

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date/Time: 06/03/2025 20:51

Lab File ID: VY022536.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	1.322	1.505	0.1	13.84	50
Vinyl Chloride	1.534	1.832		19.43	50
Bromomethane	1.470	1.391		-5.37	50
Chloroethane	1.053	1.190		13.01	50
Trichlorofluoromethane	1.302	1.443		10.83	50
1,1,2-Trichlorotrifluoroethane	0.549	0.527		-4.01	50
1,1-Dichloroethene	0.524	0.518		-1.14	50
Acetone	0.114	0.093		-18.42	50
Carbon Disulfide	1.679	1.643		-2.14	50
Methyl tert-butyl Ether	1.477	1.522		3.05	50
Methylene Chloride	0.645	0.625		-3.1	50
trans-1,2-Dichloroethene	0.587	0.601		2.38	50
1,1-Dichloroethane	1.079	1.124	0.1	4.17	50
2-Butanone	0.164	0.157		-4.27	50
Carbon Tetrachloride	0.497	0.478		-3.82	50
cis-1,2-Dichloroethene	0.678	0.716		5.61	50
Chloroform	1.069	1.151		7.67	50
1,1,1-Trichloroethane	0.949	0.985		3.79	50
Methylcyclohexane	0.651	0.594		-8.76	50
Benzene	1.431	1.465		2.38	50
1,2-Dichloroethane	0.391	0.398		1.79	50
Trichloroethene	0.350	0.354		1.14	50
1,2-Dichloropropane	0.338	0.338		0	50
Bromodichloromethane	0.482	0.503		4.36	50
4-Methyl-2-Pentanone	0.233	0.232		-0.43	50
Toluene	0.899	0.909		1.11	50
t-1,3-Dichloropropene	0.452	0.442		-2.21	50
cis-1,3-Dichloropropene	0.526	0.520		-1.14	50
1,1,2-Trichloroethane	0.243	0.247		1.65	50
2-Hexanone	0.156	0.154		-1.28	50
Dibromochloromethane	0.308	0.311		0.97	50
Tetrachloroethene	0.430	0.459		6.74	50
Chlorobenzene	1.106	1.132	0.3	2.35	50
Ethyl Benzene	2.052	2.057		0.24	50
m/p-Xylenes	0.778	0.782		0.51	50
o-Xylene	0.729	0.739		1.37	50
Styrene	1.206	1.236		2.49	50
Bromoform	0.198	0.202	0.1	2.02	50

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
Isopropylbenzene	4.105	4.064		-1	50
1,1,2,2-Tetrachloroethane	0.674	0.647	0.3	-4.01	50
1,3-Dichlorobenzene	1.755	1.761		0.34	50
1,4-Dichlorobenzene	1.702	1.697		-0.29	50
1,2-Dichlorobenzene	1.490	1.517		1.81	50
1,2-Dichloroethane-d4	0.559	0.605		8.23	50
Dibromofluoromethane	0.298	0.320		7.38	50
Toluene-d8	1.206	1.276		5.8	50
4-Bromofluorobenzene	0.359	0.370		3.06	50

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