

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: 05/21/2025 10:56

Lab File ID: BP024735.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	1.095		-6.3	50.0
Phenol-d6	1.492	1.348		-9.7	50.0
Nitrobenzene-d5	0.396	0.354		-10.6	50.0
Naphthalene	1.036	0.975		-5.9	50.0
2-Methylnaphthalene	0.671	0.626		-6.7	50.0
2-Fluorobiphenyl	1.527	1.508		-1.2	50.0
Acenaphthylene	1.886	1.779		-5.7	50.0
Acenaphthene	1.084	1.033		-4.7	50.0
Fluorene	1.410	1.333		-5.5	50.0
2,4,6-Tribromophenol	0.339	0.374		10.3	50.0
Phenanthrene	1.112	1.064		-4.3	50.0
Anthracene	1.119	1.078		-3.7	50.0
Fluoranthene	1.300	1.271		-2.2	50.0
Pyrene	1.198	1.128		-5.8	50.0
Terphenyl-d14	1.166	1.159		-0.6	50.0
Benzo (a) anthracene	1.256	1.189		-5.3	50.0
Chrysene	1.190	1.115		-6.3	50.0
Benzo (b) fluoranthene	1.145	1.081		-5.6	50.0
Benzo (k) fluoranthene	1.180	1.121		-5.0	50.0
Benzo (a) pyrene	1.099	1.057		-3.8	50.0
Indeno (1,2,3-cd) pyrene	1.460	1.427		-2.3	50.0
Dibenzo (a,h) anthracene	1.188	1.169		-1.6	50.0
Benzo (g,h,i) perylene	1.181	1.141		-3.4	50.0

All other compounds must meet a minimum RRF of 0.010.