

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1004 SAS No.: Q1004 SDG No.: Q1004

Instrument ID: MSVOA_X Calibration Date/Time: 01/07/2025 11:14

Lab File ID: VX044599.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
Chloromethane	0.721	0.736		2.08	
Vinyl Chloride	0.676	0.710		5.03	
Bromomethane	0.350	0.369		5.43	
Chloroethane	0.387	0.324		-16.28	
Trichlorofluoromethane	1.007	1.084		7.65	
1,1,2-Trichlorotrifluoroethane	0.577	0.588		1.91	
1,1-Dichloroethene	0.559	0.562		0.54	
Acetone	0.254	0.275		8.27	
Carbon Disulfide	1.157	1.220		5.45	
Methyl tert-butyl Ether	1.917	2.051		6.99	
Methylene Chloride	0.648	0.657		1.39	
trans-1,2-Dichloroethene	0.574	0.580		1.04	
1,1-Dichloroethane	1.114	1.182		6.1	
2-Butanone	0.367	0.409		11.44	
Carbon Tetrachloride	0.492	0.516		4.88	
cis-1,2-Dichloroethene	0.700	0.731		4.43	
Chloroform	1.201	1.253		4.33	
1,1,1-Trichloroethane	1.011	1.087		7.52	
Methylcyclohexane	0.566	0.580		2.47	
Benzene	1.396	1.448		3.72	
1,2-Dichloroethane	0.546	0.599		9.71	
Trichloroethene	0.357	0.349		-2.24	
1,2-Dichloropropane	0.340	0.362		6.47	
Bromodichloromethane	0.482	0.524		8.71	
4-Methyl-2-Pentanone	0.437	0.491		12.36	
Toluene	0.842	0.878		4.28	
t-1,3-Dichloropropene	0.460	0.519		12.83	
cis-1,3-Dichloropropene	0.517	0.570		10.25	
1,1,2-Trichloroethane	0.330	0.345		4.55	
2-Hexanone	0.309	0.359		16.18	
Dibromochloromethane	0.329	0.368		11.85	
Tetrachloroethene	0.354	0.346		-2.26	
Chlorobenzene	1.061	1.088		2.55	
Ethyl Benzene	1.822	1.928		5.82	
m/p-Xylenes	0.670	0.715		6.72	
o-Xylene	0.676	0.696		2.96	
Styrene	1.081	1.187		9.81	
Bromoform	0.232	0.248		6.9	

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
Isopropylbenzene	3.704	3.885		4.89	
1,1,2,2-Tetrachloroethane	1.194	1.255		5.11	
1,3-Dichlorobenzene	1.628	1.688		3.69	
1,4-Dichlorobenzene	1.696	1.685		-0.65	
1,2-Dichlorobenzene	1.645	1.699		3.28	
1,2-Dichloroethane-d4	0.806	0.817		1.37	
Dibromofluoromethane	0.343	0.335		-2.33	
Toluene-d8	1.171	1.156		-1.28	
4-Bromofluorobenzene	0.413	0.415		0.48	

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