

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>NOBI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2558</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/22/2025 08:46</u>
Lab File ID:	<u>BF143177.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	1.232		-2.5	
Phenol-d6	1.591	1.553		-2.4	
Nitrobenzene-d5	0.401	0.400		-0.2	
Naphthalene	0.985	0.952		-3.3	
2-Methylnaphthalene	0.599	0.584		-2.5	
2-Fluorobiphenyl	1.462	1.361		-6.9	
Acenaphthylene	1.935	1.864		-3.7	
Acenaphthene	1.144	1.105		-3.4	20.0
Fluorene	1.274	1.229		-3.5	
2,4,6-Tribromophenol	0.207	0.215		3.9	
Phenanthrene	1.062	1.023		-3.7	
Anthracene	1.083	1.044		-3.6	
Fluoranthene	0.975	1.003		2.9	20.0
Pyrene	1.707	1.892		10.8	
Terphenyl-d14	1.344	1.450		7.9	
Benzo (a) anthracene	1.339	1.294		-3.4	
Chrysene	1.204	1.190		-1.2	
Benzo (b) fluoranthene	1.222	1.268		3.8	
Benzo (k) fluoranthene	1.090	0.989		-9.3	
Benzo (a) pyrene	1.126	1.116		-0.9	20.0
Indeno (1,2,3-cd) pyrene	1.410	1.410		0.0	
Dibenzo (a,h) anthracene	1.148	1.153		0.4	
Benzo (g,h,i) perylene	1.110	1.136		2.3	

All other compounds must meet a minimum RRF of 0.010.