

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1664 SAS No.: Q1664 SDG No.: Q1664

Instrument ID: MSVOA_Y Calibration Date/Time: 04/01/2025 10:13

Lab File ID: VY021731.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.503		-2.9	20
Chloromethane	0.729	0.661	0.1	-9.33	20
Vinyl Chloride	0.824	0.773		-6.19	20
Bromomethane	0.562	0.514		-8.54	20
Chloroethane	0.539	0.495		-8.16	20
Trichlorofluoromethane	1.056	1.042		-1.33	20
1,1,2-Trichlorotrifluoroethane	0.557	0.558		0.18	20
1,1-Dichloroethene	0.524	0.526		0.38	20
Acetone	0.111	0.089		-19.82	20
Carbon Disulfide	1.727	1.673		-3.13	20
Methyl tert-butyl Ether	1.306	1.321		1.15	20
Methyl Acetate	0.275	0.287		4.36	20
Methylene Chloride	0.626	0.569		-9.1	20
trans-1,2-Dichloroethene	0.577	0.583		1.04	20
1,1-Dichloroethane	1.049	1.041	0.1	-0.76	20
Cyclohexane	0.956	0.916		-4.18	20
2-Butanone	0.158	0.142		-10.13	20
Carbon Tetrachloride	0.566	0.583		3	20
cis-1,2-Dichloroethene	0.649	0.669		3.08	20
Bromochloromethane	0.442	0.402		-9.05	20
Chloroform	1.091	1.087		-0.37	20
1,1,1-Trichloroethane	0.986	0.985		-0.1	20
Methylcyclohexane	0.590	0.628		6.44	20
Benzene	1.479	1.490		0.74	20
1,2-Dichloroethane	0.417	0.409		-1.92	20
Trichloroethene	0.377	0.389		3.18	20
1,2-Dichloropropane	0.350	0.354		1.14	20
Bromodichloromethane	0.523	0.529		1.15	20
4-Methyl-2-Pentanone	0.230	0.225		-2.17	20
Toluene	0.923	0.962		4.22	20
t-1,3-Dichloropropene	0.465	0.479		3.01	20
cis-1,3-Dichloropropene	0.548	0.555		1.28	20
1,1,2-Trichloroethane	0.260	0.267		2.69	20
2-Hexanone	0.153	0.149		-2.61	20
Dibromochloromethane	0.355	0.369		3.94	20
1,2-Dibromoethane	0.244	0.251		2.87	20
Tetrachloroethene	0.455	0.465		2.2	20
Chlorobenzene	1.146	1.163	0.3	1.48	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.965	2.068		5.24	20
m/p-Xylenes	0.753	0.791		5.05	20
o-Xylene	0.695	0.744		7.05	20
Styrene	1.158	1.265		9.24	20
Bromoform	0.232	0.240	0.1	3.45	20
Isopropylbenzene	3.714	3.927		5.74	20
1,1,2,2-Tetrachloroethane	0.668	0.646	0.3	-3.29	20
1,3-Dichlorobenzene	1.757	1.808		2.9	20
1,4-Dichlorobenzene	1.736	1.750		0.81	20
1,2-Dichlorobenzene	1.529	1.568		2.55	20
1,2-Dibromo-3-Chloropropane	0.103	0.099		-3.88	20
1,2,4-Trichlorobenzene	0.829	0.905		9.17	20
1,2,3-Trichlorobenzene	0.707	0.756		6.93	20
1,2-Dichloroethane-d4	0.542	0.509		-6.09	20
Dibromofluoromethane	0.324	0.320		-1.24	20
Toluene-d8	1.234	1.227		-0.57	20
4-Bromofluorobenzene	0.417	0.421		0.96	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.