

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1629 SAS No.: Q1629 SDG No.: Q1629

Instrument ID: MSVOA_X Calibration Date/Time: 03/25/2025 11:31

Lab File ID: VX045431.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	0.798		26.87	20
Chloromethane	0.770	0.804	0.1	4.42	20
Vinyl Chloride	0.764	0.720		-5.76	20
Bromomethane	0.300	0.346		15.33	20
Chloroethane	0.352	0.394		11.93	20
Trichlorofluoromethane	1.012	1.093		8	20
1,1,2-Trichlorotrifluoroethane	0.581	0.699		20.31	20
1,1-Dichloroethene	0.614	0.651		6.03	20
Acetone	0.369	0.394		6.78	20
Carbon Disulfide	1.636	1.643		0.43	20
Methyl tert-butyl Ether	2.061	2.180		5.77	20
Methyl Acetate	0.888	0.856		-3.6	20
Methylene Chloride	0.731	0.729		-0.27	20
trans-1,2-Dichloroethene	0.607	0.641		5.6	20
1,1-Dichloroethane	1.247	1.311	0.1	5.13	20
Cyclohexane	1.082	1.188		9.8	20
2-Butanone	0.555	0.596		7.39	20
Carbon Tetrachloride	0.465	0.558		20	20
cis-1,2-Dichloroethene	0.749	0.773		3.2	20
Bromochloromethane	0.594	0.584		-1.68	20
Chloroform	1.239	1.317		6.3	20
1,1,1-Trichloroethane	1.000	1.132		13.2	20
Methylcyclohexane	0.549	0.674		22.77	20
Benzene	1.448	1.547		6.84	20
1,2-Dichloroethane	0.521	0.624		19.77	20
Trichloroethene	0.340	0.365		7.35	20
1,2-Dichloropropane	0.372	0.390		4.84	20
Bromodichloromethane	0.516	0.591		14.53	20
4-Methyl-2-Pentanone	0.587	0.681		16.01	20
Toluene	0.849	0.944		11.19	20
t-1,3-Dichloropropene	0.431	0.547		26.91	20
cis-1,3-Dichloropropene	0.503	0.610		21.27	20
1,1,2-Trichloroethane	0.350	0.370		5.71	20
2-Hexanone	0.425	0.519		22.12	20
Dibromochloromethane	0.366	0.425		16.12	20
1,2-Dibromoethane	0.349	0.390		11.75	20
Tetrachloroethene	0.320	0.353		10.31	20
Chlorobenzene	1.058	1.130	0.3	6.8	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	2.068		12.21	20
m/p-Xylenes	0.675	0.760		12.59	20
o-Xylene	0.681	0.753		10.57	20
Styrene	1.101	1.269		15.26	20
Bromoform	0.266	0.306	0.1	15.04	20
Isopropylbenzene	3.903	4.076		4.43	20
1,1,2,2-Tetrachloroethane	1.432	1.422	0.3	-0.7	20
1,3-Dichlorobenzene	1.643	1.755		6.82	20
1,4-Dichlorobenzene	1.662	1.732		4.15	20
1,2-Dichlorobenzene	1.648	1.733		5.16	20
1,2-Dibromo-3-Chloropropane	0.279	0.323		15.77	20
1,2,4-Trichlorobenzene	0.938	1.047		11.62	20
1,2,3-Trichlorobenzene	0.990	1.048		5.86	20
1,2-Dichloroethane-d4	0.795	0.876		10.19	20
Dibromofluoromethane	0.334	0.368		10.18	20
Toluene-d8	1.212	1.260		3.96	20
4-Bromofluorobenzene	0.402	0.481		19.65	20

All other compounds must meet a minimum RRF of 0.010.
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