

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: 10/02/2024 20:53

Lab File ID: BP022170.D Init. Calib. Date(s): 09/24/2024 09/24/2024

EPA Sample No.: SSTD020783 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	0.417	0.010	-18.3	25.0
Pyridine-d5	1.460	1.273	0.010	-12.8	40.0
Phenol-d5	1.636	1.531	0.010	-6.4	25.0
Bis-(2-Chloroethyl) ether-d8	1.007	0.913	0.050	-9.4	25.0
2-Chlorophenol-d4	1.184	1.216	0.200	2.8	20.0
4-Methylphenol-d8	1.296	1.262	0.010	-2.6	20.0
Nitrobenzene-d5	0.150	0.148	0.050	-1.5	20.0
2-Nitrophenol-d4	0.170	0.166	0.050	-2.3	30.0
2,4-Dichlorophenol-d3	0.369	0.371	0.060	0.8	20.0
4-Chloroaniline-d4	0.440	0.418	0.010	-5.0	40.0
Dimethylphthalate-d6	1.546	1.462	0.300	-5.4	20.0
Acenaphthylene-d8	1.637	1.595	0.400	-2.6	20.0
4-Nitrophenol-d4	0.264	0.229	0.010	-13.3	40.0
Fluorene-d10	1.368	1.265	0.100	-7.5	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.102	0.010	-17.6	40.0
Anthracene-d10	0.934	0.900	0.300	-3.7	20.0
Pyrene-d10	1.036	1.008	0.300	-2.7	25.0
Benzo(a)pyrene-d12	1.052	0.973	0.010	-7.5	20.0

All other compounds must meet a minimum RRF of 0.010.