

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM Case No.: P3671 SAS No.: P3671 SDG No.: P3671
Instrument ID: BNA_P Calibration Date/Time: 08/22/2024 10:09
Lab File ID: BP021607.D Init. Calib. Date(s): 08/13/2024 08/13/2024
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:32 17:36
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.783	1.583		-11.2	
2-Fluorophenol	1.347	1.382		2.6	
Benzaldehyde	1.258	1.141		-9.3	
Phenol-d6	1.965	1.978		0.7	
2-Methylphenol	1.286	1.308		1.7	
3+4-Methylphenols	1.734	1.847		6.5	
Nitrobenzene-d5	0.387	0.422		9.0	
Hexachloroethane	0.599	0.599		0.0	
Nitrobenzene	0.421	0.428		1.7	
Naphthalene	1.045	1.023		-2.1	
Hexachlorobutadiene	0.215	0.203		-5.6	20.0
2-Methylnaphthalene	0.713	0.707		-0.8	
2,4,6-Trichlorophenol	0.326	0.368		12.9	20.0
2-Fluorobiphenyl	1.310	1.233		-5.9	
2,4,5-Trichlorophenol	0.362	0.424		17.1	
Acenaphthylene	1.619	1.602		-1.0	
Acenaphthene	1.063	1.108		4.2	20.0
Dibenzofuran	1.635	1.616		-1.2	
2,4-Dinitrotoluene	0.284	0.446		57.0	
Fluorene	1.343	1.319		-1.8	
2,4,6-Tribromophenol	0.223	0.273		22.4	
Hexachlorobenzene	0.250	0.236		-5.6	
Pentachlorophenol	0.137	0.168		22.6	20.0
Phenanthrene	0.962	0.941		-2.2	
Anthracene	0.943	0.926		-1.8	
Carbazole	0.909	0.948		4.3	
Di-n-butylphthalate	1.116	1.173		5.1	
Fluoranthene	1.180	1.250		5.9	20.0
Pyrene	1.307	1.233		-5.7	
Terphenyl-d14	1.029	0.933		-9.3	
Benzo (a) anthracene	1.256	1.216		-3.2	
Chrysene	1.185	1.172		-1.1	
Bis (2-ethylhexyl) phthalate	0.742	0.818		10.2	
Benzo (b) fluoranthene	1.149	1.148		-0.1	
Benzo (k) fluoranthene	1.121	1.085		-3.2	
Benzo (a) pyrene	0.997	1.003		0.6	20.0
Indeno (1,2,3-cd) pyrene	1.296	1.280		-1.2	
Dibenzo (a,h) anthracene	1.077	1.051		-2.4	
Benzo (g,h,i) perylene	1.080	1.071		-0.8	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,4-Dioxane	0.639	0.577		-9.7	20.0
1-Methylnaphthalene	0.703	0.697		-0.9	

All other compounds must meet a minimum RRF of 0.010.