

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: P4852 SAS No.: P4852 SDG No.: P4852

Instrument ID: BNA_F Calibration Date/Time: 11/16/2024 09:34

Lab File ID: BF140417.D Init. Calib. Date(s): 11/13/2024 11/13/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 12:48

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.171	1.149		-1.9	
Phenol-d6	1.587	1.530		-3.6	
Nitrobenzene-d5	0.384	0.376		-2.1	
Isophorone	0.680	0.662		-2.6	
Naphthalene	1.015	1.001		-1.4	
2-Fluorobiphenyl	1.244	1.185		-4.7	
Fluorene	1.267	1.222		-3.6	
2,4,6-Tribromophenol	0.199	0.198		-0.5	
Phenanthrene	0.940	0.898		-4.5	
Anthracene	0.921	0.890		-3.4	
Pyrene	1.711	1.804		5.4	
Terphenyl-d14	1.152	1.194		3.6	
Benzo (a) anthracene	1.314	1.329		1.1	
Chrysene	1.199	1.120		-6.6	
Benzo (b) fluoranthene	1.308	1.209		-7.6	
Benzo (a) pyrene	1.016	0.999		-1.7	20.0
Benzo (g,h,i) perylene	1.044	1.054		1.0	

All other compounds must meet a minimum RRF of 0.010.