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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984 SDG No.: Q1984

Instrument ID: BNA_P Calibration Date/Time: 05/20/2025 22:04

Lab File ID: BP024718.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.092		-6.6	50.0
Phenol-d6	1.492	1.356		-9.1	50.0
Nitrobenzene-d5	0.396	0.354		-10.6	50.0
Naphthalene	1.036	0.990		-4.4	50.0
2-Methylnaphthalene	0.671	0.644		-4.0	50.0
2-Fluorobiphenyl	1.527	1.493		-2.2	50.0
Acenaphthylene	1.886	1.808		-4.1	50.0
Acenaphthene	1.084	1.038		-4.2	50.0
Fluorene	1.410	1.366		-3.1	50.0
2,4,6-Tribromophenol	0.339	0.363		7.1	50.0
Phenanthrene	1.112	1.068		-4.0	50.0
Anthracene	1.119	1.103		-1.4	50.0
Fluoranthene	1.300	1.253		-3.6	50.0
Pyrene	1.198	1.170		-2.3	50.0
Terphenyl-d14	1.166	1.166		0.0	50.0
Benzo(a)anthracene	1.256	1.204		-4.1	50.0
Chrysene	1.190	1.133		-4.8	50.0
Benzo(b)fluoranthene	1.145	1.086		-5.2	50.0
Benzo(k)fluoranthene	1.180	1.096		-7.1	50.0
Benzo(a)pyrene	1.099	1.047		-4.7	50.0
Indeno(1,2,3-cd)pyrene	1.460	1.407		-3.6	50.0
Dibenzo(a,h)anthracene	1.188	1.146		-3.5	50.0
Benzo(g,h,i)perylene	1.181	1.125		-4.7	50.0

All other compounds must meet a minimum RRF of 0.010.