

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1582 SAS No.: Q1582 SDG No.: Q1582

Instrument ID: MSVOA_X Calibration Date/Time: 03/21/2025 10:00

Lab File ID: VX045375.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	0.662		5.25	20
Chloromethane	0.770	0.684	0.1	-11.17	20
Vinyl Chloride	0.764	0.690		-9.69	20
Bromomethane	0.300	0.302		0.67	20
Chloroethane	0.352	0.328		-6.82	20
Trichlorofluoromethane	1.012	1.044		3.16	20
1,1,2-Trichlorotrifluoroethane	0.581	0.692		19.1	20
1,1-Dichloroethene	0.614	0.632		2.93	20
Acetone	0.369	0.426		15.45	20
Carbon Disulfide	1.636	1.372		-16.14	20
Methyl tert-butyl Ether	2.061	2.226		8.01	20
Methyl Acetate	0.888	1.244		40.09	20
Methylene Chloride	0.731	0.735		0.55	20
trans-1,2-Dichloroethene	0.607	0.625		2.96	20
1,1-Dichloroethane	1.247	1.332	0.1	6.82	20
Cyclohexane	1.082	1.107		2.31	20
2-Butanone	0.555	0.610		9.91	20
Carbon Tetrachloride	0.465	0.543		16.77	20
cis-1,2-Dichloroethene	0.749	0.799		6.68	20
Bromochloromethane	0.594	0.623		4.88	20
Chloroform	1.239	1.364		10.09	20
1,1,1-Trichloroethane	1.000	1.111		11.1	20
Methylcyclohexane	0.549	0.626		14.03	20
Benzene	1.448	1.566		8.15	20
1,2-Dichloroethane	0.521	0.622		19.39	20
Trichloroethene	0.340	0.364		7.06	20
1,2-Dichloropropane	0.372	0.404		8.6	20
Bromodichloromethane	0.516	0.613		18.8	20
4-Methyl-2-Pentanone	0.587	0.667		13.63	20
Toluene	0.849	0.943		11.07	20
t-1,3-Dichloropropene	0.431	0.541		25.52	20
cis-1,3-Dichloropropene	0.503	0.615		22.27	20
1,1,2-Trichloroethane	0.350	0.382		9.14	20
2-Hexanone	0.425	0.492		15.77	20
Dibromochloromethane	0.366	0.432		18.03	20
1,2-Dibromoethane	0.349	0.387		10.89	20
Tetrachloroethene	0.320	0.362		13.13	20
Chlorobenzene	1.058	1.187	0.3	12.19	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	2.112		14.6	20
m/p-Xylenes	0.675	0.771		14.22	20
o-Xylene	0.681	0.750		10.13	20
Styrene	1.101	1.269		15.26	20
Bromoform	0.266	0.316	0.1	18.8	20
Isopropylbenzene	3.903	4.394		12.58	20
1,1,2,2-Tetrachloroethane	1.432	1.519	0.3	6.07	20
1,3-Dichlorobenzene	1.643	1.791		9.01	20
1,4-Dichlorobenzene	1.662	1.795		8	20
1,2-Dichlorobenzene	1.648	1.801		9.28	20
1,2-Dibromo-3-Chloropropane	0.279	0.327		17.2	20
1,2,4-Trichlorobenzene	0.938	1.099		17.16	20
1,2,3-Trichlorobenzene	0.990	1.168		17.98	20
1,2-Dichloroethane-d4	0.795	0.856		7.67	20
Dibromofluoromethane	0.334	0.369		10.48	20
Toluene-d8	1.212	1.255		3.55	20
4-Bromofluorobenzene	0.402	0.438		8.95	20

All other compounds must meet a minimum RRF of 0.010.
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