

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1939 SAS No.: Q1939 SDG No.: Q1939

Instrument ID: MSVOA_N Calibration Date/Time: 05/09/2025 11:00

Lab File ID: VN086553.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.593	0.554		-6.58	20
Chloromethane	0.861	0.818	0.1	-4.99	20
Vinyl Chloride	0.822	0.720		-12.41	20
Bromomethane	0.370	0.458		23.78	20
Chloroethane	0.550	0.502		-8.73	20
Trichlorofluoromethane	0.911	0.850		-6.7	20
1,1,2-Trichlorotrifluoroethane	0.551	0.499		-9.44	20
1,1-Dichloroethene	0.588	0.531		-9.69	20
Acetone	0.290	0.255		-12.07	20
Carbon Disulfide	1.762	1.520		-13.73	20
Methyl tert-butyl Ether	2.163	2.212		2.27	20
Methyl Acetate	0.870	0.693		-20.34	20
Methylene Chloride	0.670	0.700		4.48	20
trans-1,2-Dichloroethene	0.615	0.619		0.65	20
1,1-Dichloroethane	1.201	1.188	0.1	-1.08	20
Cyclohexane	1.175	0.915		-22.13	20
2-Butanone	0.451	0.421		-6.65	20
Carbon Tetrachloride	0.441	0.427		-3.17	20
cis-1,2-Dichloroethene	0.764	0.788		3.14	20
Bromochloromethane	0.509	0.572		12.38	20
Chloroform	1.180	1.227		3.98	20
1,1,1-Trichloroethane	1.009	0.980		-2.87	20
Methylcyclohexane	0.551	0.458		-16.88	20
Benzene	1.485	1.483		-0.14	20
1,2-Dichloroethane	0.474	0.505		6.54	20
Trichloroethene	0.352	0.355		0.85	20
1,2-Dichloropropane	0.364	0.364		0	20
Bromodichloromethane	0.500	0.535		7	20
4-Methyl-2-Pentanone	0.500	0.476		-4.8	20
Toluene	0.927	0.941		1.51	20
t-1,3-Dichloropropene	0.558	0.593		6.27	20
cis-1,3-Dichloropropene	0.613	0.613		0	20
1,1,2-Trichloroethane	0.333	0.363		9.01	20
2-Hexanone	0.371	0.351		-5.39	20
Dibromochloromethane	0.366	0.411		12.3	20
1,2-Dibromoethane	0.336	0.379		12.8	20
Tetrachloroethene	0.385	0.377		-2.08	20
Chlorobenzene	1.116	1.131	0.3	1.34	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	2.014	1.922		-4.57	20
m/p-Xylenes	0.754	0.750		-0.53	20
o-Xylene	0.746	0.750		0.54	20
Styrene	1.243	1.284		3.3	20
Bromoform	0.277	0.292	0.1	5.41	20
Isopropylbenzene	4.090	3.486		-14.77	20
1,1,2,2-Tetrachloroethane	1.176	1.097	0.3	-6.72	20
1,3-Dichlorobenzene	1.704	1.686		-1.06	20
1,4-Dichlorobenzene	1.716	1.692		-1.4	20
1,2-Dichlorobenzene	1.652	1.638		-0.85	20
1,2-Dibromo-3-Chloropropane	0.237	0.205		-13.5	20
1,2,4-Trichlorobenzene	0.791	0.758		-4.17	20
1,2,3-Trichlorobenzene	0.749	0.716		-4.41	20
1,2-Dichloroethane-d4	0.725	0.756		4.28	20
Dibromofluoromethane	0.232	0.299		28.88	20
Toluene-d8	1.240	1.213		-2.18	20
4-Bromofluorobenzene	0.452	0.471		4.2	20

All other compounds must meet a minimum RRF of 0.010.
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