

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LOCK01

Lab Code: CHEM Case No.: Q1782 SAS No.: Q1782 SDG No.: Q1782

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 10:41

Lab File ID: VX045730.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.703	0.636		-9.53	20
Chloroethane	0.373	0.355		-4.83	20
Trichlorofluoromethane	1.048	1.004		-4.2	20
1,1-Dichloroethene	0.600	0.549		-8.5	20
Acrylonitrile	0.388	0.368		-5.16	20
Acetone	0.375	0.347		-7.47	20
Carbon Disulfide	1.483	1.188		-19.89	20
Methylene Chloride	0.703	0.649		-7.68	20
Vinyl Acetate	1.938	1.908		-1.55	20
2-Butanone	0.550	0.536		-2.55	20
Carbon Tetrachloride	0.518	0.529		2.12	20
cis-1,2-Dichloroethene	0.747	0.682		-8.7	20
Bromochloromethane	0.613	0.580		-5.38	20
Chloroform	1.306	1.240		-5.05	20
1,1,1-Trichloroethane	1.105	1.067		-3.44	20
Benzene	1.463	1.404		-4.03	20
1,2-Dichloropropane	0.365	0.361		-1.1	20
Dibromomethane	0.280	0.275		-1.79	20
Bromodichloromethane	0.560	0.562		0.36	20
4-Methyl-2-Pentanone	0.606	0.640		5.61	20
Toluene	0.885	0.858		-3.05	20
t-1,3-Dichloropropene	0.467	0.511		9.42	20
cis-1,3-Dichloropropene	0.526	0.565		7.41	20
2-Hexanone	0.449	0.475		5.79	20
Dibromochloromethane	0.385	0.398		3.38	20
1,2-Dibromoethane	0.357	0.366		2.52	20
Tetrachloroethene	0.353	0.323		-8.5	20
Chlorobenzene	1.068	1.043	0.3	-2.34	20
1,1,1,2-Tetrachloroethane	0.371	0.368		-0.81	20
Ethyl Benzene	1.914	1.917		0.16	20
m/p-Xylenes	0.696	0.709		1.87	20
o-Xylene	0.686	0.699		1.89	20
Styrene	1.132	1.185		4.68	20
Bromoform	0.277	0.288	0.1	3.97	20
1,1,2,2-Tetrachloroethane	1.407	1.291	0.3	-8.24	20
1,2,3-Trichloropropane	1.220	1.130		-7.38	20
1,4-Dichlorobenzene	1.708	1.635		-4.27	20
1,2-Dichlorobenzene	1.675	1.610		-3.88	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
1,2-Dibromo-3-Chloropropane	0.294	0.301		2.38	20
1,2-Dichloroethane-d4	0.914	0.880		-3.72	20
Dibromofluoromethane	0.355	0.354		-0.28	20
Toluene-d8	1.238	1.226		-0.97	20
4-Bromofluorobenzene	0.451	0.491		8.87	20
Methyl Iodide	0.766	0.690		-9.92	20
trans-1,4-Dichloro-2-butene	0.359	0.351		-2.23	20

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RRF of 1,4-Dioxane = Value should be divide by 1000.