

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2123 SAS No.: Q2123 SDG No.: Q2123

Instrument ID: MSVOA_X Calibration Date/Time: 05/23/2025 09:24

Lab File ID: VX046331.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.718		-6.14	20
Chloromethane	0.742	0.654	0.1	-11.86	20
Vinyl Chloride	0.691	0.592		-14.33	20
Ethyl Acetate	0.598	0.630		5.35	20
Bromomethane	0.320	0.288		-10	20
Chloroethane	0.369	0.378		2.44	20
Trichlorofluoromethane	1.021	0.993		-2.74	20
1,1,2-Trichlorotrifluoroethane	0.632	0.618		-2.21	20
Tert butyl alcohol	0.131	0.143		9.16	20
1,1-Dichloroethene	0.593	0.550		-7.25	20
Acrolein	0.149	0.160		7.38	20
Acrylonitrile	0.374	0.404		8.02	20
Acetone	0.374	0.393		5.08	20
Carbon Disulfide	1.406	1.170		-16.78	20
Methyl tert-butyl Ether	2.079	2.197		5.68	20
Methyl Acetate	0.867	1.100		26.87	20
Methylene Chloride	0.716	0.663		-7.4	20
trans-1,2-Dichloroethene	0.596	0.560		-6.04	20
Vinyl Acetate	1.925	2.026		5.25	20
1,1-Dichloroethane	1.219	1.239	0.1	1.64	20
Cyclohexane	1.111	1.026		-7.65	20
2-Butanone	0.543	0.592		9.02	20
Carbon Tetrachloride	0.544	0.551		1.29	20
2,2-Dichloropropane	0.954	0.995		4.3	20
cis-1,2-Dichloroethene	0.718	0.706		-1.67	20
Bromochloromethane	0.587	0.602		2.56	20
Chloroform	1.271	1.286		1.18	20
1,1,1-Trichloroethane	1.101	1.128		2.45	20
Methylcyclohexane	0.623	0.597		-4.17	20
1,1-Dichloropropene	0.484	0.468		-3.31	20
Benzene	1.417	1.421		0.28	20
1,2-Dichloroethane	0.612	0.628		2.61	20
Trichloroethene	0.341	0.343		0.59	20
1,2-Dichloropropane	0.352	0.374		6.25	20
Dibromomethane	0.278	0.286		2.88	20
Bromodichloromethane	0.547	0.595		8.77	20
4-Methyl-2-Pentanone	0.605	0.677		11.9	20
Toluene	0.869	0.878		1.04	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	0.487	0.542		11.29	20
cis-1,3-Dichloropropene	0.538	0.591		9.85	20
1,1,2-Trichloroethane	0.343	0.366		6.71	20
1,3-Dichloropropane	0.615	0.639		3.9	20
2-Chloroethyl Vinyl ether	0.278	0.299		7.55	20
2-Hexanone	0.448	0.511		14.06	20
Dibromochloromethane	0.376	0.417		10.9	20
1,2-Dibromoethane	0.356	0.377		5.9	20
Tetrachloroethene	0.354	0.357		0.85	20
Chlorobenzene	1.094	1.084	0.3	-0.91	20
1,1,1,2-Tetrachloroethane	0.374	0.389		4.01	20
Hexachloroethane	0.585	0.621		6.15	20
Ethyl Benzene	1.929	1.985		2.9	20
m/p-Xylenes	0.706	0.719		1.84	20
o-Xylene	0.688	0.714		3.78	20
Styrene	1.127	1.208		7.19	20
Bromoform	0.281	0.310	0.1	10.32	20
Isopropylbenzene	3.893	3.986		2.39	20
1,1,2,2-Tetrachloroethane	1.364	1.366	0.3	0.15	20
1,2,3-Trichloropropane	1.204	1.228		1.99	20
Bromobenzene	0.904	0.894		-1.11	20
n-propylbenzene	4.526	4.678		3.36	20
2-Chlorotoluene	2.919	2.868		-1.75	20
1,3,5-Trimethylbenzene	3.252	3.374		3.75	20
4-Chlorotoluene	3.238	3.296		1.82	20
tert-Butylbenzene	3.276	3.334		1.77	20
1,2,4-Trimethylbenzene	3.293	3.388		2.88	20
sec-Butylbenzene	4.022	4.204		4.53	20
p-Isopropyltoluene	3.320	3.484		4.94	20
1,3-Dichlorobenzene	1.649	1.650		0.06	20
1,4-Dichlorobenzene	1.684	1.672		-0.71	20
n-Butylbenzene	2.912	3.156		8.38	20
1,2-Dichlorobenzene	1.655	1.688		1.99	20
1,2-Dibromo-3-Chloropropane	0.302	0.333		10.27	20
1,2,4-Trichlorobenzene	0.951	0.994		4.52	20
Hexachlorobutadiene	0.415	0.445		7.23	20
Naphthalene	3.487	3.635		4.24	20
1,2,3-Trichlorobenzene	0.981	1.006		2.55	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.932	0.966		3.65	20
Dibromofluoromethane	0.360	0.384		6.67	20
Toluene-d8	1.246	1.307		4.9	20
4-Bromofluorobenzene	0.478	0.514		7.53	20

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