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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

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

Instrument ID: BNA_N Calibration Date/Time: 08/20/2024 15:51

Lab File ID: BN033507.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	0.507		-11.4	20.0
Fluoranthene-d10	0.961	0.788		-18.0	20.0
2-Fluorophenol	1.271	1.002		-21.2	20.0
Phenol-d6	1.512	1.276		-15.6	20.0
Nitrobenzene-d5	0.332	0.279		-16.0	20.0
Naphthalene	1.069	0.968		-9.4	20.0
2-Methylnaphthalene	0.677	0.607		-10.3	20.0
2-Fluorobiphenyl	1.634	1.523		-6.8	20.0
Acenaphthylene	1.754	1.480		-15.6	20.0
Acenaphthene	1.234	1.092		-11.5	20.0
Fluorene	1.555	1.355		-12.9	20.0
2,4,6-Tribromophenol	0.215	0.149		-30.7	20.0
Phenanthrene	1.113	1.029		-7.5	20.0
Anthracene	0.985	0.833		-15.4	20.0
Fluoranthene	1.230	1.036		-15.8	20.0
Pyrene	1.785	1.689		-5.4	20.0
Terphenyl-d14	0.909	0.822		-9.6	20.0
Benzo(a)anthracene	1.446	1.307		-9.6	20.0
Chrysene	1.437	1.359		-5.4	20.0
Benzo(b)fluoranthene	1.494	1.410		-5.6	20.0
Benzo(k)fluoranthene	1.470	1.388		-5.6	20.0
Benzo(a)pyrene	1.236	1.066		-13.8	20.0
Indeno(1,2,3-cd)pyrene	1.661	1.583		-4.7	20.0
Dibenzo(a,h)anthracene	1.328	1.262		-5.0	20.0
Benzo(g,h,i)perylene	1.420	1.318		-7.2	20.0
1,4-Dioxane	0.460	0.411		-10.7	20.0

All other compounds must meet a minimum RRF of 0.010.