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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2879

Instrument ID: BNA_F Calibration Date/Time: 08/19/2025 19:53

Lab File ID: BF143465.D Init. Calib. Date(s): 08/15/2025 08/15/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:29 17:57

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.151	1.147		-0.3	50.0
Phenol-d6	1.450	1.417		-2.3	50.0
Nitrobenzene-d5	0.337	0.341		1.2	50.0
Naphthalene	0.950	0.945		-0.5	50.0
2-Methylnaphthalene	0.640	0.642		0.3	50.0
2-Fluorobiphenyl	1.189	1.143		-3.9	50.0
Acenaphthylene	1.602	1.570		-2.0	50.0
Acenaphthene	1.077	1.067		-0.9	50.0
Fluorene	1.194	1.153		-3.4	50.0
2,4,6-Tribromophenol	0.178	0.188		5.6	50.0
Phenanthrene	1.083	1.044		-3.6	50.0
Anthracene	1.094	1.058		-3.3	50.0
Fluoranthene	0.962	0.899		-6.5	50.0
Pyrene	1.738	1.802		3.7	50.0
Terphenyl-d14	1.191	1.246		4.6	50.0
Benzo(a)anthracene	1.273	1.278		0.4	50.0
Chrysene	1.177	1.149		-2.4	50.0
Benzo(b)fluoranthene	1.072	1.084		1.1	50.0
Benzo(k)fluoranthene	1.057	0.971		-8.1	50.0
Benzo(a)pyrene	1.021	1.011		-1.0	50.0
Indeno(1,2,3-cd)pyrene	1.500	1.455		-3.0	50.0
Dibenzo(a,h)anthracene	1.204	1.166		-3.2	50.0
Benzo(g,h,i)perylene	1.203	1.166		-3.1	50.0

All other compounds must meet a minimum RRF of 0.010.