

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2314 SAS No.: Q2314 SDG No.: Q2314

Instrument ID: MSVOA_N Calibration Date/Time: 06/13/2025 20:13

Lab File ID: VN087015.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.652	0.1	1.24	50
Vinyl Chloride	0.664	0.821		23.65	50
Bromomethane	0.372	0.219		-41.13	50
Chloroethane	0.429	0.518		20.75	50
Trichlorofluoromethane	0.868	1.042		20.05	50
1,1,2-Trichlorotrifluoroethane	0.545	0.617		13.21	50
1,1-Dichloroethene	0.557	0.668		19.93	50
Acetone	0.355	0.350		-1.41	50
Carbon Disulfide	1.539	2.017		31.06	50
Methyl tert-butyl Ether	2.015	2.225		10.42	50
Methylene Chloride	0.665	0.744		11.88	50
trans-1,2-Dichloroethene	0.619	0.710		14.7	50
1,1-Dichloroethane	1.120	1.263	0.1	12.77	50
2-Butanone	0.577	0.590		2.25	50
Carbon Tetrachloride	0.433	0.489		12.93	50
cis-1,2-Dichloroethene	0.740	0.836		12.97	50
Chloroform	1.118	1.246		11.45	50
1,1,1-Trichloroethane	0.951	1.053		10.73	50
Methylcyclohexane	0.605	0.611		0.99	50
Benzene	1.444	1.638		13.44	50
1,2-Dichloroethane	0.438	0.485		10.73	50
Trichloroethene	0.342	0.397		16.08	50
1,2-Dichloropropane	0.351	0.397		13.1	50
Bromodichloromethane	0.480	0.538		12.08	50
4-Methyl-2-Pentanone	0.543	0.578		6.45	50
Toluene	0.882	1.010		14.51	50
t-1,3-Dichloropropene	0.537	0.584		8.75	50
cis-1,3-Dichloropropene	0.574	0.634		10.45	50
1,1,2-Trichloroethane	0.340	0.377		10.88	50
2-Hexanone	0.350	0.392		12	50
Dibromochloromethane	0.354	0.408		15.25	50
Tetrachloroethene	0.316	0.387		22.47	50
Chlorobenzene	1.103	1.233	0.3	11.79	50
Ethyl Benzene	1.900	2.095		10.26	50
m/p-Xylenes	0.727	0.827		13.76	50
o-Xylene	0.696	0.790		13.51	50
Styrene	1.192	1.365		14.51	50
Bromoform	0.263	0.300	0.1	14.07	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	3.643	3.855		5.82	50
1,1,2,2-Tetrachloroethane	1.234	1.365	0.3	10.62	50
1,3-Dichlorobenzene	1.644	1.779		8.21	50
1,4-Dichlorobenzene	1.676	1.813		8.17	50
1,2-Dichlorobenzene	1.579	1.724		9.18	50
1,2-Dichloroethane-d4	0.669	0.681		1.79	50
Dibromofluoromethane	0.296	0.323		9.12	50
Toluene-d8	1.173	1.197		2.05	50
4-Bromofluorobenzene	0.436	0.460		5.51	50

All other compounds must meet a minimum RRF of 0.010.
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