

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1622 SAS No.: Q1622 SDG No.: Q1622

Instrument ID: MSVOA_N Calibration Date/Time: 03/24/2025 12:03

Lab File ID: VN086065.D Init. Calib. Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:09

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.662	0.632		-4.53	20
Chloromethane	0.581	0.530	0.1	-8.78	20
Vinyl Chloride	0.594	0.574		-3.37	20
Bromomethane	0.404	0.365		-9.65	20
Chloroethane	0.375	0.357		-4.8	20
Trichlorofluoromethane	1.067	1.041		-2.44	20
1,1,2-Trichlorotrifluoroethane	0.567	0.571		0.7	20
1,1-Dichloroethene	0.512	0.518		1.17	20
Acetone	0.209	0.194		-7.18	20
Carbon Disulfide	1.685	1.519		-9.85	20
Methyl tert-butyl Ether	1.679	1.722		2.56	20
Methyl Acetate	0.518	0.551		6.37	20
Methylene Chloride	0.612	0.635		3.76	20
trans-1,2-Dichloroethene	0.560	0.579		3.39	20
1,1-Dichloroethane	1.001	1.035	0.1	3.4	20
Cyclohexane	0.853	0.807		-5.39	20
2-Butanone	0.302	0.303		0.33	20
Carbon Tetrachloride	0.604	0.650		7.62	20
cis-1,2-Dichloroethene	0.636	0.674		5.97	20
Bromochloromethane	0.424	0.405		-4.48	20
Chloroform	1.107	1.164		5.15	20
1,1,1-Trichloroethane	1.048	1.089		3.91	20
Methylcyclohexane	0.456	0.445		-2.41	20
Benzene	1.443	1.563		8.32	20
1,2-Dichloroethane	0.503	0.524		4.18	20
Trichloroethene	0.374	0.359		-4.01	20
1,2-Dichloropropane	0.328	0.360		9.76	20
Bromodichloromethane	0.539	0.577		7.05	20
4-Methyl-2-Pentanone	0.371	0.426		14.82	20
Toluene	0.885	1.004		13.45	20
t-1,3-Dichloropropene	0.524	0.553		5.53	20
cis-1,3-Dichloropropene	0.553	0.584		5.61	20
1,1,2-Trichloroethane	0.338	0.376		11.24	20
2-Hexanone	0.270	0.315		16.67	20
Dibromochloromethane	0.436	0.493		13.07	20
1,2-Dibromoethane	0.347	0.376		8.36	20
Tetrachloroethene	0.399	0.398		-0.25	20
Chlorobenzene	1.144	1.142	0.3	-0.17	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	1.830	1.972		7.76	20
m/p-Xylenes	0.719	0.809		12.52	20
o-Xylene	0.660	0.752		13.94	20
Styrene	1.128	1.324		17.38	20
Bromoform	0.356	0.372	0.1	4.49	20
Isopropylbenzene	3.414	3.371		-1.26	20
1,1,2,2-Tetrachloroethane	1.155	1.071	0.3	-7.27	20
1,3-Dichlorobenzene	1.716	1.699		-0.99	20
1,4-Dichlorobenzene	1.803	1.675		-7.1	20
1,2-Dichlorobenzene	1.706	1.650		-3.28	20
1,2-Dibromo-3-Chloropropane	0.231	0.212		-8.23	20
1,2,4-Trichlorobenzene	0.858	0.759		-11.54	20
1,2,3-Trichlorobenzene	0.814	0.761		-6.51	20
1,2-Dichloroethane-d4	0.685	0.707		3.21	20
Dibromofluoromethane	0.349	0.367		5.16	20
Toluene-d8	1.267	1.355		6.95	20
4-Bromofluorobenzene	0.452	0.494		9.29	20

All other compounds must meet a minimum RRF of 0.010.
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