

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1526 SAS No.: Q1526 SDG No.: Q1526

Instrument ID: MSVOA_X Calibration Date/Time: 03/13/2025 10:24

Lab File ID: VX045257.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.644		2.38	20
Chloromethane	0.770	0.743	0.1	-3.51	20
Vinyl Chloride	0.764	0.682		-10.73	20
Ethyl Acetate	0.591	0.593		0.34	20
Bromomethane	0.300	0.286		-4.67	20
Chloroethane	0.352	0.332		-5.68	20
Trichlorofluoromethane	1.012	0.989		-2.27	20
1,1,2-Trichlorotrifluoroethane	0.581	0.648		11.53	20
Tert butyl alcohol	0.151	0.135		-10.6	20
1,1-Dichloroethene	0.614	0.598		-2.61	20
Acrolein	0.174	0.158		-9.19	20
Acrylonitrile	0.404	0.405		0.25	20
Acetone	0.369	0.387		4.88	20
Carbon Disulfide	1.636	1.415		-13.51	20
Methyl tert-butyl Ether	2.061	2.046		-0.73	20
Methyl Acetate	0.888	1.022		15.09	20
Methylene Chloride	0.731	0.701		-4.1	20
trans-1,2-Dichloroethene	0.607	0.592		-2.47	20
Vinyl Acetate	1.856	1.894		2.05	20
1,1-Dichloroethane	1.247	1.235	0.1	-0.96	20
Cyclohexane	1.082	1.068		-1.29	20
2-Butanone	0.555	0.579		4.32	20
Carbon Tetrachloride	0.465	0.487		4.73	20
2,2-Dichloropropane	0.585	0.852		45.64	20
cis-1,2-Dichloroethene	0.749	0.741		-1.07	20
Bromochloromethane	0.594	0.614		3.37	20
Chloroform	1.239	1.240		0.08	20
1,1,1-Trichloroethane	1.000	1.009		0.9	20
Methylcyclohexane	0.549	0.601		9.47	20
1,1-Dichloropropene	0.459	0.464		1.09	20
Benzene	1.448	1.463		1.04	20
1,2-Dichloroethane	0.521	0.548		5.18	20
Trichloroethene	0.340	0.339		-0.29	20
1,2-Dichloropropane	0.372	0.374		0.54	20
Dibromomethane	0.263	0.277		5.32	20
Bromodichloromethane	0.516	0.542		5.04	20
4-Methyl-2-Pentanone	0.587	0.648		10.39	20
Toluene	0.849	0.875		3.06	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	0.431	0.483		12.06	20
cis-1,3-Dichloropropene	0.503	0.554		10.14	20
1,1,2-Trichloroethane	0.350	0.354		1.14	20
1,3-Dichloropropane	0.605	0.621		2.64	20
2-Chloroethyl Vinyl ether	0.259	0.306		18.15	20
2-Hexanone	0.425	0.478		12.47	20
Dibromochloromethane	0.366	0.391		6.83	20
1,2-Dibromoethane	0.349	0.361		3.44	20
Tetrachloroethene	0.320	0.334		4.38	20
Chlorobenzene	1.058	1.109	0.3	4.82	20
1,1,1,2-Tetrachloroethane	0.352	0.380		7.95	20
Hexachloroethane	0.568	0.592		4.22	20
Ethyl Benzene	1.843	1.965		6.62	20
m/p-Xylenes	0.675	0.722		6.96	20
o-Xylene	0.681	0.710		4.26	20
Styrene	1.101	1.219		10.72	20
Bromoform	0.266	0.304	0.1	14.29	20
Isopropylbenzene	3.903	3.982		2.02	20
1,1,2,2-Tetrachloroethane	1.432	1.417	0.3	-1.05	20
1,2,3-Trichloropropane	1.164	1.157		-0.6	20
Bromobenzene	0.921	0.924		0.33	20
n-propylbenzene	4.409	4.662		5.74	20
2-Chlorotoluene	2.808	2.790		-0.64	20
1,3,5-Trimethylbenzene	3.156	3.286		4.12	20
4-Chlorotoluene	3.060	3.229		5.52	20
tert-Butylbenzene	3.242	3.328		2.65	20
1,2,4-Trimethylbenzene	3.175	3.370		6.14	20
sec-Butylbenzene	3.884	4.190		7.88	20
p-Isopropyltoluene	3.139	3.479		10.83	20
1,3-Dichlorobenzene	1.643	1.687		2.68	20
1,4-Dichlorobenzene	1.662	1.676		0.84	20
n-Butylbenzene	2.703	3.179		17.61	20
1,2-Dichlorobenzene	1.648	1.706		3.52	20
1,2-Dibromo-3-Chloropropane	0.279	0.295		5.74	20
1,2,4-Trichlorobenzene	0.938	1.026		9.38	20
Hexachlorobutadiene	0.385	0.431		11.95	20
Naphthalene	3.605	3.823		6.05	20
1,2,3-Trichlorobenzene	0.990	1.070		8.08	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.795	0.832		4.65	20
Dibromofluoromethane	0.334	0.357		6.89	20
Toluene-d8	1.212	1.259		3.88	20
4-Bromofluorobenzene	0.402	0.458		13.93	20

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