

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: P4595 SAS No.: P4595 SDG No.: P4595

Instrument ID: BNA_E Calibration Date/Time: 10/31/2024 10:18

Lab File ID: BE101425.D Init. Calib. Date(s): 10/28/2024 10/28/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:44 16:01

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.141	1.094		-4.1	
Phenol-d6	1.582	1.584		0.1	
Nitrobenzene-d5	0.318	0.320		0.6	
Naphthalene	1.019	0.988		-3.0	
2-Fluorobiphenyl	1.181	1.186		0.4	
Acenaphthylene	1.601	1.590		-0.7	
Acenaphthene	1.045	1.022		-2.2	20.0
Fluorene	1.394	1.372		-1.6	
2,4,6-Tribromophenol	0.351	0.354		0.9	
Phenanthrene	0.958	0.952		-0.6	
Anthracene	0.935	0.944		1.0	
Fluoranthene	1.163	1.164		0.1	20.0
Pyrene	1.100	1.121		1.9	
Terphenyl-d14	0.869	0.814		-6.3	
Benzo (a) anthracene	1.124	1.135		1.0	
Chrysene	1.087	1.082		-0.5	
Benzo (b) fluoranthene	1.042	1.047		0.5	
Benzo (k) fluoranthene	0.974	1.007		3.4	
Benzo (a) pyrene	0.912	0.929		1.9	20.0
Indeno (1,2,3-cd) pyrene	1.338	1.335		-0.2	
Dibenzo (a,h) anthracene	1.106	1.121		1.4	
Benzo (g,h,i) perylene	1.140	1.126		-1.2	

All other compounds must meet a minimum RRF of 0.010.