

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3483</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>11/18/2025 12:10</u>
Lab File ID:	<u>BG064799.D</u>	Init. Calib. Date(s):	<u>11/12/2025 11/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:17 16:04</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.672	0.604		-10.1	
Pyridine	1.321	1.291		-2.3	
2-Fluorophenol	1.145	1.128		-1.5	
Benzaldehyde	0.997	0.912		-8.5	
Aniline	2.030	2.030		0.0	
Phenol-d6	1.523	1.523		0.0	
Phenol	1.657	1.689		1.9	20.0
bis(2-Chloroethyl)ether	1.179	1.233		4.6	
2-Chlorophenol	1.258	1.269		0.9	
1,2-Dichlorobenzene	1.429	1.420		-0.6	
1,3-Dichlorobenzene	1.447	1.436		-0.8	
1,4-Dichlorobenzene	1.474	1.455		-1.3	20.0
Benzyl Alcohol	1.250	1.236		-1.1	
2-Methylphenol	1.173	1.178		0.4	
2,2-oxybis(1-Chloropropane)	2.792	2.561		-8.3	
Acetophenone	0.545	0.562		3.1	
3+4-Methylphenols	1.607	1.588		-1.2	
n-Nitroso-di-n-propylamine	1.030	1.047	0.050	1.6	
Nitrobenzene-d5	0.405	0.405		0.0	
Hexachloroethane	0.558	0.526		-5.7	
Nitrobenzene	0.409	0.420		2.7	
Isophorone	0.770	0.766		-0.5	
2-Nitrophenol	0.184	0.195		6.0	20.0
2,4-Dimethylphenol	0.327	0.336		2.8	
bis(2-Chloroethoxy)methane	0.423	0.444		5.0	
2,4-Dichlorophenol	0.351	0.366		4.3	20.0
1,2,4-Trichlorobenzene	0.423	0.421		-0.5	
Benzoic acid	0.205	0.217		5.9	
Naphthalene	1.134	1.122		-1.1	
4-Chloroaniline	0.454	0.472		4.0	
Hexachlorobutadiene	0.363	0.353		-2.8	20.0
Caprolactam	0.105	0.115		9.5	
4-Chloro-3-methylphenol	0.390	0.405		3.8	20.0
2-Methylnaphthalene	0.848	0.836		-1.4	
Hexachlorocyclopentadiene	0.558	0.528	0.050	-5.4	
2,4,6-Trichlorophenol	0.457	0.464		1.5	20.0
2-Fluorobiphenyl	1.433	1.382		-3.6	
2,4,5-Trichlorophenol	0.512	0.515		0.6	
1,1-Biphenyl	1.436	1.390		-3.2	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3483</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>11/18/2025 12:10</u>
Lab File ID:	<u>BG064799.D</u>	Init. Calib. Date(s):	<u>11/12/2025 11/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:17 16:04</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.132	1.114		-1.6	
2-Nitroaniline	0.364	0.381		4.7	
Dimethylphthalate	1.580	1.559		-1.3	
Acenaphthylene	1.933	1.911		-1.1	
2,6-Dinitrotoluene	0.304	0.313		3.0	
3-Nitroaniline	0.300	0.325		8.3	
Acenaphthene	1.159	1.177		1.6	20.0
2,4-Dinitrophenol	0.158	0.190	0.050	20.3	
4-Nitrophenol	0.238	0.263	0.050	10.5	
Dibenzofuran	1.916	1.888		-1.5	
2,4-Dinitrotoluene	0.456	0.484		6.1	
Diethylphthalate	1.513	1.534		1.4	
4-Chlorophenyl-phenylether	0.902	0.892		-1.1	
Fluorene	1.503	1.464		-2.6	
4-Nitroaniline	0.311	0.348		11.9	
4,6-Dinitro-2-methylphenol	0.111	0.127		14.4	
n-Nitrosodiphenylamine	0.524	0.537		2.5	20.0
Azobenzene	1.259	1.262		0.2	
2,4,6-Tribromophenol	0.390	0.387		-0.8	
4-Bromophenyl-phenylether	0.263	0.264		0.4	
Hexachlorobenzene	0.318	0.315		-0.9	
Atrazine	0.253	0.253		0.0	
Pentachlorophenol	0.157	0.186		18.5	20.0
Phenanthrene	1.094	1.106		1.1	
Anthracene	1.116	1.131		1.3	
Carbazole	0.959	0.965		0.6	
Di-n-butylphthalate	1.070	1.097		2.5	
Fluoranthene	1.496	1.451		-3.0	20.0
Benzidine	0.599	0.507		-15.4	
Pyrene	1.121	1.228		9.5	
Terphenyl-d14	1.017	1.058		4.0	
Butylbenzylphthalate	0.394	0.421		6.9	
3,3-Dichlorobenzidine	0.501	0.456		-9.0	
Benzo(a)anthracene	1.360	1.329		-2.3	
Chrysene	1.282	1.259		-1.8	
Bis(2-ethylhexyl)phthalate	0.576	0.574		-0.3	
Di-n-octyl phthalate	0.996	0.952		-4.4	20.0
Benzo(b)fluoranthene	1.273	1.265		-0.6	
Benzo(k)fluoranthene	1.279	1.283		0.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3483</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>11/18/2025 12:10</u>
Lab File ID:	<u>BG064799.D</u>	Init. Calib. Date(s):	<u>11/12/2025 11/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:17 16:04</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.181	1.169		-1.0	20.0
Indeno(1,2,3-cd)pyrene	1.374	1.420		3.3	
Dibenzo(a,h)anthracene	1.126	1.168		3.7	
Benzo(g,h,i)perylene	1.083	1.137		5.0	
1,2,4,5-Tetrachlorobenzene	0.778	0.756		-2.8	
1,4-Dioxane	0.443	0.411		-7.2	20.0
2,3,4,6-Tetrachlorophenol	0.506	0.533		5.3	
1-Methylnaphthalene	0.843	0.828		-1.8	

All other compounds must meet a minimum RRF of 0.010.