

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCAL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3150</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>09/25/2025 11:34</u>
Lab File ID:	<u>BP025855.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.188		-4.2	
Benzaldehyde	0.987	1.238		25.4	
Phenol-d6	1.648	1.516		-8.0	
Phenol	1.737	1.582		-8.9	20.0
bis(2-Chloroethyl)ether	1.396	1.272		-8.9	
2-Chlorophenol	1.360	1.312		-3.5	
2-Methylphenol	1.171	1.066		-9.0	
2,2-oxybis(1-Chloropropane)	2.283	1.863		-18.4	
Acetophenone	0.534	0.508		-4.9	
3+4-Methylphenols	1.640	1.431		-12.7	
n-Nitroso-di-n-propylamine	1.149	1.022	0.050	-11.1	
Nitrobenzene-d5	0.453	0.414		-8.6	
Hexachloroethane	0.602	0.553		-8.1	
Nitrobenzene	0.407	0.369		-9.3	
Isophorone	0.797	0.731		-8.3	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.317	0.299		-5.7	
bis(2-Chloroethoxy)methane	0.461	0.437		-5.2	
2,4-Dichlorophenol	0.316	0.308		-2.5	20.0
Naphthalene	1.078	1.000		-7.2	
4-Chloroaniline	0.449	0.432		-3.8	
Hexachlorobutadiene	0.229	0.231		0.9	20.0
Caprolactam	0.122	0.141		15.6	
4-Chloro-3-methylphenol	0.377	0.354		-6.1	20.0
2-Methylnaphthalene	0.693	0.651		-6.1	
Hexachlorocyclopentadiene	0.330	0.329	0.050	-0.3	
2,4,6-Trichlorophenol	0.398	0.400		0.5	20.0
2-Fluorobiphenyl	1.502	1.436		-4.4	
2,4,5-Trichlorophenol	0.443	0.434		-2.0	
1,1-Biphenyl	1.468	1.368		-6.8	
2-Chloronaphthalene	1.156	1.091		-5.6	
2-Nitroaniline	0.385	0.349		-9.4	
Dimethylphthalate	1.527	1.434		-6.1	
Acenaphthylene	1.915	1.796		-6.2	
2,6-Dinitrotoluene	0.324	0.311		-4.0	
3-Nitroaniline	0.340	0.321		-5.6	
Acenaphthene	1.104	1.025		-7.2	20.0
2,4-Dinitrophenol	0.183	0.196	0.050	7.1	
4-Nitrophenol	0.258	0.299	0.050	15.9	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCAL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3150</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>09/25/2025 11:34</u>
Lab File ID:	<u>BP025855.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.680		-6.7	
2,4-Dinitrotoluene	0.460	0.453		-1.5	
Diethylphthalate	1.549	1.433		-7.5	
4-Chlorophenyl-phenylether	0.721	0.692		-4.0	
Fluorene	1.431	1.351		-5.6	
4-Nitroaniline	0.349	0.336		-3.7	
4,6-Dinitro-2-methylphenol	0.133	0.141		6.0	
n-Nitrosodiphenylamine	0.612	0.579		-5.4	20.0
2,4,6-Tribromophenol	0.249	0.263		5.6	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.245	0.249		1.6	
Atrazine	0.234	0.226		-3.4	
Pentachlorophenol	0.162	0.158		-2.5	20.0
Phenanthrene	1.135	1.062		-6.4	
Anthracene	1.151	1.081		-6.1	
Carbazole	1.070	1.030		-3.7	
Di-n-butylphthalate	1.313	1.283		-2.3	
Fluoranthene	1.361	1.265		-7.1	20.0
Pyrene	1.335	1.269		-4.9	
Terphenyl-d14	1.112	1.087		-2.2	
Butylbenzylphthalate	0.585	0.566		-3.2	
3,3-Dichlorobenzidine	0.473	0.469		-0.8	
Benzo (a) anthracene	1.369	1.289		-5.8	
Chrysene	1.305	1.228		-5.9	
Bis(2-ethylhexyl)phthalate	0.856	0.799		-6.7	
Di-n-octyl phthalate	1.523	1.471		-3.4	20.0
Benzo (b) fluoranthene	1.223	1.100		-10.1	
Benzo (k) fluoranthene	1.248	1.125		-9.9	
Benzo (a) pyrene	1.198	1.123		-6.3	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.407		-3.2	
Dibenzo (a,h) anthracene	1.190	1.157		-2.9	
Benzo (g,h,i) perylene	1.171	1.137		-2.9	
1,2,4,5-Tetrachlorobenzene	0.606	0.605		-0.2	
1,4-Dioxane	0.520	0.474		-8.8	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.393		-1.5	

All other compounds must meet a minimum RRF of 0.010.