

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2743</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>08/04/2025 12:04</u>
Lab File ID:	<u>BF143290.D</u>	Init. Calib. Date(s):	<u>07/17/2025 07/17/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:04 14:34</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.304		3.2	
Benzaldehyde	1.193	1.312		10.0	
Phenol-d6	1.591	1.645		3.4	
Phenol	1.733	1.905		9.9	20.0
bis(2-Chloroethyl)ether	1.327	1.391		4.7	
2-Chlorophenol	1.325	1.362		2.8	
2-Methylphenol	1.114	1.137		2.1	
2,2-oxybis(1-Chloropropane)	2.461	2.560		4.0	
Acetophenone	0.474	0.474		0.0	
3+4-Methylphenols	1.351	1.378		2.0	
n-Nitroso-di-n-propylamine	1.021	1.014	0.050	-0.7	
Nitrobenzene-d5	0.401	0.415		3.5	
Hexachloroethane	0.502	0.529		5.4	
Nitrobenzene	0.374	0.391		4.5	
Isophorone	0.708	0.720		1.7	
2-Nitrophenol	0.162	0.180		11.1	20.0
2,4-Dimethylphenol	0.331	0.332		0.3	
bis(2-Chloroethoxy)methane	0.425	0.436		2.6	
2,4-Dichlorophenol	0.279	0.287		2.9	20.0
Naphthalene	0.985	1.008		2.3	
4-Chloroaniline	0.402	0.413		2.7	
Hexachlorobutadiene	0.184	0.186		1.1	20.0
Caprolactam	0.084	0.088		4.8	
4-Chloro-3-methylphenol	0.303	0.305		0.7	20.0
2-Methylnaphthalene	0.599	0.610		1.8	
Hexachlorocyclopentadiene	0.376	0.356	0.050	-5.3	
2,4,6-Trichlorophenol	0.400	0.395		-1.3	20.0
2-Fluorobiphenyl	1.462	1.487		1.7	
2,4,5-Trichlorophenol	0.400	0.412		3.0	
1,1-Biphenyl	1.560	1.631		4.6	
2-Chloronaphthalene	1.155	1.190		3.0	
2-Nitroaniline	0.362	0.399		10.2	
Dimethylphthalate	1.304	1.359		4.2	
Acenaphthylene	1.935	2.001		3.4	
2,6-Dinitrotoluene	0.265	0.284		7.2	
3-Nitroaniline	0.310	0.324		4.5	
Acenaphthene	1.144	1.188		3.8	20.0
2,4-Dinitrophenol	0.098	0.104	0.050	6.1	
4-Nitrophenol	0.232	0.275	0.050	18.5	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2743</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>08/04/2025 12:04</u>
Lab File ID:	<u>BF143290.D</u>	Init. Calib. Date(s):	<u>07/17/2025 07/17/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:04 14:34</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.698	1.735		2.2	
2,4-Dinitrotoluene	0.333	0.363		9.0	
Diethylphthalate	1.289	1.338		3.8	
4-Chlorophenyl-phenylether	0.635	0.664		4.6	
Fluorene	1.274	1.320		3.6	
4-Nitroaniline	0.266	0.285		7.1	
4,6-Dinitro-2-methylphenol	0.094	0.101		7.4	
n-Nitrosodiphenylamine	0.704	0.722		2.6	20.0
2,4,6-Tribromophenol	0.207	0.215		3.9	
4-Bromophenyl-phenylether	0.238	0.247		3.8	
Hexachlorobenzene	0.249	0.251		0.8	
Atrazine	0.194	0.211		8.8	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Phenanthrene	1.062	1.086		2.2	
Anthracene	1.083	1.123		3.7	
Carbazole	0.946	0.979		3.5	
Di-n-butylphthalate	1.070	1.194		11.6	
Fluoranthene	0.975	1.058		8.5	20.0
Pyrene	1.707	1.713		0.4	
Terphenyl-d14	1.344	1.333		-0.8	
Butylbenzylphthalate	0.523	0.618		18.2	
3,3-Dichlorobenzidine	0.446	0.462		3.6	
Benzo (a) anthracene	1.339	1.356		1.3	
Chrysene	1.204	1.248		3.7	
Bis(2-ethylhexyl)phthalate	0.791	0.879		11.1	
Di-n-octyl phthalate	1.434	1.428		-0.4	20.0
Benzo (b) fluoranthene	1.222	1.303		6.6	
Benzo (k) fluoranthene	1.090	1.036		-5.0	
Benzo (a) pyrene	1.126	1.162		3.2	20.0
Indeno (1,2,3-cd) pyrene	1.410	1.475		4.6	
Dibenzo (a,h) anthracene	1.148	1.210		5.4	
Benzo (g,h,i) perylene	1.110	1.206		8.6	
1,2,4,5-Tetrachlorobenzene	0.577	0.610		5.7	
1,4-Dioxane	0.598	0.635		6.2	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.342		3.3	

All other compounds must meet a minimum RRF of 0.010.