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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_N Calibration Date/Time: 09/18/2025 02:46

Lab File ID: BN037759.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.511		-3.6	20.0
Fluoranthene-d10	1.004	0.949		-5.5	20.0
2-Fluorophenol	0.918	0.939		2.3	20.0
Phenol-d6	1.191	1.179		-1.0	20.0
Nitrobenzene-d5	0.293	0.286		-2.4	20.0
Naphthalene	1.093	1.062		-2.8	20.0
2-Fluorobiphenyl	1.673	1.646		-1.6	20.0
Acenaphthylene	1.834	1.743		-5.0	20.0
Acenaphthene	1.240	1.204		-2.9	20.0
Fluorene	1.502	1.421		-5.4	20.0
2,4,6-Tribromophenol	0.104	0.120		15.4	20.0
Phenanthrene	1.259	1.218		-3.3	20.0
Anthracene	1.116	1.073		-3.9	20.0
Fluoranthene	1.381	1.338		-3.1	20.0
Pyrene	1.566	1.487		-5.0	20.0
Terphenyl-d14	0.812	0.735		-9.5	20.0
Benzo(a)anthracene	1.395	1.368		-1.9	20.0
Chrysene	1.496	1.485		-0.7	20.0
Benzo(b)fluoranthene	1.575	1.500		-4.8	20.0
Benzo(k)fluoranthene	1.606	1.567		-2.4	20.0
Benzo(a)pyrene	1.261	1.217		-3.5	20.0
Indeno(1,2,3-cd)pyrene	1.681	1.811		7.7	20.0
Dibenzo(a,h)anthracene	1.342	1.448		7.9	20.0
Benzo(g,h,i)perylene	1.506	1.515		0.6	20.0

All other compounds must meet a minimum RRF of 0.010.