

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3015</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>09/24/2025</u> <u>09:54</u>
Lab File ID:	<u>BN037871.D</u>	Init. Calib. Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>12:13</u> <u>15:51</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.556	0.502		-9.7	20.0
Fluoranthene-d10	1.006	0.885		-12.0	20.0
2-Fluorophenol	0.913	0.826		-9.5	20.0
Phenol-d6	1.199	1.076		-10.3	20.0
Nitrobenzene-d5	0.305	0.287		-5.9	20.0
Naphthalene	1.102	1.058		-4.0	20.0
2-Methylnaphthalene	0.720	0.669		-7.1	20.0
2-Fluorobiphenyl	1.638	1.579		-3.6	20.0
Acenaphthylene	1.816	1.680		-7.5	20.0
Acenaphthene	1.294	1.213		-6.3	20.0
Fluorene	1.565	1.505		-3.8	20.0
2,4,6-Tribromophenol	0.152	0.122		-19.7	20.0
Phenanthrene	1.316	1.208		-8.2	20.0
Anthracene	1.142	1.005		-12.0	20.0
Fluoranthene	1.450	1.301		-10.3	20.0
Pyrene	1.579	1.447		-8.4	20.0
Terphenyl-d14	0.797	0.725		-9.0	20.0
Benzo (a) anthracene	1.398	1.258		-10.0	20.0
Chrysene	1.512	1.452		-4.0	20.0
Benzo (b) fluoranthene	1.725	1.588		-7.9	20.0
Benzo (k) fluoranthene	1.736	1.645		-5.2	20.0
Benzo (a) pyrene	1.364	1.234		-9.5	20.0
Indeno (1,2,3-cd) pyrene	1.828	1.795		-1.8	20.0
Dibenzo (a,h) anthracene	1.427	1.407		-1.4	20.0
Benzo (g,h,i) perylene	1.499	1.464		-2.3	20.0

All other compounds must meet a minimum RRF of 0.010.