

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: MSVOA_Y Calibration Date/Time: 05/02/2025 10:56

Lab File ID: VY022119.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.426	0.371		-12.91	20
Chloromethane	0.607	0.522	0.1	-14	20
Vinyl Chloride	0.745	0.656		-11.95	20
Bromomethane	0.642	0.557		-13.24	20
Chloroethane	0.508	0.453		-10.83	20
Trichlorofluoromethane	0.983	0.881		-10.38	20
1,1,2-Trichlorotrifluoroethane	0.533	0.498		-6.57	20
1,1-Dichloroethene	0.497	0.477		-4.02	20
Acetone	0.070	0.061		-12.86	20
Carbon Disulfide	1.585	1.399		-11.73	20
Methyl tert-butyl Ether	1.113	1.212		8.9	20
Methyl Acetate	0.216	0.267		23.61	20
Methylene Chloride	0.584	0.557		-4.62	20
trans-1,2-Dichloroethene	0.557	0.540		-3.05	20
1,1-Dichloroethane	0.893	0.872	0.1	-2.35	20
Cyclohexane	0.763	0.697		-8.65	20
2-Butanone	0.105	0.104		-0.95	20
Carbon Tetrachloride	0.530	0.522		-1.51	20
cis-1,2-Dichloroethene	0.622	0.636		2.25	20
Bromochloromethane	0.347	0.340		-2.02	20
Chloroform	0.990	1.003		1.31	20
1,1,1-Trichloroethane	0.896	0.912		1.79	20
Methylcyclohexane	0.558	0.540		-3.23	20
Benzene	1.387	1.341		-3.32	20
1,2-Dichloroethane	0.343	0.350		2.04	20
Trichloroethene	0.384	0.376		-2.08	20
1,2-Dichloropropane	0.307	0.300		-2.28	20
Bromodichloromethane	0.480	0.486		1.25	20
4-Methyl-2-Pentanone	0.160	0.168		5	20
Toluene	0.898	0.899		0.11	20
t-1,3-Dichloropropene	0.411	0.424		3.16	20
cis-1,3-Dichloropropene	0.489	0.493		0.82	20
1,1,2-Trichloroethane	0.256	0.256		0	20
2-Hexanone	0.106	0.112		5.66	20
Dibromochloromethane	0.355	0.359		1.13	20
1,2-Dibromoethane	0.242	0.246		1.65	20
Tetrachloroethene	0.472	0.466		-1.27	20
Chlorobenzene	1.118	1.109	0.3	-0.81	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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Ethyl Benzene	1.829	1.865		1.97	20
m/p-Xylenes	0.728	0.741		1.79	20
o-Xylene	0.671	0.700		4.32	20
Styrene	1.126	1.184		5.15	20
Bromoform	0.229	0.235	0.1	2.62	20
Isopropylbenzene	3.341	3.620		8.35	20
1,1,2,2-Tetrachloroethane	0.563	0.579	0.3	2.84	20
1,3-Dichlorobenzene	1.714	1.718		0.23	20
1,4-Dichlorobenzene	1.698	1.699		0.06	20
1,2-Dichlorobenzene	1.495	1.533		2.54	20
1,2-Dibromo-3-Chloropropane	0.090	0.095		5.56	20
1,2,4-Trichlorobenzene	0.847	0.904		6.73	20
1,2,3-Trichlorobenzene	0.731	0.791		8.21	20
1,2-Dichloroethane-d4	0.462	0.449		-2.81	20
Dibromofluoromethane	0.330	0.313		-5.15	20
Toluene-d8	1.245	1.174		-5.7	20
4-Bromofluorobenzene	0.419	0.412		-1.67	20

All other compounds must meet a minimum RRF of 0.010.
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