

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JAC005

Lab Code: CHEM Case No.: P3596 SAS No.: P3596 SDG No.: P3596

Instrument ID: BNA_M Calibration Date/Time: 08/19/2024 09:42

Lab File ID: BM047245.D Init. Calib. Date(s): 08/10/2024 08/10/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:12 17:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.360	1.126		-17.2	
2-Fluorophenol	1.119	0.985		-12.0	
Benzaldehyde	0.904	0.709		-21.6	
Phenol-d6	1.542	1.370		-11.2	
2-Methylphenol	1.027	0.951		-7.4	
Acetophenone	0.483	0.429		-11.2	
3+4-Methylphenols	1.435	1.329		-7.4	
Nitrobenzene-d5	0.397	0.345		-13.1	
Nitrobenzene	0.400	0.352		-12.0	
2,4-Dichlorophenol	0.308	0.310		0.6	20.0
Naphthalene	0.996	0.908		-8.8	
Hexachlorobutadiene	0.204	0.213		4.4	20.0
2-Methylnaphthalene	0.709	0.667		-5.9	
2,4,6-Trichlorophenol	0.388	0.387		-0.3	20.0
2-Fluorobiphenyl	1.297	1.203		-7.2	
2,4,5-Trichlorophenol	0.430	0.431		0.2	
Acenaphthylene	1.640	1.482		-9.6	
Acenaphthene	1.041	0.938		-9.9	20.0
Dibenzofuran	1.644	1.483		-9.8	
Fluorene	1.356	1.232		-9.1	
2,4,6-Tribromophenol	0.232	0.233		0.4	
Hexachlorobenzene	0.231	0.217		-6.1	
Pentachlorophenol	0.162	0.158		-2.5	20.0
Phenanthrene	1.004	0.896		-10.8	
Carbazole	0.997	0.892		-10.5	
Di-n-butylphthalate	1.160	1.070		-7.8	
Fluoranthene	1.221	1.121		-8.2	20.0
Pyrene	1.428	1.389		-2.7	
Terphenyl-d14	0.933	0.922		-1.2	
Benzo (a) anthracene	1.328	1.210		-8.9	
Chrysene	1.260	1.127		-10.6	
Bis (2-ethylhexyl) phthalate	0.826	0.796		-3.6	
Benzo (b) fluoranthene	1.188	1.040		-12.5	
Benzo (k) fluoranthene	1.122	0.981		-12.6	
Benzo (a) pyrene	1.029	0.906		-12.0	20.0
Indeno (1,2,3-cd) pyrene	1.293	1.055		-18.4	
Dibenzo (a,h) anthracene	1.046	0.868		-17.0	
Benzo (g,h,i) perylene	1.086	0.869		-20.0	
1,4-Dioxane	0.464	0.372		-19.8	20.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1-Methylnaphthalene	0.701	0.654		-6.7	

All other compounds must meet a minimum RRF of 0.010.