

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LIRO01

Lab Code: CHEM Case No.: Q2333 SAS No.: Q2333 SDG No.: Q2333

Instrument ID: BNA_F Calibration Date/Time: 06/18/2025 11:48

Lab File ID: BF142772.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.174	1.170		-0.3	
Phenol-d6	1.382	1.385		0.2	
Nitrobenzene-d5	0.365	0.356		-2.5	
2-Fluorobiphenyl	1.505	1.389		-7.7	
Acenaphthylene	1.929	1.853		-3.9	
Acenaphthene	1.196	1.138		-4.8	20.0
Fluorene	1.345	1.278		-5.0	
2,4,6-Tribromophenol	0.219	0.206		-5.9	
Phenanthrene	1.071	1.018		-4.9	
Anthracene	1.108	1.043		-5.9	
Fluoranthene	1.019	1.030		1.1	20.0
Pyrene	1.859	1.665		-10.4	
Terphenyl-d14	1.456	1.259		-13.5	
Benzo (a) anthracene	1.325	1.285		-3.0	
Chrysene	1.224	1.148		-6.2	
Benzo (b) fluoranthene	1.178	1.205		2.3	
Benzo (k) fluoranthene	1.143	1.050		-8.1	
Benzo (a) pyrene	1.120	1.081		-3.5	20.0
Indeno (1,2,3-cd) pyrene	1.482	1.312		-11.5	
Dibenzo (a,h) anthracene	1.210	1.075		-11.2	
Benzo (g,h,i) perylene	1.203	1.047		-13.0	

All other compounds must meet a minimum RRF of 0.010.