

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: MSVOA_Y Calibration Date/Time: 03/25/2025 11:31

Lab File ID: VY021628.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.459	0.409		-10.89	20
Chloromethane	0.647	0.618	0.1	-4.48	20
Vinyl Chloride	0.707	0.731		3.39	20
Bromomethane	0.511	0.471		-7.83	20
Chloroethane	0.467	0.518		10.92	20
Trichlorofluoromethane	0.987	1.123		13.78	20
1,1,2-Trichlorotrifluoroethane	0.563	0.573		1.78	20
1,1-Dichloroethene	0.514	0.502		-2.34	20
Acetone	0.115	0.123		6.96	20
Carbon Disulfide	1.610	1.406		-12.67	20
Methyl tert-butyl Ether	1.302	1.275		-2.07	20
Methyl Acetate	0.256	0.321		25.39	20
Methylene Chloride	0.605	0.563		-6.94	20
trans-1,2-Dichloroethene	0.575	0.566		-1.57	20
1,1-Dichloroethane	1.056	1.067	0.1	1.04	20
Cyclohexane	0.990	0.899		-9.19	20
2-Butanone	0.159	0.156		-1.89	20
Carbon Tetrachloride	0.592	0.634		7.09	20
cis-1,2-Dichloroethene	0.653	0.660		1.07	20
Bromochloromethane	0.443	0.444		0.23	20
Chloroform	1.096	1.112		1.46	20
1,1,1-Trichloroethane	1.004	1.022		1.79	20
Methylcyclohexane	0.631	0.652		3.33	20
Benzene	1.515	1.565		3.3	20
1,2-Dichloroethane	0.424	0.426		0.47	20
Trichloroethene	0.383	0.406		6.01	20
1,2-Dichloropropane	0.361	0.382		5.82	20
Bromodichloromethane	0.533	0.566		6.19	20
4-Methyl-2-Pentanone	0.228	0.230		0.88	20
Toluene	0.955	1.011		5.86	20
t-1,3-Dichloropropene	0.470	0.496		5.53	20
cis-1,3-Dichloropropene	0.557	0.581		4.31	20
1,1,2-Trichloroethane	0.263	0.276		4.94	20
2-Hexanone	0.151	0.160		5.96	20
Dibromochloromethane	0.360	0.376		4.44	20
1,2-Dibromoethane	0.248	0.249		0.4	20
Tetrachloroethene	0.407	0.486		19.41	20
Chlorobenzene	1.181	1.247	0.3	5.59	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
Ethyl Benzene	2.072	2.245		8.35	20
m/p-Xylenes	0.787	0.860		9.28	20
o-Xylene	0.725	0.792		9.24	20
Styrene	1.203	1.337		11.14	20
Bromoform	0.233	0.249	0.1	6.87	20
Isopropylbenzene	3.939	4.241		7.67	20
1,1,2,2-Tetrachloroethane	0.695	0.672	0.3	-3.31	20
1,3-Dichlorobenzene	1.834	1.893		3.22	20
1,4-Dichlorobenzene	1.794	1.848		3.01	20
1,2-Dichlorobenzene	1.572	1.638		4.2	20
1,2-Dibromo-3-Chloropropane	0.104	0.103		-0.96	20
1,2,4-Trichlorobenzene	0.859	0.916		6.64	20
1,2,3-Trichlorobenzene	0.722	0.763		5.68	20
1,2-Dichloroethane-d4	0.528	0.552		4.55	20
Dibromofluoromethane	0.329	0.371		12.77	20
Toluene-d8	1.244	1.383		11.17	20
4-Bromofluorobenzene	0.423	0.468		10.64	20

All other compounds must meet a minimum RRF of 0.010.
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