

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

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

Instrument ID: MSVOA_Y Calibration Date/Time: 06/16/2025 08:31

Lab File ID: VY022695.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	1.300	0.1	-1.66	20
Vinyl Chloride	1.534	1.652		7.69	20
Bromomethane	1.470	1.280		-12.93	20
Chloroethane	1.053	1.092		3.7	20
Trichlorofluoromethane	1.302	1.349		3.61	20
1,1,2-Trichlorotrifluoroethane	0.549	0.554		0.91	20
1,1-Dichloroethene	0.524	0.538		2.67	20
Acetone	0.114	0.137		20.17	20
Carbon Disulfide	1.679	1.608		-4.23	20
Methyl tert-butyl Ether	1.477	1.479		0.14	20
Methylene Chloride	0.645	0.604		-6.36	20
trans-1,2-Dichloroethene	0.587	0.600		2.21	20
1,1-Dichloroethane	1.079	1.150	0.1	6.58	20
2-Butanone	0.164	0.176		7.32	20
Carbon Tetrachloride	0.497	0.538		8.25	20
cis-1,2-Dichloroethene	0.678	0.713		5.16	20
Chloroform	1.069	1.145		7.11	20
1,1,1-Trichloroethane	0.949	1.020		7.48	20
Methylcyclohexane	0.651	0.660		1.38	20
Benzene	1.431	1.539		7.55	20
1,2-Dichloroethane	0.391	0.418		6.91	20
Trichloroethene	0.350	0.380		8.57	20
1,2-Dichloropropane	0.338	0.369		9.17	20
Bromodichloromethane	0.482	0.541		12.24	20
4-Methyl-2-Pentanone	0.233	0.241		3.43	20
Toluene	0.899	0.961		6.9	20
t-1,3-Dichloropropene	0.452	0.480		6.2	20
cis-1,3-Dichloropropene	0.526	0.570		8.36	20
1,1,2-Trichloroethane	0.243	0.255		4.94	20
2-Hexanone	0.156	0.165		5.77	20
Dibromochloromethane	0.308	0.331		7.47	20
Tetrachloroethene	0.430	0.509		18.37	20
Chlorobenzene	1.106	1.172	0.3	5.97	20
Ethyl Benzene	2.052	2.207		7.55	20
m/p-Xylenes	0.778	0.838		7.71	20
o-Xylene	0.729	0.778		6.72	20
Styrene	1.206	1.301		7.88	20
Bromoform	0.198	0.210	0.1	6.06	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
Isopropylbenzene	4.105	4.397		7.11	20
1,1,2,2-Tetrachloroethane	0.674	0.664	0.3	-1.48	20
1,3-Dichlorobenzene	1.755	1.897		8.09	20
1,4-Dichlorobenzene	1.702	1.810		6.34	20
1,2-Dichlorobenzene	1.490	1.586		6.44	20
1,2-Dichloroethane-d4	0.559	0.567		1.43	20
Dibromofluoromethane	0.298	0.316		6.04	20
Toluene-d8	1.206	1.267		5.06	20
4-Bromofluorobenzene	0.359	0.372		3.62	20

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