

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1559 SAS No.: Q1559 SDG No.: Q1559

Instrument ID: MSVOA_X Calibration Date/Time: 03/13/2025 20:35

Lab File ID: VX045283.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	0.644		2.38	50
Chloromethane	0.770	0.807	0.1	4.8	50
Vinyl Chloride	0.764	0.713		-6.68	50
Bromomethane	0.300	0.311		3.67	50
Chloroethane	0.352	0.381		8.24	50
Trichlorofluoromethane	1.012	1.033		2.08	50
1,1,2-Trichlorotrifluoroethane	0.581	0.652		12.22	50
1,1-Dichloroethene	0.614	0.632		2.93	50
Acetone	0.369	0.395		7.05	50
Carbon Disulfide	1.636	1.404		-14.18	50
Methyl tert-butyl Ether	2.061	2.221		7.76	50
Methyl Acetate	0.888	1.143		28.72	50
Methylene Chloride	0.731	0.767		4.93	50
trans-1,2-Dichloroethene	0.607	0.641		5.6	50
1,1-Dichloroethane	1.247	1.345	0.1	7.86	50
Cyclohexane	1.082	1.090		0.74	50
2-Butanone	0.555	0.624		12.43	50
Carbon Tetrachloride	0.465	0.498		7.1	50
cis-1,2-Dichloroethene	0.749	0.798		6.54	50
Bromochloromethane	0.594	0.609		2.53	50
Chloroform	1.239	1.371		10.65	50
1,1,1-Trichloroethane	1.000	1.092		9.2	50
Methylcyclohexane	0.549	0.582		6.01	50
Benzene	1.448	1.555		7.32	50
1,2-Dichloroethane	0.521	0.601		15.35	50
Trichloroethene	0.340	0.357		5	50
1,2-Dichloropropane	0.372	0.397		6.72	50
Bromodichloromethane	0.516	0.590		14.34	50
4-Methyl-2-Pentanone	0.587	0.705		20.1	50
Toluene	0.849	0.935		10.13	50
t-1,3-Dichloropropene	0.431	0.493		14.39	50
cis-1,3-Dichloropropene	0.503	0.567		12.72	50
1,1,2-Trichloroethane	0.350	0.390		11.43	50
2-Hexanone	0.425	0.520		22.35	50
Dibromochloromethane	0.366	0.420		14.75	50
1,2-Dibromoethane	0.349	0.391		12.03	50
Tetrachloroethene	0.320	0.336		5	50
Chlorobenzene	1.058	1.132	0.3	6.99	50

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	2.015		9.33	50
m/p-Xylenes	0.675	0.738		9.33	50
o-Xylene	0.681	0.730		7.2	50
Styrene	1.101	1.272		15.53	50
Bromoform	0.266	0.305	0.1	14.66	50
Isopropylbenzene	3.903	4.131		5.84	50
1,1,2,2-Tetrachloroethane	1.432	1.507	0.3	5.24	50
1,3-Dichlorobenzene	1.643	1.760		7.12	50
1,4-Dichlorobenzene	1.662	1.756		5.66	50
1,2-Dichlorobenzene	1.648	1.764		7.04	50
1,2-Dibromo-3-Chloropropane	0.279	0.323		15.77	50
1,2,4-Trichlorobenzene	0.938	1.005		7.14	50
1,2,3-Trichlorobenzene	0.990	1.054		6.47	50
1,2-Dichloroethane-d4	0.795	0.832		4.65	50
Dibromofluoromethane	0.334	0.343		2.69	50
Toluene-d8	1.212	1.185		-2.23	50
4-Bromofluorobenzene	0.402	0.430		6.97	50

All other compounds must meet a minimum RRF of 0.010.
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