

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: USEP04

Lab Code: CHEM Case No.: P4022 SAS No.: P4022 SDG No.: P4022

Instrument ID: BNA_P Calibration Date/Time: 10/04/2024 13:41

Lab File ID: BP022227.D Init. Calib. Date(s): 09/24/2024 09/24/2024

EPA Sample No.: SSTD020788 Init. Calib. Time(s): 10:53 14:18

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.511	0.452	0.010	-11.5	25.0
Pyridine-d5	1.460	1.301	0.010	-10.8	40.0
Phenol-d5	1.636	1.501	0.010	-8.3	25.0
Bis-(2-Chloroethyl) ether-d8	1.007	0.901	0.050	-10.6	25.0
2-Chlorophenol-d4	1.184	1.192	0.200	0.7	20.0
4-Methylphenol-d8	1.296	1.246	0.010	-3.9	20.0
Nitrobenzene-d5	0.150	0.149	0.050	-0.2	20.0
2-Nitrophenol-d4	0.170	0.177	0.050	4.2	30.0
2,4-Dichlorophenol-d3	0.369	0.380	0.060	3.2	20.0
4-Chloroaniline-d4	0.440	0.438	0.010	-0.4	40.0
Dimethylphthalate-d6	1.546	1.477	0.300	-4.5	20.0
Acenaphthylene-d8	1.637	1.614	0.400	-1.4	20.0
4-Nitrophenol-d4	0.264	0.224	0.010	-15.1	40.0
Fluorene-d10	1.368	1.341	0.100	-2.0	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.096	0.010	-22.8	40.0
Anthracene-d10	0.934	0.890	0.300	-4.7	20.0
Pyrene-d10	1.036	1.011	0.300	-2.4	25.0
Benzo(a)pyrene-d12	1.052	1.004	0.010	-4.5	20.0

All other compounds must meet a minimum RRF of 0.010.