

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883

Instrument ID: BNA_P Calibration Date/Time: 05/05/2025 23:32

Lab File ID: BP024538.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.181		-2.4	50.0
Phenol-d6	1.656	1.533		-7.4	50.0
Nitrobenzene-d5	0.351	0.353		0.6	50.0
Naphthalene	1.054	1.018		-3.4	50.0
2-Methylnaphthalene	0.731	0.708		-3.1	50.0
2-Fluorobiphenyl	1.306	1.276		-2.3	50.0
Acenaphthylene	1.730	1.682		-2.8	50.0
Acenaphthene	1.097	1.053		-4.0	50.0
Fluorene	1.388	1.349		-2.8	50.0
2,4,6-Tribromophenol	0.277	0.318		14.8	50.0
Phenanthrene	1.091	1.031		-5.5	50.0
Anthracene	1.052	1.024		-2.7	50.0
Fluoranthene	1.298	1.278		-1.5	50.0
Pyrene	1.271	1.170		-7.9	50.0
Terphenyl-d14	0.992	0.966		-2.6	50.0
Benzo (a) anthracene	1.243	1.204		-3.1	50.0
Chrysene	1.191	1.132		-5.0	50.0
Benzo (b) fluoranthene	1.199	1.158		-3.4	50.0
Benzo (k) fluoranthene	1.158	1.123		-3.0	50.0
Benzo (a) pyrene	1.034	0.999		-3.4	50.0
Indeno (1,2,3-cd) pyrene	1.388	1.374		-1.0	50.0
Dibenzo (a,h) anthracene	1.152	1.140		-1.0	50.0
Benzo (g,h,i) perylene	1.173	1.164		-0.8	50.0

All other compounds must meet a minimum RRF of 0.010.