

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1773 SAS No.: Q1773 SDG No.: Q1773

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 19:42

Lab File ID: VX045753.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
Chloromethane	0.768	0.720	0.1	-6.25	50
Vinyl Chloride	0.703	0.676		-3.84	50
Bromomethane	0.333	0.302		-9.31	50
Chloroethane	0.373	0.327		-12.33	50
Trichlorofluoromethane	1.048	1.046		-0.19	50
1,1,2-Trichlorotrifluoroethane	0.614	0.606		-1.3	50
1,1-Dichloroethene	0.600	0.580		-3.33	50
Acetone	0.375	0.376		0.27	50
Carbon Disulfide	1.483	1.195		-19.42	50
Methyl tert-butyl Ether	2.100	2.139		1.86	50
Methylene Chloride	0.703	0.684		-2.7	50
trans-1,2-Dichloroethene	0.613	0.586		-4.41	50
1,1-Dichloroethane	1.269	1.257	0.1	-0.95	50
2-Butanone	0.550	0.568		3.27	50
Carbon Tetrachloride	0.518	0.519		0.19	50
cis-1,2-Dichloroethene	0.747	0.724		-3.08	50
Chloroform	1.306	1.320		1.07	50
1,1,1-Trichloroethane	1.105	1.098		-0.63	50
Methylcyclohexane	0.587	0.562		-4.26	50
Benzene	1.463	1.417		-3.14	50
1,2-Dichloroethane	0.604	0.621		2.82	50
Trichloroethene	0.348	0.337		-3.16	50
1,2-Dichloropropane	0.365	0.365		0	50
Bromodichloromethane	0.560	0.566		1.07	50
4-Methyl-2-Pentanone	0.606	0.635		4.78	50
Toluene	0.885	0.864		-2.37	50
t-1,3-Dichloropropene	0.467	0.479		2.57	50
cis-1,3-Dichloropropene	0.526	0.530		0.76	50
1,1,2-Trichloroethane	0.353	0.358		1.42	50
2-Hexanone	0.449	0.466		3.79	50
Dibromochloromethane	0.385	0.396		2.86	50
Tetrachloroethene	0.353	0.335		-5.1	50
Chlorobenzene	1.068	1.068	0.3	0	50
Ethyl Benzene	1.914	1.929		0.78	50
m/p-Xylenes	0.696	0.703		1.01	50
o-Xylene	0.686	0.703		2.48	50
Styrene	1.132	1.186		4.77	50
Bromoform	0.277	0.278	0.1	0.36	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	4.005	3.985		-0.5	50
1,1,2,2-Tetrachloroethane	1.407	1.327	0.3	-5.69	50
1,3-Dichlorobenzene	1.684	1.609		-4.45	50
1,4-Dichlorobenzene	1.708	1.606		-5.97	50
1,2-Dichlorobenzene	1.675	1.636		-2.33	50
1,2-Dichloroethane-d4	0.914	0.966		5.69	50
Dibromofluoromethane	0.355	0.356		0.28	50
Toluene-d8	1.238	1.228		-0.81	50
4-Bromofluorobenzene	0.451	0.467		3.55	50

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