

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3083</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>09/18/2025 14:32</u>
Lab File ID:	<u>BN037776.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>09:56 13:33</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	0.530	0.497		-6.2	20.0
Fluoranthene-d10	1.004	0.839		-16.4	20.0
2-Fluorophenol	0.918	0.890		-3.0	20.0
Phenol-d6	1.191	1.130		-5.1	20.0
Nitrobenzene-d5	0.293	0.298		1.7	20.0
Naphthalene	1.093	1.070		-2.1	20.0
2-Fluorobiphenyl	1.673	1.679		0.4	20.0
Acenaphthylene	1.834	1.744		-4.9	20.0
Acenaphthene	1.240	1.206		-2.7	20.0
Fluorene	1.502	1.397		-7.0	20.0
2,4,6-Tribromophenol	0.104	0.114		9.6	20.0
Phenanthrene	1.259	1.222		-2.9	20.0
Anthracene	1.116	1.047		-6.2	20.0
Fluoranthene	1.381	1.201		-13.0	20.0
Pyrene	1.566	1.637		4.5	20.0
Terphenyl-d14	0.812	0.801		-1.4	20.0
Benzo (a) anthracene	1.395	1.328		-4.8	20.0
Chrysene	1.496	1.528		2.1	20.0
Benzo (b) fluoranthene	1.575	1.525		-3.2	20.0
Benzo (k) fluoranthene	1.606	1.612		0.4	20.0
Benzo (a) pyrene	1.261	1.241		-1.6	20.0
Indeno (1,2,3-cd) pyrene	1.681	1.837		9.3	20.0
Dibenzo (a,h) anthracene	1.342	1.463		9.0	20.0
Benzo (g,h,i) perylene	1.506	1.555		3.3	20.0

All other compounds must meet a minimum RRF of 0.010.