

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: 09/30/2024 14:38

Lab File ID: BP022112.D Init. Calib. Date(s): 09/24/2024 09/24/2024

EPA Sample No.: SSTD020777 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	0.514	0.010	0.6	25.0
Pyridine-d5	1.460	1.407	0.010	-3.6	40.0
Phenol-d5	1.636	1.540	0.010	-5.9	25.0
Bis-(2-Chloroethyl) ether-d8	1.007	0.927	0.050	-8.0	25.0
2-Chlorophenol-d4	1.184	1.185	0.200	0.1	20.0
4-Methylphenol-d8	1.296	1.198	0.010	-7.6	20.0
Nitrobenzene-d5	0.150	0.150	0.050	0.4	20.0
2-Nitrophenol-d4	0.170	0.182	0.050	7.1	30.0
2,4-Dichlorophenol-d3	0.369	0.373	0.060	1.1	20.0
4-Chloroaniline-d4	0.440	0.419	0.010	-4.7	40.0
Dimethylphthalate-d6	1.546	1.487	0.300	-3.8	20.0
Acenaphthylene-d8	1.637	1.622	0.400	-0.9	20.0
4-Nitrophenol-d4	0.264	0.243	0.010	-8.2	40.0
Fluorene-d10	1.368	1.364	0.100	-0.3	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.125	0.010	0.5	40.0
Anthracene-d10	0.934	0.951	0.300	1.9	20.0
Pyrene-d10	1.036	0.943	0.300	-9.0	25.0
Benzo(a)pyrene-d12	1.052	1.024	0.010	-2.6	20.0

All other compounds must meet a minimum RRF of 0.010.