

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1022 SAS No.: Q1022 SDG No.: Q1022

Instrument ID: MSVOA_X Calibration Date/Time: 01/07/2025 19:37

Lab File ID: VX044613.D Init. Calib. Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:06 12:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.721	0.767	0.1	6.38	50
Vinyl Chloride	0.676	0.734		8.58	50
Bromomethane	0.350	0.372		6.29	50
Chloroethane	0.387	0.385		-0.52	50
Trichlorofluoromethane	1.007	1.105		9.73	50
1,1,2-Trichlorotrifluoroethane	0.577	0.596		3.29	50
1,1-Dichloroethene	0.559	0.569		1.79	50
Acetone	0.254	0.293		15.35	50
Carbon Disulfide	1.157	1.242		7.35	50
Methyl tert-butyl Ether	1.917	2.102		9.65	50
Methylene Chloride	0.648	0.673		3.86	50
trans-1,2-Dichloroethene	0.574	0.581		1.22	50
1,1-Dichloroethane	1.114	1.187	0.1	6.55	50
2-Butanone	0.367	0.441		20.16	50
Carbon Tetrachloride	0.492	0.508		3.25	50
cis-1,2-Dichloroethene	0.700	0.741		5.86	50
Chloroform	1.201	1.263		5.16	50
1,1,1-Trichloroethane	1.011	1.107		9.5	50
Methylcyclohexane	0.566	0.562		-0.71	50
Benzene	1.396	1.418		1.58	50
1,2-Dichloroethane	0.546	0.602		10.26	50
Trichloroethene	0.357	0.344		-3.64	50
1,2-Dichloropropane	0.340	0.353		3.82	50
Bromodichloromethane	0.482	0.530		9.96	50
4-Methyl-2-Pentanone	0.437	0.511		16.93	50
Toluene	0.842	0.870		3.33	50
t-1,3-Dichloropropene	0.460	0.511		11.09	50
cis-1,3-Dichloropropene	0.517	0.555		7.35	50
1,1,2-Trichloroethane	0.330	0.348		5.45	50
2-Hexanone	0.309	0.374		21.04	50
Dibromochloromethane	0.329	0.365		10.94	50
Tetrachloroethene	0.354	0.336		-5.09	50
Chlorobenzene	1.061	1.087	0.3	2.45	50
Ethyl Benzene	1.822	1.948		6.91	50
m/p-Xylenes	0.670	0.721		7.61	50
o-Xylene	0.676	0.707		4.59	50
Styrene	1.081	1.185		9.62	50
Bromoform	0.232	0.258	0.1	11.21	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	3.704	3.898		5.24	50
1,1,2,2-Tetrachloroethane	1.194	1.276	0.3	6.87	50
1,3-Dichlorobenzene	1.628	1.657		1.78	50
1,4-Dichlorobenzene	1.696	1.652		-2.59	50
1,2-Dichlorobenzene	1.645	1.699		3.28	50
1,2-Dichloroethane-d4	0.806	0.902		11.91	50
Dibromofluoromethane	0.343	0.357		4.08	50
Toluene-d8	1.171	1.217		3.93	50
4-Bromofluorobenzene	0.413	0.433		4.84	50

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