

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: 05/07/2025 10:08

Lab File ID: BP024558.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 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	1.172		-3.1	
Phenol-d6	1.656	1.539		-7.1	
Nitrobenzene-d5	0.351	0.344		-2.0	
Naphthalene	1.054	1.016		-3.6	
2-Methylnaphthalene	0.731	0.708		-3.1	
2-Fluorobiphenyl	1.306	1.341		2.7	
Acenaphthylene	1.730	1.678		-3.0	
Acenaphthene	1.097	1.049		-4.4	20.0
Fluorene	1.388	1.335		-3.8	
2,4,6-Tribromophenol	0.277	0.314		13.4	
Phenanthrene	1.091	1.034		-5.2	
Anthracene	1.052	1.027		-2.4	
Fluoranthene	1.298	1.171		-9.8	20.0
Pyrene	1.271	1.347		6.0	
Terphenyl-d14	0.992	1.111		12.0	
Benzo (a) anthracene	1.243	1.187		-4.5	
Chrysene	1.191	1.126		-5.5	
Benzo (b) fluoranthene	1.199	1.187		-1.0	
Benzo (k) fluoranthene	1.158	1.134		-2.1	
Benzo (a) pyrene	1.034	1.004		-2.9	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.322		-4.8	
Dibenzo (a,h) anthracene	1.152	1.101		-4.4	
Benzo (g,h,i) perylene	1.173	1.113		-5.1	

All other compounds must meet a minimum RRF of 0.010.