	BN034235.D	2-Methylnaphthalene-d10	0.4	0.22	56		20	139
			Fluoranthene-d10	0.4	0.28	71		30	150
			2-Fluorophenol	0.4	0.07	17		10	100
			Phenol-d6	0.4	0.03	7	*	10	100
			Nitrobenzene-d5	0.4	0.22	55		27	123
			2-Fluorobiphenyl	0.4	0.24	59		34	132
			2,4,6-Tribromophenol	0.4	0.04	9	*	10	131
			Terphenyl-d14	0.4	0.41	103		35	157
P4164-10	RE134D4-2024091	BN034236.D	2-Methylnaphthalene-d10	0.4	0.27	68		20	139

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Surrogate Summary

SW-846

SDG No.: BN092524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4164-10	RE134D4-2024091	BN034236.D	Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.10	24		10	100
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.26	65		27	123
			2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.05	11		10	131
			Terphenyl-d14	0.4	0.51	126		35	157
P4164-11	RE139D2-2024092	BN034237.D	2-Methylnaphthalene-d10	0.4	0.30	76		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.14	36		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.05	13		10	131
			Terphenyl-d14	0.4	0.50	125		35	157
P4164-12	RE139D1-2024092	BN034238.D	2-Methylnaphthalene-d10	0.4	0.32	80		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.16	41		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.31	78		27	123
			2-Fluorobiphenyl	0.4	0.34	86		34	132
			2,4,6-Tribromophenol	0.4	0.05	12		10	131
			Terphenyl-d14	0.4	0.53	132		35	157
P4164-13	RE135D1-2024092	BN034239.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	139
			Fluoranthene-d10	0.4	0.37	92		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.26	65		27	123
			2-Fluorobiphenyl	0.4	0.30	76		34	132
			2,4,6-Tribromophenol	0.4	0.06	16		10	131
			Terphenyl-d14	0.4	0.53	133		35	157
P4164-14	RE135D2-2024092	BN034240.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.46	114		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.38	96		34	132
			2,4,6-Tribromophenol	0.4	0.06	14		10	131
			Terphenyl-d14	0.4	0.70	174	*	35	157
P4164-15	RE135D3-2024092	BN034241.D	2-Methylnaphthalene-d10	0.4	0.28	71		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.11	26		10	100
			Phenol-d6	0.4	0.03	9	*	10	100
			Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.30	76		34	132
			2,4,6-Tribromophenol	0.4	0.05	12		10	131
			Terphenyl-d14	0.4	0.52	130		35	157
P4164-16	DUP06-20240919	BN034242.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.36	91		30	150

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Surrogate Summary

SW-846

SDG No.: BN092524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4164-16	DUP06-20240919	BN034242.D	2-Fluorophenol	0.4	0.09	23		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.26	65		27	123
			2-Fluorobiphenyl	0.4	0.30	74		34	132
			2,4,6-Tribromophenol	0.4	0.06	14		10	131
			Terphenyl-d14	0.4	0.48	119		35	157
P4164-17	TT180D1-2024092	BN034243.D	2-Methylnaphthalene-d10	0.4	0.32	80		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.10	24		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.23	57		27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.11	28		10	131
			Terphenyl-d14	0.4	0.47	116		35	157
P4164-18	TT180D-20240923	BN034244.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.40	101		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.29	72		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.06	16		10	131
			Terphenyl-d14	0.4	0.53	133		35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN092524

Lab Code: CHEM SAS No.: BN092524 SDG NO.: BN092524

Lab File ID: BN034226.D DFTPP Injection Date: 09/25/2024

Instrument ID: BNA_N DFTPP Injection Time: 15:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	83.8
443	15.0 - 24.0% of mass 442	16 (19.1) 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
SSTDCCC0.4	SSTDCCC0.4	BN034227.D	09/25/2024	16:32
PB163558BL	PB163558BL	BN034228.D	09/25/2024	17:09
BPOW6-8-HYD-20240910RE	P3970-03RE	BN034229.D	09/25/2024	17:45
RW8-MW01D-20240919	P4164-04	BN034230.D	09/25/2024	18:21
RW8-MW02D-20240919	P4164-05	BN034231.D	09/25/2024	18:58
RW8-MW03D-20240919	P4164-06	BN034232.D	09/25/2024	19:34
RE134D1-20240919	P4164-07	BN034233.D	09/25/2024	20:10
RE134D2-20240919	P4164-08	BN034234.D	09/25/2024	20:46
RE134D3-20240919	P4164-09	BN034235.D	09/25/2024	21:22
RE134D4-20240919	P4164-10	BN034236.D	09/25/2024	21:59
RE139D2-20240920	P4164-11	BN034237.D	09/25/2024	22:35
RE139D1-20240920	P4164-12	BN034238.D	09/25/2024	23:11
RE135D1-20240920	P4164-13	BN034239.D	09/25/2024	23:47
RE135D2-20240920	P4164-14	BN034240.D	09/26/2024	00:23
RE135D3-20240920	P4164-15	BN034241.D	09/26/2024	01:00
DUP06-20240919	P4164-16	BN034242.D	09/26/2024	01:36
TT180D1-20240923	P4164-17	BN034243.D	09/26/2024	02:12
TT180D-20240923	P4164-18	BN034244.D	09/26/2024	02:48

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN092524

Lab Code: CHEM SAS No.: BN092524 SDG NO.: BN092524

Lab File ID: BN034226.D DFTPP Injection Date: 09/25/2024

Instrument ID: BNA_N DFTPP Injection Time: 15:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	83.8
443	15.0 - 24.0% of mass 442	16 (19.1) 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
SSTDCCC0.4EC	SSTDCCC0.4	BN034245.D	09/26/2024	03:24