

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>NOBI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2638</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/22/2025 13:55</u>
Lab File ID:	<u>BF143187.D</u>	Init. Calib. Date(s):	<u>07/17/2025 07/17/2025</u>
EPA Sample No.:	<u>SSTDCCC040EC</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	1.228		-2.8	50.0
Phenol-d6	1.591	1.539		-3.3	50.0
Nitrobenzene-d5	0.401	0.404		0.7	50.0
Naphthalene	0.985	0.970		-1.5	50.0
2-Methylnaphthalene	0.599	0.591		-1.3	50.0
2-Fluorobiphenyl	1.462	1.449		-0.9	50.0
Acenaphthylene	1.935	1.914		-1.1	50.0
Acenaphthene	1.144	1.157		1.1	50.0
Fluorene	1.274	1.255		-1.5	50.0
2,4,6-Tribromophenol	0.207	0.214		3.4	50.0
Phenanthrene	1.062	1.050		-1.1	50.0
Anthracene	1.083	1.076		-0.6	50.0
Fluoranthene	0.975	1.020		4.6	50.0
Pyrene	1.707	1.544		-9.5	50.0
Terphenyl-d14	1.344	1.184		-11.9	50.0
Benzo (a) anthracene	1.339	1.284		-4.1	50.0
Chrysene	1.204	1.210		0.5	50.0
Benzo (b) fluoranthene	1.222	1.221		-0.1	50.0
Benzo (k) fluoranthene	1.090	1.049		-3.8	50.0
Benzo (a) pyrene	1.126	1.119		-0.6	50.0
Indeno (1,2,3-cd) pyrene	1.410	1.321		-6.3	50.0
Dibenzo (a,h) anthracene	1.148	1.070		-6.8	50.0
Benzo (g,h,i) perylene	1.110	1.026		-7.6	50.0

All other compounds must meet a minimum RRF of 0.010.