

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1531 SAS No.: Q1531 SDG No.: Q1531

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.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	0.659		4.77	20
Chloromethane	0.770	0.731	0.1	-5.07	20
Vinyl Chloride	0.764	0.723		-5.37	20
Bromomethane	0.300	0.303		1	20
Chloroethane	0.352	0.386		9.66	20
Trichlorofluoromethane	1.012	1.035		2.27	20
1,1,2-Trichlorotrifluoroethane	0.581	0.644		10.84	20
1,1-Dichloroethene	0.614	0.615		0.16	20
Acetone	0.369	0.381		3.25	20
Carbon Disulfide	1.636	1.547		-5.44	20
Methyl tert-butyl Ether	2.061	2.061		0	20
Methyl Acetate	0.888	1.003		12.84	20
Methylene Chloride	0.731	0.714		-2.33	20
trans-1,2-Dichloroethene	0.607	0.616		1.48	20
1,1-Dichloroethane	1.247	1.245	0.1	-0.16	20
Cyclohexane	1.082	1.111		2.68	20
2-Butanone	0.555	0.581		4.68	20
Carbon Tetrachloride	0.465	0.493		6.02	20
cis-1,2-Dichloroethene	0.749	0.755		0.8	20
Bromochloromethane	0.594	0.579		-2.53	20
Chloroform	1.239	1.234		-0.4	20
1,1,1-Trichloroethane	1.000	1.017		1.7	20
Methylcyclohexane	0.549	0.622		13.3	20
Benzene	1.448	1.486		2.62	20
1,2-Dichloroethane	0.521	0.546		4.8	20
Trichloroethene	0.340	0.354		4.12	20
1,2-Dichloropropane	0.372	0.380		2.15	20
Bromodichloromethane	0.516	0.557		7.95	20
4-Methyl-2-Pentanone	0.587	0.636		8.35	20
Toluene	0.849	0.900		6.01	20
t-1,3-Dichloropropene	0.431	0.514		19.26	20
cis-1,3-Dichloropropene	0.503	0.580		15.31	20
1,1,2-Trichloroethane	0.350	0.361		3.14	20
2-Hexanone	0.425	0.458		7.76	20
Dibromochloromethane	0.366	0.404		10.38	20
1,2-Dibromoethane	0.349	0.373		6.88	20
Tetrachloroethene	0.320	0.336		5	20
Chlorobenzene	1.058	1.120	0.3	5.86	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	1.843	1.996		8.3	20
m/p-Xylenes	0.675	0.738		9.33	20
o-Xylene	0.681	0.724		6.31	20
Styrene	1.101	1.222		10.99	20
Bromoform	0.266	0.306	0.1	15.04	20
Isopropylbenzene	3.903	4.178		7.05	20
1,1,2,2-Tetrachloroethane	1.432	1.392	0.3	-2.79	20
1,3-Dichlorobenzene	1.643	1.694		3.1	20
1,4-Dichlorobenzene	1.662	1.696		2.05	20
1,2-Dichlorobenzene	1.648	1.671		1.4	20
1,2-Dibromo-3-Chloropropane	0.279	0.293		5.02	20
1,2,4-Trichlorobenzene	0.938	1.037		10.55	20
1,2,3-Trichlorobenzene	0.990	1.037		4.75	20
1,2-Dichloroethane-d4	0.795	0.792		-0.38	20
Dibromofluoromethane	0.334	0.355		6.29	20
Toluene-d8	1.212	1.251		3.22	20
4-Bromofluorobenzene	0.402	0.446		10.94	20

All other compounds must meet a minimum RRF of 0.010.
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