

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA_Y Calibration Date/Time: 05/23/2025 21:05

Lab File ID: VY022419.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	1.097	1.286	0.1	17.23	50
Vinyl Chloride	1.226	1.562		27.41	50
Bromomethane	0.998	1.467		46.99	50
Chloroethane	0.763	0.994		30.27	50
Trichlorofluoromethane	1.241	1.273		2.58	50
1,1,2-Trichlorotrifluoroethane	0.539	0.593		10.02	50
1,1-Dichloroethene	0.535	0.583		8.97	50
Acetone	0.102	0.097		-4.9	50
Carbon Disulfide	1.744	1.796		2.98	50
Methyl tert-butyl Ether	1.475	1.640		11.19	50
Methylene Chloride	0.662	0.667		0.75	50
trans-1,2-Dichloroethene	0.590	0.651		10.34	50
1,1-Dichloroethane	1.106	1.209	0.1	9.31	50
2-Butanone	0.171	0.169		-1.17	50
Carbon Tetrachloride	0.509	0.536		5.3	50
cis-1,2-Dichloroethene	0.681	0.775		13.8	50
Chloroform	1.061	1.200		13.1	50
1,1,1-Trichloroethane	0.974	1.067		9.55	50
Methylcyclohexane	0.660	0.680		3.03	50
Benzene	1.457	1.575		8.1	50
1,2-Dichloroethane	0.394	0.422		7.11	50
Trichloroethene	0.362	0.384		6.08	50
1,2-Dichloropropane	0.351	0.373		6.27	50
Bromodichloromethane	0.492	0.537		9.15	50
4-Methyl-2-Pentanone	0.253	0.255		0.79	50
Toluene	0.923	0.978		5.96	50
t-1,3-Dichloropropene	0.480	0.486		1.25	50
cis-1,3-Dichloropropene	0.550	0.568		3.27	50
1,1,2-Trichloroethane	0.243	0.266		9.47	50
2-Hexanone	0.170	0.168		-1.18	50
Dibromochloromethane	0.315	0.347		10.16	50
Tetrachloroethene	0.462	0.460		-0.43	50
Chlorobenzene	1.128	1.209	0.3	7.18	50
Ethyl Benzene	2.113	2.203		4.26	50
m/p-Xylenes	0.796	0.827		3.89	50
o-Xylene	0.753	0.789		4.78	50
Styrene	1.270	1.344		5.83	50
Bromoform	0.209	0.220	0.1	5.26	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	4.142	4.339		4.76	50
1,1,2,2-Tetrachloroethane	0.637	0.705	0.3	10.68	50
1,3-Dichlorobenzene	1.806	1.889		4.6	50
1,4-Dichlorobenzene	1.737	1.817		4.61	50
1,2-Dichlorobenzene	1.517	1.609		6.07	50
1,2-Dichloroethane-d4	0.546	0.600		9.89	50
Dibromofluoromethane	0.298	0.336		12.75	50
Toluene-d8	1.222	1.318		7.86	50
4-Bromofluorobenzene	0.387	0.390		0.77	50

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