

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>NOBI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2747</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>08/05/2025 10:00</u>
Lab File ID:	<u>BF143305.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	1.256		-0.6	
Phenol-d6	1.591	1.570		-1.3	
Nitrobenzene-d5	0.401	0.409		2.0	
Naphthalene	0.985	0.982		-0.3	
2-Methylnaphthalene	0.599	0.594		-0.8	
2-Fluorobiphenyl	1.462	1.437		-1.7	
Acenaphthylene	1.935	1.903		-1.7	
Acenaphthene	1.144	1.158		1.2	20.0
Fluorene	1.274	1.245		-2.3	
2,4,6-Tribromophenol	0.207	0.201		-2.9	
Phenanthrene	1.062	1.054		-0.8	
Anthracene	1.083	1.085		0.2	
Fluoranthene	0.975	1.012		3.8	20.0
Pyrene	1.707	1.555		-8.9	
Terphenyl-d14	1.344	1.214		-9.7	
Benzo (a) anthracene	1.339	1.306		-2.5	
Chrysene	1.204	1.231		2.2	
Benzo (b) fluoranthene	1.222	1.160		-5.1	
Benzo (k) fluoranthene	1.090	1.056		-3.1	
Benzo (a) pyrene	1.126	1.108		-1.6	20.0
Indeno (1,2,3-cd) pyrene	1.410	1.401		-0.6	
Dibenzo (a,h) anthracene	1.148	1.123		-2.2	
Benzo (g,h,i) perylene	1.110	1.130		1.8	

All other compounds must meet a minimum RRF of 0.010.