

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN010725 SAS No.: BN010725 SDG No.: BN010725

Instrument ID: BNA_N Calibration Date/Time: 1/7/2025 12:15:03

Lab File ID: BN035897.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	0.536	0.500		-6.716	20.0
Fluoranthene-d10	0.993	0.931		-6.244	20.0
n-Nitrosodimethylamine	0.693	0.742		7.071	20.0
2-Fluorophenol	0.981	0.971		-1.019	20.0
Phenol-d6	1.219	1.172		-3.856	20.0
bis(2-Chloroethyl)ether	0.929	0.936		0.753	20.0
Nitrobenzene-d5	0.317	0.342		7.886	20.0
Naphthalene	1.123	1.104		-1.692	20.0
Hexachlorobutadiene	0.365	0.365		0.0	20.0
2-Methylnaphthalene	0.695	0.656		-5.612	20.0
2-Fluorobiphenyl	1.755	1.747		-0.456	20.0
Acenaphthylene	1.884	1.839		-2.389	20.0
Acenaphthene	1.235	1.224		-0.891	20.0
Fluorene	1.359	1.259		-7.358	20.0
4,6-Dinitro-2-methylphenol	0.069	0.086		24.638	20.0
2,4,6-Tribromophenol	0.192	0.201		4.688	20.0
4-Bromophenyl-phenylether	0.274	0.273		-0.365	20.0
Hexachlorobenzene	0.374	0.366		-2.139	20.0
Atrazine	0.184	0.168		-8.696	20.0
Pentachlorophenol	0.132	0.140		6.061	20.0
Phenanthrene	1.167	1.141		-2.228	20.0
Anthracene	1.062	1.022		-3.766	20.0
Fluoranthene	1.361	1.256		-7.715	20.0
Pyrene	1.624	1.590		-2.094	20.0
Terphenyl-d14	0.797	0.739		-7.277	20.0
Benzo(a)anthracene	1.410	1.405		-0.355	20.0
Chrysene	1.475	1.474		-0.068	20.0
Bis(2-ethylhexyl)phthalate	0.574	0.601		4.704	20.0
Benzo(b)fluoranthene	1.374	1.308		-4.803	20.0
Benzo(k)fluoranthene	1.360	1.318		-3.088	20.0
Benzo(a)pyrene	1.190	1.129		-5.126	20.0
Indeno(1,2,3-cd)pyrene	1.577	1.542		-2.219	20.0
Dibenzo(a,h)anthracene	1.255	1.216		-3.108	20.0
Benzo(g,h,i)perylene	1.403	1.376		-1.924	20.0
1,4-Dioxane	0.397	0.449		13.098	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN010725 SAS No.: BN010725 SDG No.: BN010725

Instrument ID: BNA_N Calibration Date/Time: 1/7/2025 12:18:31

Lab File ID: BN035902.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	0.536	0.501		-6.53	50.0
Fluoranthene-d10	0.993	0.919		-7.452	50.0
n-Nitrosodimethylamine	0.693	0.694		0.144	50.0
2-Fluorophenol	0.981	0.948		-3.364	50.0
Phenol-d6	1.219	1.168		-4.184	50.0
bis(2-Chloroethyl) ether	0.929	0.935		0.646	50.0
Nitrobenzene-d5	0.317	0.335		5.678	50.0
Naphthalene	1.123	1.118		-0.445	50.0
Hexachlorobutadiene	0.365	0.366		0.274	50.0
2-Methylnaphthalene	0.695	0.661		-4.892	50.0
2-Fluorobiphenyl	1.755	1.789		1.937	50.0
Acenaphthylene	1.884	1.885		0.053	50.0
Acenaphthene	1.235	1.245		0.81	50.0
Fluorene	1.359	1.266		-6.843	50.0
4,6-Dinitro-2-methylphenol	0.069	0.082		18.841	50.0
2,4,6-Tribromophenol	0.192	0.200		4.167	50.0
4-Bromophenyl-phenylether	0.274	0.276		0.73	50.0
Hexachlorobenzene	0.374	0.383		2.406	50.0
Atrazine	0.184	0.174		-5.435	50.0
Pentachlorophenol	0.132	0.139		5.303	50.0
Phenanthrene	1.167	1.154		-1.114	50.0
Anthracene	1.062	1.028		-3.202	50.0
Fluoranthene	1.361	1.256		-7.715	50.0
Pyrene	1.624	1.630		0.369	50.0
Terphenyl-d14	0.797	0.755		-5.27	50.0
Benzo(a)anthracene	1.410	1.396		-0.993	50.0
Chrysene	1.475	1.474		-0.068	50.0
Bis(2-ethylhexyl)phthalate	0.574	0.589		2.613	50.0
Benzo(b)fluoranthene	1.374	1.291		-6.041	50.0
Benzo(k)fluoranthene	1.360	1.319		-3.015	50.0
Benzo(a)pyrene	1.190	1.109		-6.807	50.0
Indeno(1,2,3-cd)pyrene	1.577	1.491		-5.453	50.0
Dibenzo(a,h)anthracene	1.255	1.179		-6.056	50.0
Benzo(g,h,i)perylene	1.403	1.334		-4.918	50.0
1,4-Dioxane	0.397	0.400		0.756	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	PB165971BL	SDG No.:	BN010725
Lab Sample ID:	PB165971BL	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
BN035898.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

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

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	PB165971BL	SDG No.:	BN010725
Lab Sample ID:	PB165971BL	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
BN035898.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.462		20-139		115	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.468		30-150		117	SPK: -0.4
367-12-4	2-Fluorophenol	0.377		10-100		94	SPK: -0.4
13127-88-3	Phenol-d6	0.358		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.495	*	27-123		124	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.467		34-132		117	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.345		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.482		35-157		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1101	7.831				
1146-65-2	Naphthalene-d8	2139	10.622				
15067-26-2	Acenaphthene-d10	1003	14.463				
1517-22-2	Phenanthrene-d10	1872	17.199				
1719-03-5	Chrysene-d12	1597	21.385				
1520-96-3	Perylene-d12	1804	23.692				

Report of Analysis

Client:		Date Collected:	1/3/2025 12:00:00 AM
Project:		Date Received:	1/3/2025 12:00:00 AM
Client Sample ID:	BP-VPB-190A-GW-838-840	SDG No.:	BN010725
Lab Sample ID:	Q1022-03	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	760 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
BN035899.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.26	0.26	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.13	0.13	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.13	0.13	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.13	0.13	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.13	0.13	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.13	0.13	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.13	0.13	ug/L
Total PAH	Total PAH	0.59	U	0.59	0.13	2.08	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.13	0.13	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.18	0.26	0.26	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.13	0.13	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.13	0.13	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.13	0.13	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.26	0.26	ug/L
85-01-8	Phenanthrene	0.03	J	0.03	0.13	0.13	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.13	0.13	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.13	0.13	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.13	0.13	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.13	0.13	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.13	0.13	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6		0.18	0.26	0.26	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	0.13	0.13	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.13	0.13	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.13	0.13	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.13	0.13	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.26	0.26	ug/L

Report of Analysis

Client:		Date Collected:	1/3/2025 12:00:00 AM
Project:		Date Received:	1/3/2025 12:00:00 AM
Client Sample ID:	BP-VPB-190A-GW-838-840	SDG No.:	BN010725
Lab Sample ID:	Q1022-03	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	760 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
BN035899.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

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	0.367		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.114		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.077		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.342		27-123		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.262		34-132		65	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.235		10-131		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.349		35-157		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1117	7.832				
1146-65-2	Naphthalene-d8	2226	10.622				
15067-26-2	Acenaphthene-d10	1401	14.463				
1517-22-2	Phenanthrene-d10	2790	17.199				
1719-03-5	Chrysene-d12	2866	21.385				
1520-96-3	Perylene-d12	3458	23.686				

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	PB165971BS	SDG No.:	BN010725
Lab Sample ID:	PB165971BS	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
BN035900.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.43		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.46		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.42		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.4		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.45		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.67		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.41		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.44		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.44		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.41		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.78		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.45		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.42		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.42		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	PB165971BS	SDG No.:	BN010725
Lab Sample ID:	PB165971BS	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
BN035900.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.452		20-139		113	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.436		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.376		10-100		94	SPK: -0.4
13127-88-3	Phenol-d6	0.363		10-100		91	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.465		27-123		116	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.459		34-132		115	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.277		10-131		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.455		35-157		114	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1718	7.832				
1146-65-2	Naphthalene-d8	3309	10.622				
15067-26-2	Acenaphthene-d10	1504	14.463				
1517-22-2	Phenanthrene-d10	2603	17.199				
1719-03-5	Chrysene-d12	2176	21.385				
1520-96-3	Perylene-d12	2465	23.683				

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	PB165971BSD	SDG No.:	BN010725
Lab Sample ID:	PB165971BSD	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
BN035901.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.44		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.45		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.42		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.45		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.78		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.41		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.47		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.45		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.45		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.42		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.8		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.45		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.45		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.42		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.41		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/7/2025 12:00:00 AM
Project:		Date Received:	1/7/2025 12:00:00 AM
Client Sample ID:	PB165971BSD	SDG No.:	BN010725
Lab Sample ID:	PB165971BSD	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
BN035901.D	1	1/7/2025 12:00:00 AM	1/7/2025 12:00:00 AM	PB165971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.466		20-139		116	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.439		30-150		110	SPK: -0.4
367-12-4	2-Fluorophenol	0.376		10-100		94	SPK: -0.4
13127-88-3	Phenol-d6	0.356		10-100		89	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.473		27-123		118	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.449		34-132		112	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.279		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.468		35-157		117	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1875	7.832				
1146-65-2	Naphthalene-d8	3596	10.622				
15067-26-2	Acenaphthene-d10	1733	14.463				
1517-22-2	Phenanthrene-d10	3028	17.199				
1719-03-5	Chrysene-d12	2486	21.376				
1520-96-3	Perylene-d12	2806	23.684				



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BN010725

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BP-VPB-190A-GW-838-840							
Q1022-03	BP-VPB-190A-GW-838-4 Water	Bis(2-ethylhexyl)phthalate	1.600		0.18	0.26	ug/L
Q1022-03	BP-VPB-190A-GW-838-4 Water	Phenanthrene	0.030	J	0.03	0.13	ug/L
Total Svoc :				1.63			
Total Concentration:				1.63			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN010225 SAS No.: BN010225 SDG No.: BN010225
Instrument ID: _____ Calibration Date(s): 1/2/2025 1: _____
Calibration Time(s): 11:28 _____

LAB FILE ID:		RRF0.1 = BN035871.D		RRF0.2 = BN035872.D		RRF0.4 = BN035873.D		
		RRF0.8 = BN035874.D		RRF1.6 = BN035875.D		RRF3.2 = BN035876.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.547	0.536	0.527	0.519	0.556	0.524	0.536	2.5
Fluoranthene-d10	0.988	0.952	0.978	0.959	1.028	1.010	0.993	3.3
n-Nitrosodimethylamine	0.707	0.674	0.676	0.690	0.722	0.690	0.693	2.5
2-Fluorophenol	1.031	1.009	0.952	0.958	0.997	0.956	0.981	3.1
Phenol-d6	1.351	1.255	1.180	1.197	1.215	1.163	1.219	5.4
bis(2-Chloroethyl)ether	1.001	0.946	0.936	0.913	0.938	0.886	0.929	4.4
Nitrobenzene-d5	0.346	0.307	0.296	0.302	0.319	0.317	0.317	5.5
Naphthalene	1.163	1.094	1.086	1.096	1.167	1.113	1.123	3.0
Hexachlorobutadiene	0.368	0.354	0.353	0.364	0.382	0.362	0.365	2.7
2-Methylnaphthalene	0.691	0.654	0.685	0.680	0.731	0.701	0.695	3.7
2-Fluorobiphenyl	1.776	1.675	1.708	1.765	1.823	1.779	1.755	2.8
Acenaphthylene	1.890	1.766	1.819	1.839	1.962	1.948	1.884	4.1
Acenaphthene	1.187	1.162	1.198	1.232	1.300	1.275	1.235	4.4
Fluorene	1.341	1.270	1.307	1.298	1.419	1.444	1.359	5.3
4,6-Dinitro-2-methylphenol	0.058	0.066	0.067	0.069	0.076	0.076	0.069	9.5
2,4,6-Tribromophenol	0.164	0.165	0.189	0.189	0.207	0.211	0.192	11.4
4-Bromophenyl-phenylether	0.265	0.269	0.268	0.267	0.290	0.283	0.274	3.5
Hexachlorobenzene	0.393	0.369	0.356	0.362	0.394	0.373	0.374	3.9
Atrazine	0.169	0.191	0.176	0.171	0.198	0.190	0.184	6.4
Pentachlorophenol	0.141	0.101	0.118	0.122	0.143	0.148	0.132	14.4
Phenanthrene	1.131	1.132	1.142	1.144	1.228	1.193	1.167	3.4
Anthracene	0.996	0.998	1.008	1.033	1.137	1.132	1.062	6.3
Fluoranthene	1.268	1.253	1.330	1.312	1.441	1.446	1.361	6.7
Pyrene	1.606	1.620	1.571	1.612	1.711	1.621	1.624	2.6
Terphenyl-d14	0.814	0.813	0.790	0.777	0.828	0.776	0.797	2.6
Benzo (a) anthracene	1.379	1.382	1.344	1.407	1.461	1.427	1.410	3.2
Chrysene	1.484	1.458	1.441	1.451	1.541	1.478	1.475	2.2
Bis(2-ethylhexyl)phthalate	0.691	0.583	0.582	0.541	0.569	0.519	0.574	10.1
Benzo (b) fluoranthene	1.337	1.304	1.294	1.351	1.466	1.420	1.374	5.1
Benzo (k) fluoranthene	1.279	1.254	1.251	1.344	1.469	1.442	1.360	7.6
Benzo (a) pyrene	1.099	1.181	1.086	1.163	1.270	1.244	1.190	6.7
Indeno (1,2,3-cd) pyrene	1.428	1.461	1.414	1.578	1.697	1.712	1.577	9.1
Dibenzo (a,h) anthracene	1.145	1.152	1.106	1.251	1.363	1.365	1.255	9.8
Benzo (g,h,i) perylene	1.335	1.316	1.245	1.407	1.490	1.501	1.403	7.7
1,4-Dioxane	0.454	0.422	0.373	0.388	0.391	0.377	0.397	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN010725 SAS No.: BN010725 SDG NO.: BN010725

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jan 7 2025 12:00AM

Lab File ID: BN035873.D Time Analyzed: 16:08

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	1261	7.836	2582	10.63	1358	14.46
UPPER LIMIT	2522	8.336	5164	11.126	2716	14.962
LOWER LIMIT	630.5	7.336	1291	10.126	679	13.962
EPA SAMPLE NO.						
01 PB165971BL	1101	7.83	2139	10.62	1003	14.46
02 BP-VPB-190A-GW-838-840	1117	7.83	2226	10.62	1401	14.46
03 PB165971BS	1718	7.83	3309	10.62	1504	14.46
04 PB165971BSD	1875	7.83	3596	10.62	1733	14.46

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN010725 SAS No.: BN010725 SDG NO.: BN010725

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jan 7 2025 12:00AM

Lab File ID: BN035897.D Time Analyzed: 16:08

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	1335	7.832	2523	10.62	1187	14.46
UPPER LIMIT	2670	8.332	5046	11.122	2374	14.958
LOWER LIMIT	667.5	7.332	1261.5	10.122	593.5	13.958
EPA SAMPLE NO.						
01 PB165971BL	1101	7.83	2139	10.62	1003	14.46
02 BP-VPB-190A-GW-838-840	1117	7.83	2226	10.62	1401	14.46
03 PB165971BS	1718	7.83	3309	10.62	1504	14.46
04 PB165971BSD	1875	7.83	3596	10.62	1733	14.46

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN010725 SAS No.: BN010725 SDG NO.: BN010725

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jan 7 2025 12:00AM

Lab File ID: BN035873.D Time Analyzed: 16:08

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	2769	17.21	2381	21.384	2623	23.694
UPPER LIMIT	5538	17.71	4762	21.884	5246	24.194
LOWER LIMIT	1384.5	16.71	1190.5	20.884	1311.5	23.194
EPA SAMPLE NO.						
01 PB165971BL	1872	17.20	1597	21.39	1804	23.69
02 BP-VPB-190A-GW-838-840	2790	17.20	2866	21.39	3458	23.69
03 PB165971BS	2603	17.20	2176	21.39	2465	23.68
04 PB165971BSD	3028	17.20	2486	21.38	2806	23.68

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN010725 SAS No.: BN010725 SDG NO.: BN010725

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jan 7 2025 12:00AM

Lab File ID: BN035897.D Time Analyzed: 16:08

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	2191	17.206	1780	21.384	2085	23.686
UPPER LIMIT	4382	17.706	3560	21.884	4170	24.186
LOWER LIMIT	1095.5	16.706	890	20.884	1042.5	23.186
EPA SAMPLE NO.						
01 PB165971BL	1872	17.20	1597	21.39	1804	23.69
02 BP-VPB-190A-GW-838-840	2790	17.20	2866	21.39	3458	23.69
03 PB165971BS	2603	17.20	2176	21.39	2465	23.68
04 PB165971BSD	3028	17.20	2486	21.38	2806	23.68

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN010725

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165971BS	n-Nitrosodimethylamine	0.4	0.43	ug/L	108				33	130	
	bis(2-Chloroethyl)ether	0.4	0.46	ug/L	115				55	118	
	Naphthalene	0.4	0.42	ug/L	105				67	120	
	Hexachlorobutadiene	0.4	0.4	ug/L	100				33	114	
	2-Methylnaphthalene	0.4	0.41	ug/L	103				50	122	
	Acenaphthylene	0.4	0.45	ug/L	113				60	119	
	Acenaphthene	0.4	0.44	ug/L	110				65	119	
	Total PAH	6.4	6.67	ug/L	104				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.41	ug/L	103				20	150	
	4-Bromophenyl-phenylether	0.4	0.44	ug/L	110				20	150	
	Hexachlorobenzene	0.4	0.44	ug/L	110				62	127	
	Atrazine	0.4	0.41	ug/L	103				20	150	
	Pentachlorophenol	0.8	0.78	ug/L	98				10	137	
	Phenanthrene	0.4	0.44	ug/L	110				65	117	
	Anthracene	0.4	0.45	ug/L	113				57	118	
	Fluoranthene	0.4	0.38	ug/L	95				53	126	
	Pyrene	0.4	0.4	ug/L	100				54	124	
	Benzo(a)anthracene	0.4	0.42	ug/L	105				54	130	
	Chrysene	0.4	0.4	ug/L	100				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.42	ug/L	105				40	137	
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				65	121	
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				72	119	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				70	127	
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105				65	121	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				76	117	
	1,4-Dioxane	0.4	0.42	ug/L	105				42	127	
PB165971BSD	n-Nitrosodimethylamine	0.4	0.44	ug/L	110	2			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.45	ug/L	113	2			55	118	20
	Naphthalene	0.4	0.42	ug/L	105	0			67	120	20
	Hexachlorobutadiene	0.4	0.41	ug/L	103	2			33	114	20
	2-Methylnaphthalene	0.4	0.43	ug/L	108	5			50	122	20
	Acenaphthylene	0.4	0.45	ug/L	113	0			60	119	20
	Acenaphthene	0.4	0.44	ug/L	110	0			65	119	20
	Total PAH	6.4	6.78	ug/L	106	2			65	119	20
	Fluorene	0.4	0.41	ug/L	103	8			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.47	ug/L	117	14			20	150	20
	4-Bromophenyl-phenylether	0.4	0.45	ug/L	113	2			20	150	20
	Hexachlorobenzene	0.4	0.45	ug/L	113	2			62	127	20
	Atrazine	0.4	0.42	ug/L	105	2			20	150	20
	Pentachlorophenol	0.8	0.8	ug/L	100	3			10	137	20
	Phenanthrene	0.4	0.45	ug/L	113	2			65	117	20
	Anthracene	0.4	0.45	ug/L	113	0			57	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN010725

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB165971BSD	Fluoranthene	0.4	0.39	ug/L	98	3			53	126	20
	Pyrene	0.4	0.41	ug/L	103	2			54	124	20
	Benzo(a)anthracene	0.4	0.42	ug/L	105	0			54	130	20
	Chrysene	0.4	0.42	ug/L	105	5			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.41	ug/L	103	2			40	137	20
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100	0			65	121	20
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105	2			72	119	20
	Benzo(a)pyrene	0.4	0.44	ug/L	110	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110	2			70	127	20
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108	2			65	121	20
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98	0			76	117	20
	1,4-Dioxane	0.4	0.41	ug/L	103	2			42	127	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165971BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN010725

SAS No.: BN010725 SDG NO.: BN010725

Lab File ID: BN035898.D

Lab Sample ID: PB165971BL

Instrument ID: BNA_N

Date Extracted: 01/07/2025

Matrix: (soil/water) Water

Date Analyzed: 01/07/2025

Level: (low/med) LOW

Time Analyzed: 16:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-VPB-190A-GW-838-840	Q1022-03	BN035899.D	01/07/2025
PB165971BS	PB165971BS	BN035900.D	01/07/2025
PB165971BSD	PB165971BSD	BN035901.D	01/07/2025

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BN010725**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165971BL	PB165971BL	BN035898.D	2-Methylnaphthalene-d10	0.4	0.46	115		20	139
			Fluoranthene-d10	0.4	0.47	117		30	150
			2-Fluorophenol	0.4	0.38	94		10	100
			Phenol-d6	0.4	0.36	90		10	100
			Nitrobenzene-d5	0.4	0.50	124	*	27	123
			2-Fluorobiphenyl	0.4	0.47	117		34	132
			2,4,6-Tribromophenol	0.4	0.35	86		10	131
			Terphenyl-d14	0.4	0.48	120		35	157
PB165971BS	PB165971BS	BN035900.D	2-Methylnaphthalene-d10	0.4	0.45	113		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.38	94		10	100
			Phenol-d6	0.4	0.36	91		10	100
			Nitrobenzene-d5	0.4	0.47	116		27	123
			2-Fluorobiphenyl	0.4	0.46	115		34	132
			2,4,6-Tribromophenol	0.4	0.28	69		10	131
			Terphenyl-d14	0.4	0.46	114		35	157
PB165971BSD	PB165971BSD	BN035901.D	2-Methylnaphthalene-d10	0.4	0.47	116		20	139
			Fluoranthene-d10	0.4	0.44	110		30	150
			2-Fluorophenol	0.4	0.38	94		10	100
			Phenol-d6	0.4	0.36	89		10	100
			Nitrobenzene-d5	0.4	0.47	118		27	123
			2-Fluorobiphenyl	0.4	0.45	112		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.47	117		35	157
Q1022-03	BP-VPB-190A-GW	BN035899.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.37	92		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.34	86		27	123
			2-Fluorobiphenyl	0.4	0.26	65		34	132
			2,4,6-Tribromophenol	0.4	0.24	59		10	131
			Terphenyl-d14	0.4	0.35	87		35	157

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN010725

Lab Code: CHEM

SAS No.: BN010725

SDG NO.: BN010725

Lab File ID: BN035896.D

DFTPP Injection Date: 01/07/2025

Instrument ID: BNA_N

DFTPP Injection Time: 14:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.9
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	43.4
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	44.4
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	6.5
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	9.5
442	Greater than 50% of mass 198	58.2
443	15.0 - 24.0% of mass 442	11.3 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN035897.D	01/07/2025	15:03
PB165971BL	PB165971BL	BN035898.D	01/07/2025	16:08
BP-VPB-190A-GW-838-840	Q1022-03	BN035899.D	01/07/2025	16:44
PB165971BS	PB165971BS	BN035900.D	01/07/2025	17:19
PB165971BSD	PB165971BSD	BN035901.D	01/07/2025	17:55
SSTDCCC0.4EC	SSTDCCC0.4	BN035902.D	01/07/2025	18:31