

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1623 SAS No.: Q1623 SDG No.: Q1623

Instrument ID: MSVOA_X Calibration Date/Time: 04/02/2025 10:02

Lab File ID: VX045534.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
Dichlorodifluoromethane	0.748	0.846		13.1	20
Chloromethane	0.768	0.790	0.1	2.9	20
Vinyl Chloride	0.703	0.712		1.3	20
Ethyl Acetate	0.604	0.582		-3.6	20
Bromomethane	0.333	0.317		-4.8	20
Chloroethane	0.373	0.382		2.3	20
Trichlorofluoromethane	1.048	1.047		-0.1	20
1,1,2-Trichlorotrifluoroethane	0.614	0.638		3.9	20
Tert butyl alcohol	0.123	0.119		-3.3	20
1,1-Dichloroethene	0.600	0.594		-1	20
Acrolein	0.169	0.160		-5.5	20
Acrylonitrile	0.388	0.369		-4.9	20
Acetone	0.375	0.405		7.9	20
Carbon Disulfide	1.483	1.570		5.9	20
Methyl tert-butyl Ether	2.100	2.078		-1	20
Methyl Acetate	0.864	0.821		-5	20
Methylene Chloride	0.703	0.669		-4.9	20
trans-1,2-Dichloroethene	0.613	0.605		-1.3	20
Vinyl Acetate	1.938	1.981		2.2	20
1,1-Dichloroethane	1.269	1.222	0.1	-3.7	20
Cyclohexane	1.122	1.103		-1.7	20
2-Butanone	0.550	0.551		0.2	20
Carbon Tetrachloride	0.518	0.536		3.4	20
2,2-Dichloropropane	0.820	0.949		15.8	20
cis-1,2-Dichloroethene	0.747	0.720		-3.6	20
Bromochloromethane	0.613	0.556		-9.3	20
Chloroform	1.306	1.251		-4.2	20
1,1,1-Trichloroethane	1.105	1.091		-1.3	20
Methylcyclohexane	0.587	0.637		8.6	20
1,1-Dichloropropene	0.479	0.484		1	20
Benzene	1.463	1.434		-1.9	20
1,2-Dichloroethane	0.604	0.595		-1.5	20
Trichloroethene	0.348	0.348		0.1	20
1,2-Dichloropropane	0.365	0.362		-0.9	20
Dibromomethane	0.280	0.280		-0.2	20
Bromodichloromethane	0.560	0.562		0.4	20
4-Methyl-2-Pentanone	0.606	0.611		0.7	20
Toluene	0.885	0.864		-2.4	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
t-1,3-Dichloropropene	0.467	0.519		11.2	20
cis-1,3-Dichloropropene	0.526	0.572		8.7	20
1,1,2-Trichloroethane	0.353	0.338		-4.2	20
1,3-Dichloropropane	0.614	0.602		-2	20
2-Chloroethyl Vinyl ether	0.276	0.280		1.6	20
2-Hexanone	0.449	0.462		2.8	20
Dibromochloromethane	0.385	0.406		5.6	20
1,2-Dibromoethane	0.357	0.358		0.3	20
Tetrachloroethene	0.353	0.345		-2.2	20
Chlorobenzene	1.068	1.083	0.3	1.4	20
1,1,1,2-Tetrachloroethane	0.371	0.376		1.4	20
Hexachloroethane	0.571	0.610		6.9	20
Ethyl Benzene	1.914	1.972		3	20
m/p-Xylenes	0.696	0.720		3.4	20
o-Xylene	0.686	0.704		2.6	20
Styrene	1.132	1.188		5	20
Bromoform	0.277	0.302	0.1	9	20
Isopropylbenzene	4.005	3.984		-0.5	20
1,1,2,2-Tetrachloroethane	1.407	1.315	0.3	-6.5	20
1,2,3-Trichloropropane	1.220	1.166		-4.4	20
Bromobenzene	0.925	0.900		-2.7	20
n-propylbenzene	4.613	4.741		2.8	20
2-Chlorotoluene	2.949	2.856		-3.2	20
1,3,5-Trimethylbenzene	3.312	3.350		1.1	20
4-Chlorotoluene	3.288	3.261		-0.8	20
tert-Butylbenzene	3.279	3.316		1.1	20
1,2,4-Trimethylbenzene	3.324	3.357		1	20
sec-Butylbenzene	4.027	4.173		3.6	20
p-Isopropyltoluene	3.320	3.466		4.4	20
1,3-Dichlorobenzene	1.684	1.667		-1	20
1,4-Dichlorobenzene	1.708	1.671		-2.2	20
n-Butylbenzene	2.879	3.206		11.4	20
1,2-Dichlorobenzene	1.675	1.642		-2	20
1,2-Dibromo-3-Chloropropane	0.294	0.304		3.3	20
1,2,4-Trichlorobenzene	0.932	0.984		5.5	20
Hexachlorobutadiene	0.402	0.418		4.2	20
Naphthalene	3.469	3.527		1.7	20
1,2,3-Trichlorobenzene	0.976	1.003		2.7	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.914	0.833		-9	20
Dibromofluoromethane	0.355	0.339		-4.5	20
Toluene-d8	1.238	1.178		-4.9	20
4-Bromofluorobenzene	0.451	0.440		-2.4	20

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