

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LIRO01

Lab Code: CHEM Case No.: P5021 SAS No.: P5021 SDG No.: P5021

Instrument ID: BNA_F Calibration Date/Time: 12/02/2024 10:22

Lab File ID: BF140681.D Init. Calib. Date(s): 11/21/2024 11/21/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:13 14:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.148		-2.0	
Phenol-d6	1.550	1.511		-2.5	
Nitrobenzene-d5	0.391	0.381		-2.6	
2-Fluorobiphenyl	1.342	1.303		-2.9	
Acenaphthylene	1.710	1.674		-2.1	
Acenaphthene	1.086	1.073		-1.2	20.0
Fluorene	1.330	1.312		-1.4	
2,4,6-Tribromophenol	0.214	0.211		-1.4	
Phenanthrene	0.961	0.947		-1.5	
Anthracene	0.940	0.935		-0.5	
Fluoranthene	1.044	1.053		0.9	20.0
Pyrene	1.849	1.875		1.4	
Terphenyl-d14	1.284	1.262		-1.7	
Benzo (a) anthracene	1.324	1.320		-0.3	
Chrysene	1.211	1.200		-0.9	
Benzo (b) fluoranthene	1.256	1.244		-1.0	
Benzo (k) fluoranthene	1.099	1.048		-4.6	
Benzo (a) pyrene	1.021	1.000		-2.1	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.265		-2.9	
Dibenzo (a,h) anthracene	1.067	1.025		-3.9	
Benzo (g,h,i) perylene	1.089	1.064		-2.3	

All other compounds must meet a minimum RRF of 0.010.