

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LOCK01

Lab Code: CHEM Case No.: Q2344 SAS No.: Q2344 SDG No.: Q2344

Instrument ID: MSVOA_X Calibration Date/Time: 06/18/2025 09:33

Lab File ID: VX046728.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.614	0.631		2.77	20
Chloroethane	0.372	0.378		1.61	20
Trichlorofluoromethane	0.933	0.941		0.86	20
1,1-Dichloroethene	0.552	0.558		1.09	20
Acrylonitrile	0.279	0.257		-7.89	20
Acetone	0.231	0.225		-2.6	20
Carbon Disulfide	1.668	1.541		-7.61	20
Methylene Chloride	0.641	0.606		-5.46	20
Vinyl Acetate	1.529	1.492		-2.42	20
2-Butanone	0.326	0.284		-12.88	20
Carbon Tetrachloride	0.518	0.493		-4.83	20
cis-1,2-Dichloroethene	0.694	0.660		-4.9	20
Bromochloromethane	0.495	0.530		7.07	20
Chloroform	1.092	1.057		-3.2	20
1,1,1-Trichloroethane	0.958	0.905		-5.53	20
Benzene	1.413	1.368		-3.18	20
1,2-Dichloropropane	0.350	0.339		-3.14	20
Dibromomethane	0.252	0.239		-5.16	20
Bromodichloromethane	0.514	0.499		-2.92	20
4-Methyl-2-Pentanone	0.411	0.374		-9	20
Toluene	0.876	0.844		-3.65	20
t-1,3-Dichloropropene	0.477	0.472		-1.05	20
cis-1,3-Dichloropropene	0.541	0.535		-1.11	20
2-Hexanone	0.284	0.256		-9.86	20
Dibromochloromethane	0.385	0.367		-4.68	20
1,2-Dibromoethane	0.332	0.316		-4.82	20
Tetrachloroethene	0.346	0.324		-6.36	20
Chlorobenzene	1.104	1.038	0.3	-5.98	20
1,1,1,2-Tetrachloroethane	0.371	0.355		-4.31	20
Ethyl Benzene	1.929	1.848		-4.2	20
m/p-Xylenes	0.719	0.689		-4.17	20
o-Xylene	0.673	0.658		-2.23	20
Styrene	1.179	1.139		-3.39	20
Bromoform	0.282	0.268	0.1	-4.97	20
1,1,2,2-Tetrachloroethane	1.028	0.964	0.3	-6.23	20
1,2,3-Trichloropropane	0.916	0.901		-1.64	20
1,4-Dichlorobenzene	1.775	1.625		-8.45	20
1,2-Dichlorobenzene	1.615	1.544		-4.4	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	0.203	0.180		-11.33	20
1,2-Dichloroethane-d4	0.692	0.676		-2.31	20
Dibromofluoromethane	0.331	0.340		2.72	20
Toluene-d8	1.189	1.202		1.09	20
4-Bromofluorobenzene	0.443	0.443		0	20
Methyl Iodide	0.642	0.653		1.71	20
trans-1,4-Dichloro-2-butene	0.324	0.297		-8.33	20

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