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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259 SDG No.: Q2259

Instrument ID: BNA_F Calibration Date/Time: 06/10/2025 13:44

Lab File ID: BF142709.D Init. Calib. Date(s): 06/09/2025 06/09/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 13:09 16:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.178	1.176		-0.2	50.0
Phenol-d6	1.381	1.390		0.7	50.0
Nitrobenzene-d5	0.364	0.362		-0.5	50.0
Naphthalene	0.986	0.968		-1.8	50.0
2-Methylnaphthalene	0.620	0.605		-2.4	50.0
2-Fluorobiphenyl	1.462	1.453		-0.6	50.0
Acenaphthylene	1.931	1.886		-2.3	50.0
Acenaphthene	1.181	1.160		-1.8	50.0
Fluorene	1.355	1.273		-6.1	50.0
2,4,6-Tribromophenol	0.225	0.209		-7.1	50.0
Phenanthrene	1.069	1.051		-1.7	50.0
Anthracene	1.110	1.086		-2.2	50.0
Fluoranthene	1.071	0.973		-9.1	50.0
Pyrene	1.630	1.723		5.7	50.0
Terphenyl-d14	1.265	1.333		5.4	50.0
Benzo(a)anthracene	1.298	1.263		-2.7	50.0
Chrysene	1.229	1.229		0.0	50.0
Benzo(b)fluoranthene	1.195	1.191		-0.3	50.0
Benzo(k)fluoranthene	1.124	0.977		-13.1	50.0
Benzo(a)pyrene	1.120	1.099		-1.9	50.0
Indeno(1,2,3-cd)pyrene	1.415	1.598		12.9	50.0
Dibenzo(a,h)anthracene	1.139	1.299		14.0	50.0
Benzo(g,h,i)perylene	1.179	1.302		10.4	50.0

All other compounds must meet a minimum RRF of 0.010.