

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG No.: Q1888

Instrument ID: MSVOA_X Calibration Date/Time: 04/25/2025 09:42

Lab File ID: VX045932.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	0.743		-0.67	20
Chloromethane	0.768	0.761	0.1	-0.91	20
Vinyl Chloride	0.703	0.693		-1.42	20
Ethyl Acetate	0.604	0.645		6.79	20
Bromomethane	0.333	0.329		-1.2	20
Chloroethane	0.373	0.398		6.7	20
Trichlorofluoromethane	1.048	1.139		8.68	20
1,1,2-Trichlorotrifluoroethane	0.614	0.686		11.73	20
Tert butyl alcohol	0.123	0.127		3.25	20
1,1-Dichloroethene	0.600	0.632		5.33	20
Acrolein	0.169	0.210		24.26	20
Acrylonitrile	0.388	0.392		1.03	20
Acetone	0.375	0.378		0.8	20
Carbon Disulfide	1.483	1.387		-6.47	20
Methyl tert-butyl Ether	2.100	2.312		10.1	20
Methyl Acetate	0.864	1.003		16.09	20
Methylene Chloride	0.703	0.726		3.27	20
trans-1,2-Dichloroethene	0.613	0.636		3.75	20
Vinyl Acetate	1.938	2.108		8.77	20
1,1-Dichloroethane	1.269	1.326	0.1	4.49	20
Cyclohexane	1.122	1.178		4.99	20
2-Butanone	0.550	0.564		2.55	20
Carbon Tetrachloride	0.518	0.611		17.95	20
2,2-Dichloropropane	0.820	1.047		27.68	20
cis-1,2-Dichloroethene	0.747	0.775		3.75	20
Bromochloromethane	0.613	0.571		-6.85	20
Chloroform	1.306	1.390		6.43	20
1,1,1-Trichloroethane	1.105	1.204		8.96	20
Methylcyclohexane	0.587	0.693		18.06	20
1,1-Dichloropropene	0.479	0.536		11.9	20
Benzene	1.463	1.603		9.57	20
1,2-Dichloroethane	0.604	0.697		15.4	20
Trichloroethene	0.348	0.387		11.21	20
1,2-Dichloropropane	0.365	0.411		12.6	20
Dibromomethane	0.280	0.312		11.43	20
Bromodichloromethane	0.560	0.640		14.29	20
4-Methyl-2-Pentanone	0.606	0.680		12.21	20
Toluene	0.885	0.980		10.73	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	0.574		22.91	20
cis-1,3-Dichloropropene	0.526	0.644		22.43	20
1,1,2-Trichloroethane	0.353	0.393		11.33	20
1,3-Dichloropropane	0.614	0.684		11.4	20
2-Chloroethyl Vinyl ether	0.276	0.312		13.04	20
2-Hexanone	0.449	0.502		11.8	20
Dibromochloromethane	0.385	0.456		18.44	20
1,2-Dibromoethane	0.357	0.406		13.73	20
Tetrachloroethene	0.353	0.432		22.38	20
Chlorobenzene	1.068	1.219	0.3	14.14	20
1,1,1,2-Tetrachloroethane	0.371	0.435		17.25	20
Hexachloroethane	0.571	0.690		20.84	20
Ethyl Benzene	1.914	2.248		17.45	20
m/p-Xylenes	0.696	0.821		17.96	20
o-Xylene	0.686	0.810		18.08	20
Styrene	1.132	1.359		20.05	20
Bromoform	0.277	0.331	0.1	19.5	20
Isopropylbenzene	4.005	4.502		12.41	20
1,1,2,2-Tetrachloroethane	1.407	1.442	0.3	2.49	20
1,2,3-Trichloropropane	1.220	1.293		5.98	20
Bromobenzene	0.925	1.002		8.32	20
n-propylbenzene	4.613	5.257		13.96	20
2-Chlorotoluene	2.949	3.210		8.85	20
1,3,5-Trimethylbenzene	3.312	3.819		15.31	20
4-Chlorotoluene	3.288	3.755		14.2	20
tert-Butylbenzene	3.279	3.713		13.24	20
1,2,4-Trimethylbenzene	3.324	3.855		15.98	20
sec-Butylbenzene	4.027	4.805		19.32	20
p-Isopropyltoluene	3.320	3.953		19.07	20
1,3-Dichlorobenzene	1.684	1.897		12.65	20
1,4-Dichlorobenzene	1.708	1.908		11.71	20
n-Butylbenzene	2.879	3.606		25.25	20
1,2-Dichlorobenzene	1.675	1.878		12.12	20
1,2-Dibromo-3-Chloropropane	0.294	0.331		12.59	20
1,2,4-Trichlorobenzene	0.932	1.099		17.92	20
Hexachlorobutadiene	0.402	0.479		19.15	20
Naphthalene	3.469	3.912		12.77	20
1,2,3-Trichlorobenzene	0.976	1.126		15.37	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.914	0.933		2.08	20
Dibromofluoromethane	0.355	0.389		9.58	20
Toluene-d8	1.238	1.280		3.39	20
4-Bromofluorobenzene	0.451	0.509		12.86	20

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