

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1421 SAS No.: Q1421 SDG No.: Q1421

Instrument ID: MSVOA_N Calibration Date/Time: 02/26/2025 10:32

Lab File ID: VN085862.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	0.603		-11.32	20
Chloromethane	0.682	0.558	0.1	-18.18	20
Vinyl Chloride	0.723	0.629		-13	20
Bromomethane	0.462	0.387		-16.23	20
Chloroethane	0.479	0.404		-15.66	20
Trichlorofluoromethane	1.046	0.957		-8.51	20
1,1,2-Trichlorotrifluoroethane	0.605	0.565		-6.61	20
1,1-Dichloroethene	0.548	0.514		-6.2	20
Acetone	0.205	0.210		2.44	20
Carbon Disulfide	1.625	1.287		-20.8	20
Methyl tert-butyl Ether	1.629	1.702		4.48	20
Methyl Acetate	0.705	0.722		2.41	20
Methylene Chloride	0.660	0.593		-10.15	20
trans-1,2-Dichloroethene	0.590	0.540		-8.48	20
1,1-Dichloroethane	1.106	1.023	0.1	-7.51	20
Cyclohexane	0.926	0.771		-16.74	20
2-Butanone	0.302	0.329		8.94	20
Carbon Tetrachloride	0.550	0.534		-2.91	20
cis-1,2-Dichloroethene	0.685	0.645		-5.84	20
Bromochloromethane	0.454	0.410		-9.69	20
Chloroform	1.156	1.085		-6.14	20
1,1,1-Trichloroethane	1.028	0.968		-5.84	20
Methylcyclohexane	0.455	0.440		-3.3	20
Benzene	1.484	1.424		-4.04	20
1,2-Dichloroethane	0.483	0.472		-2.28	20
Trichloroethene	0.364	0.343		-5.77	20
1,2-Dichloropropane	0.358	0.349		-2.51	20
Bromodichloromethane	0.541	0.531		-1.85	20
4-Methyl-2-Pentanone	0.367	0.433		17.98	20
Toluene	0.870	0.905		4.02	20
t-1,3-Dichloropropene	0.500	0.524		4.8	20
cis-1,3-Dichloropropene	0.548	0.570		4.01	20
1,1,2-Trichloroethane	0.346	0.354		2.31	20
2-Hexanone	0.253	0.311		22.92	20
Dibromochloromethane	0.403	0.434		7.69	20
1,2-Dibromoethane	0.327	0.347		6.12	20
Tetrachloroethene	0.387	0.364		-5.94	20
Chlorobenzene	1.145	1.110	0.3	-3.06	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	1.888		5.24	20
m/p-Xylenes	0.682	0.751		10.12	20
o-Xylene	0.648	0.712		9.88	20
Styrene	1.059	1.231		16.24	20
Bromoform	0.306	0.335	0.1	9.48	20
Isopropylbenzene	3.425	3.605		5.26	20
1,1,2,2-Tetrachloroethane	1.179	1.167	0.3	-1.02	20
1,3-Dichlorobenzene	1.734	1.687		-2.71	20
1,4-Dichlorobenzene	1.777	1.672		-5.91	20
1,2-Dichlorobenzene	1.667	1.637		-1.8	20
1,2-Dibromo-3-Chloropropane	0.216	0.219		1.39	20
1,2,4-Trichlorobenzene	0.794	0.770		-3.02	20
1,2,3-Trichlorobenzene	0.798	0.752		-5.76	20
1,2-Dichloroethane-d4	0.648	0.640		-1.24	20
Dibromofluoromethane	0.327	0.342		4.59	20
Toluene-d8	1.190	1.260		5.88	20
4-Bromofluorobenzene	0.392	0.440		12.24	20

All other compounds must meet a minimum RRF of 0.010.
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