

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1500 SAS No.: Q1500 SDG No.: Q1500

Instrument ID: MSVOA_X Calibration Date/Time: 03/10/2025 10:06

Lab File ID: VX045183.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.640		1.75	20
Chloromethane	0.770	0.699	0.1	-9.22	20
Vinyl Chloride	0.764	0.695		-9.03	20
Bromomethane	0.300	0.285		-5	20
Chloroethane	0.352	0.354		0.57	20
Trichlorofluoromethane	1.012	0.997		-1.48	20
1,1,2-Trichlorotrifluoroethane	0.581	0.614		5.68	20
1,1-Dichloroethene	0.614	0.587		-4.4	20
Acetone	0.369	0.336		-8.94	20
Carbon Disulfide	1.636	1.535		-6.17	20
Methyl tert-butyl Ether	2.061	1.979		-3.98	20
Methyl Acetate	0.888	0.894		0.68	20
Methylene Chloride	0.731	0.674		-7.8	20
trans-1,2-Dichloroethene	0.607	0.588		-3.13	20
1,1-Dichloroethane	1.247	1.176	0.1	-5.69	20
Cyclohexane	1.082	1.047		-3.23	20
2-Butanone	0.555	0.512		-7.75	20
Carbon Tetrachloride	0.465	0.489		5.16	20
cis-1,2-Dichloroethene	0.749	0.713		-4.81	20
Bromochloromethane	0.594	0.566		-4.71	20
Chloroform	1.239	1.147		-7.43	20
1,1,1-Trichloroethane	1.000	0.977		-2.3	20
Methylcyclohexane	0.549	0.623		13.48	20
Benzene	1.448	1.452		0.28	20
1,2-Dichloroethane	0.521	0.522		0.19	20
Trichloroethene	0.340	0.337		-0.88	20
1,2-Dichloropropane	0.372	0.376		1.08	20
Bromodichloromethane	0.516	0.539		4.46	20
4-Methyl-2-Pentanone	0.587	0.586		-0.17	20
Toluene	0.849	0.875		3.06	20
t-1,3-Dichloropropene	0.431	0.509		18.1	20
cis-1,3-Dichloropropene	0.503	0.573		13.92	20
1,1,2-Trichloroethane	0.350	0.343		-2	20
2-Hexanone	0.425	0.421		-0.94	20
Dibromochloromethane	0.366	0.395		7.92	20
1,2-Dibromoethane	0.349	0.355		1.72	20
Tetrachloroethene	0.320	0.332		3.75	20
Chlorobenzene	1.058	1.089	0.3	2.93	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	1.843	1.936		5.05	20
m/p-Xylenes	0.675	0.709		5.04	20
o-Xylene	0.681	0.695		2.06	20
Styrene	1.101	1.170		6.27	20
Bromoform	0.266	0.295	0.1	10.9	20
Isopropylbenzene	3.903	4.125		5.69	20
1,1,2,2-Tetrachloroethane	1.432	1.369	0.3	-4.4	20
1,3-Dichlorobenzene	1.643	1.704		3.71	20
1,4-Dichlorobenzene	1.662	1.678		0.96	20
1,2-Dichlorobenzene	1.648	1.653		0.3	20
1,2-Dibromo-3-Chloropropane	0.279	0.279		0	20
1,2,4-Trichlorobenzene	0.938	1.037		10.55	20
1,2,3-Trichlorobenzene	0.990	1.067		7.78	20
1,2-Dichloroethane-d4	0.795	0.730		-8.18	20
Dibromofluoromethane	0.334	0.345		3.29	20
Toluene-d8	1.212	1.229		1.4	20
4-Bromofluorobenzene	0.402	0.426		5.97	20

All other compounds must meet a minimum RRF of 0.010.
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