

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG No.: Q1514

Instrument ID: MSVOA_N Calibration Date/Time: 03/11/2025 13:22

Lab File ID: VN085928.D Init. Calib. Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.680	0.770		13.23	20
Chloromethane	0.682	0.739	0.1	8.36	20
Vinyl Chloride	0.723	0.746		3.18	20
Bromomethane	0.462	0.424		-8.23	20
Chloroethane	0.479	0.422		-11.9	20
Trichlorofluoromethane	1.046	1.090		4.21	20
1,1,2-Trichlorotrifluoroethane	0.605	0.640		5.78	20
1,1-Dichloroethene	0.548	0.594		8.39	20
Acetone	0.205	0.227		10.73	20
Carbon Disulfide	1.625	1.805		11.08	20
Methyl tert-butyl Ether	1.629	1.855		13.87	20
Methyl Acetate	0.705	0.620		-12.06	20
Methylene Chloride	0.660	0.672		1.82	20
trans-1,2-Dichloroethene	0.590	0.643		8.98	20
1,1-Dichloroethane	1.106	1.180	0.1	6.69	20
Cyclohexane	0.926	1.033		11.56	20
2-Butanone	0.302	0.338		11.92	20
Carbon Tetrachloride	0.550	0.625		13.64	20
cis-1,2-Dichloroethene	0.685	0.715		4.38	20
Bromochloromethane	0.454	0.587		29.3	20
Chloroform	1.156	1.221		5.62	20
1,1,1-Trichloroethane	1.028	1.094		6.42	20
Methylcyclohexane	0.455	0.563		23.74	20
Benzene	1.484	1.669		12.47	20
1,2-Dichloroethane	0.483	0.541		12.01	20
Trichloroethene	0.364	0.369		1.37	20
1,2-Dichloropropane	0.358	0.406		13.41	20
Bromodichloromethane	0.541	0.594		9.8	20
4-Methyl-2-Pentanone	0.367	0.449		22.34	20
Toluene	0.870	1.065		22.41	20
t-1,3-Dichloropropene	0.500	0.605		21	20
cis-1,3-Dichloropropene	0.548	0.648		18.25	20
1,1,2-Trichloroethane	0.346	0.378		9.25	20
2-Hexanone	0.253	0.329		30.04	20
Dibromochloromethane	0.403	0.469		16.38	20
1,2-Dibromoethane	0.327	0.379		15.9	20
Tetrachloroethene	0.387	0.405		4.65	20
Chlorobenzene	1.145	1.212	0.3	5.85	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	1.794	2.160		20.4	20
m/p-Xylenes	0.682	0.856		25.51	20
o-Xylene	0.648	0.785		21.14	20
Styrene	1.059	1.373		29.65	20
Bromoform	0.306	0.350	0.1	14.38	20
Isopropylbenzene	3.425	3.638		6.19	20
1,1,2,2-Tetrachloroethane	1.179	1.097	0.3	-6.95	20
1,3-Dichlorobenzene	1.734	1.744		0.58	20
1,4-Dichlorobenzene	1.777	1.740		-2.08	20
1,2-Dichlorobenzene	1.667	1.670		0.18	20
1,2-Dibromo-3-Chloropropane	0.216	0.204		-5.56	20
1,2,4-Trichlorobenzene	0.794	0.815		2.64	20
1,2,3-Trichlorobenzene	0.798	0.788		-1.25	20
1,2-Dichloroethane-d4	0.648	0.719		10.96	20
Dibromofluoromethane	0.327	0.367		12.23	20
Toluene-d8	1.190	1.369		15.04	20
4-Bromofluorobenzene	0.392	0.506		29.08	20

All other compounds must meet a minimum RRF of 0.010.
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