

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: RUTW01

Lab Code: CHEM Case No.: Q1216 SAS No.: Q1216 SDG No.: Q1216

Instrument ID: MSVOA_Y Calibration Date/Time: 02/03/2025 11:43

Lab File ID: VY021023.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.445		-0.22	
Chloromethane	0.440	0.421		-4.32	
Vinyl Chloride	0.443	0.424		-4.29	
Bromomethane	0.274	0.258		-5.84	
Chloroethane	0.263	0.255		-3.04	
Trichlorofluoromethane	0.806	0.789		-2.11	
1,1,2-Trichlorotrifluoroethane	0.506	0.494		-2.37	
tert butyl alcohol	0.035	0.032		-8.57	
1,1-Dichloroethene	0.477	0.469		-1.68	
Acetone	0.080	0.077		-3.75	
Carbon Disulfide	1.495	1.475		-1.34	
Methyl tert-butyl Ether	1.205	1.216		0.91	
Methyl Acetate	0.280	0.287		2.5	
Methylene Chloride	0.497	0.485		-2.41	
trans-1,2-Dichloroethene	0.525	0.522		-0.57	
1,1-Dichloroethane	0.970	0.947		-2.37	
Cyclohexane	0.874	0.827		-5.38	
2-Butanone	0.131	0.135		3.05	
Carbon Tetrachloride	0.555	0.547		-1.44	
cis-1,2-Dichloroethene	0.604	0.599		-0.83	
Bromochloromethane	0.384	0.413		7.55	
Chloroform	0.997	0.982		-1.5	
1,1,1-Trichloroethane	0.927	0.912		-1.62	
Methylcyclohexane	0.581	0.588		1.21	
Benzene	1.393	1.378		-1.08	
1,2-Dichloroethane	0.386	0.379		-1.81	
Trichloroethene	0.360	0.349		-3.06	
1,2-Dichloropropane	0.331	0.327		-1.21	
Bromodichloromethane	0.491	0.482		-1.83	
4-Methyl-2-Pentanone	0.208	0.216		3.85	
Toluene	0.875	0.876		0.11	
t-1,3-Dichloropropene	0.441	0.449		1.81	
cis-1,3-Dichloropropene	0.522	0.525		0.57	
1,1,2-Trichloroethane	0.237	0.235		-0.84	
2-Hexanone	0.134	0.144		7.46	
Dibromochloromethane	0.333	0.329		-1.2	
1,2-Dibromoethane	0.222	0.225		1.35	
Tetrachloroethene	0.371	0.361		-2.69	

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
Chlorobenzene	1.113	1.080		-2.96	
Ethyl Benzene	1.969	1.943		-1.32	
m/p-Xylenes	0.737	0.733		-0.54	
o-Xylene	0.687	0.681		-0.87	
Styrene	1.145	1.156		0.96	
Bromoform	0.220	0.216		-1.82	
Isopropylbenzene	3.906	3.809		-2.48	
1,1,2,2-Tetrachloroethane	0.650	0.632		-2.77	
1,3-Dichlorobenzene	1.740	1.683		-3.28	
1,4-Dichlorobenzene	1.714	1.665		-2.86	
1,2-Dichlorobenzene	1.510	1.460		-3.31	
1,2-Dibromo-3-Chloropropane	0.097	0.097		0	
1,2,4-Trichlorobenzene	0.841	0.875		4.04	
1,2,3-Trichlorobenzene	0.700	0.733		4.71	
1,2-Dichloroethane-d4	0.512	0.503		-1.76	
Dibromofluoromethane	0.320	0.313		-2.19	
Toluene-d8	1.220	1.202		-1.48	
4-Bromofluorobenzene	0.399	0.403		1	

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