

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_F Calibration Date/Time: 08/26/2024 09:43
Lab File ID: BF139159.D Init. Calib. Date(s): 08/20/2024 08/20/2024
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:10 20:41
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.417	1.457		2.8	
2-Fluorophenol	1.300	1.273		-2.1	
Benzaldehyde	0.985	1.034		5.0	
Phenol-d6	1.680	1.707		1.6	
2-Methylphenol	1.070	1.101		2.9	
3+4-Methylphenols	1.386	1.429		3.1	
Nitrobenzene-d5	0.343	0.448		30.6	
Hexachloroethane	0.527	0.539		2.3	
Nitrobenzene	0.382	0.466		22.0	
Naphthalene	1.014	1.066		5.1	
Hexachlorobutadiene	0.220	0.229		4.1	20.0
2-Methylnaphthalene	0.650	0.688		5.8	
2,4,6-Trichlorophenol	0.370	0.393		6.2	20.0
2-Fluorobiphenyl	1.261	1.279		1.4	
2,4,5-Trichlorophenol	0.379	0.410		8.2	
Acenaphthylene	1.595	1.666		4.5	
Acenaphthene	1.053	1.115		5.9	20.0
Dibenzofuran	1.530	1.606		4.9	
2,4-Dinitrotoluene	0.250	0.399		59.6	
Fluorene	1.223	1.276		4.3	
2,4,6-Tribromophenol	0.181	0.215		18.8	
Hexachlorobenzene	0.227	0.241		6.2	
Pentachlorophenol	0.145	0.165		13.8	20.0
Phenanthrene	1.017	1.037		2.0	
Anthracene	0.994	1.019		2.5	
Carbazole	0.928	0.930		0.2	
Di-n-butylphthalate	1.076	1.101		2.3	
Fluoranthene	1.085	1.047		-3.5	20.0
Pyrene	1.669	1.930		15.6	
Terphenyl-d14	1.205	1.431		18.8	
Benzo (a) anthracene	1.315	1.350		2.7	
Chrysene	1.192	1.246		4.5	
Bis (2-ethylhexyl) phthalate	0.765	0.860		12.4	
Benzo (b) fluoranthene	1.304	1.322		1.3	
Benzo (k) fluoranthene	1.086	1.070		-1.5	
Benzo (a) pyrene	1.030	1.072		4.1	20.0
Indeno (1,2,3-cd) pyrene	1.171	1.404		19.9	
Dibenzo (a,h) anthracene	0.961	1.166		21.3	
Benzo (g,h,i) perylene	0.969	1.174		21.2	

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COMPOUND	<u>RRF</u>	RRF040	MIN RRF	%D	MAX%D
1,4-Dioxane	0.558	0.558		0.0	20.0
1-Methylnaphthalene	0.627	0.678		8.1	

All other compounds must meet a minimum RRF of 0.010.