

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JAC005

Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG No.: P3645

Instrument ID: BNA_N Calibration Date/Time: 08/20/2024 04:44

Lab File ID: BN033489.D Init. Calib. Date(s): 08/19/2024 08/19/2024

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 16:16 19:53

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.572	0.523		-8.6	20.0
Fluoranthene-d10	0.961	0.802		-16.5	20.0
2-Fluorophenol	1.271	1.003		-21.1	20.0
Phenol-d6	1.512	1.274		-15.7	20.0
Nitrobenzene-d5	0.332	0.284		-14.5	20.0
Naphthalene	1.069	0.986		-7.8	20.0
2-Methylnaphthalene	0.677	0.626		-7.5	20.0
2-Fluorobiphenyl	1.634	1.511		-7.5	20.0
Acenaphthylene	1.754	1.526		-13.0	20.0
Acenaphthene	1.234	1.122		-9.1	20.0
Fluorene	1.555	1.402		-9.8	20.0
2,4,6-Tribromophenol	0.215	0.163		-24.2	20.0
Phenanthrene	1.113	1.038		-6.7	20.0
Anthracene	0.985	0.858		-12.9	20.0
Fluoranthene	1.230	1.056		-14.1	20.0
Pyrene	1.785	1.802		1.0	20.0
Terphenyl-d14	0.909	0.886		-2.5	20.0
Benzo (a) anthracene	1.446	1.315		-9.1	20.0
Chrysene	1.437	1.353		-5.8	20.0
Benzo (b) fluoranthene	1.494	1.423		-4.8	20.0
Benzo (k) fluoranthene	1.470	1.396		-5.0	20.0
Benzo (a) pyrene	1.236	1.083		-12.4	20.0
Indeno (1,2,3-cd) pyrene	1.661	1.557		-6.3	20.0
Dibenzo (a,h) anthracene	1.328	1.239		-6.7	20.0
Benzo (g,h,i) perylene	1.420	1.309		-7.8	20.0
1,4-Dioxane	0.460	0.396		-13.9	20.0

All other compounds must meet a minimum RRF of 0.010.