

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1006 SAS No.: Q1006 SDG No.: Q1006

Instrument ID: MSVOA_X Calibration Date/Time: 01/08/2025 10:02

Lab File ID: VX044615.D Init. Calib. Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:06 12:00

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.723	0.777		7.47	20
Chloromethane	0.721	0.702	0.1	-2.63	20
Vinyl Chloride	0.676	0.677		0.15	20
Ethyl Acetate	0.454	0.478		5.29	20
Bromomethane	0.350	0.342		-2.29	20
Chloroethane	0.387	0.392		1.29	20
Trichlorofluoromethane	1.007	1.046		3.87	20
1,1,2-Trichlorotrifluoroethane	0.577	0.575		-0.35	20
Tert butyl alcohol	0.099	0.099		0	20
1,1-Dichloroethene	0.559	0.523		-6.44	20
Acrolein	0.131	0.153		16.79	20
Acrylonitrile	0.286	0.294		2.8	20
Acetone	0.254	0.269		5.91	20
Carbon Disulfide	1.157	1.185		2.42	20
Methyl tert-butyl Ether	1.917	1.878		-2.03	20
Methyl Acetate	0.750	0.763		1.73	20
Methylene Chloride	0.648	0.604		-6.79	20
trans-1,2-Dichloroethene	0.574	0.545		-5.05	20
Vinyl Acetate	1.546	1.640		6.08	20
1,1-Dichloroethane	1.114	1.074	0.1	-3.59	20
Cyclohexane	0.915	0.892		-2.51	20
2-Butanone	0.367	0.404		10.08	20
Carbon Tetrachloride	0.492	0.490		-0.41	20
2,2-Dichloropropane	0.963	0.950		-1.35	20
cis-1,2-Dichloroethene	0.700	0.651		-7	20
Bromochloromethane	0.519	0.515		-0.77	20
Chloroform	1.201	1.130		-5.91	20
1,1,1-Trichloroethane	1.011	1.019		0.79	20
Methylcyclohexane	0.566	0.569		0.53	20
1,1-Dichloropropene	0.443	0.431		-2.71	20
Benzene	1.396	1.294		-7.31	20
1,2-Dichloroethane	0.546	0.549		0.55	20
Trichloroethene	0.357	0.320		-10.36	20
1,2-Dichloropropane	0.340	0.329		-3.23	20
Dibromomethane	0.265	0.257		-3.02	20
Bromodichloromethane	0.482	0.487		1.04	20
4-Methyl-2-Pentanone	0.437	0.471		7.78	20
Toluene	0.842	0.800		-4.99	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
t-1,3-Dichloropropene	0.460	0.472		2.61	20
cis-1,3-Dichloropropene	0.517	0.518		0.19	20
1,1,2-Trichloroethane	0.330	0.310		-6.06	20
1,3-Dichloropropane	0.554	0.542		-2.17	20
2-Chloroethyl Vinyl ether	0.238	0.235		-1.26	20
2-Hexanone	0.309	0.341		10.36	20
Dibromochloromethane	0.329	0.343		4.26	20
1,2-Dibromoethane	0.333	0.327		-1.8	20
Tetrachloroethene	0.354	0.330		-6.78	20
Chlorobenzene	1.061	0.999	0.3	-5.84	20
1,1,1,2-Tetrachloroethane	0.352	0.349		-0.85	20
Hexachloroethane	0.502	0.491		-2.19	20
Ethyl Benzene	1.822	1.778		-2.41	20
m/p-Xylenes	0.670	0.665		-0.75	20
o-Xylene	0.676	0.651		-3.7	20
Styrene	1.081	1.080		-0.09	20
Bromoform	0.232	0.244	0.1	5.17	20
Isopropylbenzene	3.704	3.262		-11.93	20
1,1,2,2-Tetrachloroethane	1.194	1.166	0.3	-2.35	20
1,2,3-Trichloropropane	1.002	0.973		-2.89	20
Bromobenzene	0.900	0.866		-3.78	20
n-propylbenzene	4.172	4.237		1.56	20
2-Chlorotoluene	2.704	2.529		-6.47	20
1,3,5-Trimethylbenzene	3.071	3.026		-1.47	20
4-Chlorotoluene	3.042	2.892		-4.93	20
tert-Butylbenzene	3.058	3.005		-1.73	20
1,2,4-Trimethylbenzene	3.085	3.045		-1.3	20
sec-Butylbenzene	3.725	3.709		-0.43	20
p-Isopropyltoluene	3.125	3.112		-0.42	20
1,3-Dichlorobenzene	1.628	1.566		-3.81	20
1,4-Dichlorobenzene	1.696	1.607		-5.25	20
n-Butylbenzene	2.639	2.680		1.55	20
1,2-Dichlorobenzene	1.645	1.529		-7.05	20
1,2-Dibromo-3-Chloropropane	0.226	0.230		1.77	20
1,2,4-Trichlorobenzene	0.967	0.937		-3.1	20
Hexachlorobutadiene	0.403	0.392		-2.73	20
Naphthalene	3.120	3.178		1.86	20
1,2,3-Trichlorobenzene	0.988	0.970		-1.82	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.806	0.702		-12.9	20
Dibromofluoromethane	0.343	0.289		-15.74	20
Toluene-d8	1.171	0.993		-15.2	20
4-Bromofluorobenzene	0.413	0.355		-14.04	20

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