

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1664 SAS No.: Q1664 SDG No.: Q1664

Instrument ID: MSVOA_Y Calibration Date/Time: 03/28/2025 10:42

Lab File ID: VY021682.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.530		2.32	20
Chloromethane	0.729	0.818	0.1	12.21	20
Vinyl Chloride	0.824	0.916		11.16	20
Bromomethane	0.562	0.598		6.41	20
Chloroethane	0.539	0.606		12.43	20
Trichlorofluoromethane	1.056	1.189		12.6	20
1,1,2-Trichlorotrifluoroethane	0.557	0.578		3.77	20
1,1-Dichloroethene	0.524	0.560		6.87	20
Acetone	0.111	0.101		-9.01	20
Carbon Disulfide	1.727	1.890		9.44	20
Methyl tert-butyl Ether	1.306	1.429		9.42	20
Methyl Acetate	0.275	0.325		18.18	20
Methylene Chloride	0.626	0.628		0.32	20
trans-1,2-Dichloroethene	0.577	0.638		10.57	20
1,1-Dichloroethane	1.049	1.156	0.1	10.2	20
Cyclohexane	0.956	0.986		3.14	20
2-Butanone	0.158	0.168		6.33	20
Carbon Tetrachloride	0.566	0.608		7.42	20
cis-1,2-Dichloroethene	0.649	0.724		11.56	20
Bromochloromethane	0.442	0.496		12.22	20
Chloroform	1.091	1.205		10.45	20
1,1,1-Trichloroethane	0.986	1.064		7.91	20
Methylcyclohexane	0.590	0.632		7.12	20
Benzene	1.479	1.639		10.82	20
1,2-Dichloroethane	0.417	0.451		8.15	20
Trichloroethene	0.377	0.401		6.37	20
1,2-Dichloropropane	0.350	0.389		11.14	20
Bromodichloromethane	0.523	0.575		9.94	20
4-Methyl-2-Pentanone	0.230	0.259		12.61	20
Toluene	0.923	1.039		12.57	20
t-1,3-Dichloropropene	0.465	0.520		11.83	20
cis-1,3-Dichloropropene	0.548	0.601		9.67	20
1,1,2-Trichloroethane	0.260	0.287		10.39	20
2-Hexanone	0.153	0.174		13.73	20
Dibromochloromethane	0.355	0.395		11.27	20
1,2-Dibromoethane	0.244	0.268		9.84	20
Tetrachloroethene	0.455	0.464		1.98	20
Chlorobenzene	1.146	1.234	0.3	7.68	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	1.965	2.191		11.5	20
m/p-Xylenes	0.753	0.844		12.09	20
o-Xylene	0.695	0.781		12.37	20
Styrene	1.158	1.332		15.03	20
Bromoform	0.232	0.258	0.1	11.21	20
Isopropylbenzene	3.714	4.065		9.45	20
1,1,2,2-Tetrachloroethane	0.668	0.704	0.3	5.39	20
1,3-Dichlorobenzene	1.757	1.877		6.83	20
1,4-Dichlorobenzene	1.736	1.863		7.32	20
1,2-Dichlorobenzene	1.529	1.661		8.63	20
1,2-Dibromo-3-Chloropropane	0.103	0.106		2.91	20
1,2,4-Trichlorobenzene	0.829	0.880		6.15	20
1,2,3-Trichlorobenzene	0.707	0.766		8.35	20
1,2-Dichloroethane-d4	0.542	0.600		10.7	20
Dibromofluoromethane	0.324	0.359		10.8	20
Toluene-d8	1.234	1.374		11.35	20
4-Bromofluorobenzene	0.417	0.467		11.99	20

All other compounds must meet a minimum RRF of 0.010.
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