

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1557 SAS No.: Q1557 SDG No.: Q1557

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.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	0.603		-4.13	20
Chloromethane	0.770	0.700	0.1	-9.09	20
Vinyl Chloride	0.764	0.630		-17.54	20
Bromomethane	0.300	0.274		-8.67	20
Chloroethane	0.352	0.317		-9.94	20
Trichlorofluoromethane	1.012	0.936		-7.51	20
1,1,2-Trichlorotrifluoroethane	0.581	0.621		6.89	20
1,1-Dichloroethene	0.614	0.582		-5.21	20
Acetone	0.369	0.341		-7.59	20
Carbon Disulfide	1.636	1.304		-20.29	20
Methyl tert-butyl Ether	2.061	2.048		-0.63	20
Methyl Acetate	0.888	1.047		17.91	20
Methylene Chloride	0.731	0.679		-7.11	20
trans-1,2-Dichloroethene	0.607	0.576		-5.11	20
1,1-Dichloroethane	1.247	1.218	0.1	-2.33	20
Cyclohexane	1.082	1.015		-6.19	20
2-Butanone	0.555	0.537		-3.24	20
Carbon Tetrachloride	0.465	0.471		1.29	20
cis-1,2-Dichloroethene	0.749	0.729		-2.67	20
Bromochloromethane	0.594	0.601		1.18	20
Chloroform	1.239	1.221		-1.45	20
1,1,1-Trichloroethane	1.000	0.996		-0.4	20
Methylcyclohexane	0.549	0.568		3.46	20
Benzene	1.448	1.413		-2.42	20
1,2-Dichloroethane	0.521	0.545		4.61	20
Trichloroethene	0.340	0.329		-3.23	20
1,2-Dichloropropane	0.372	0.365		-1.88	20
Bromodichloromethane	0.516	0.537		4.07	20
4-Methyl-2-Pentanone	0.587	0.609		3.75	20
Toluene	0.849	0.858		1.06	20
t-1,3-Dichloropropene	0.431	0.479		11.14	20
cis-1,3-Dichloropropene	0.503	0.545		8.35	20
1,1,2-Trichloroethane	0.350	0.352		0.57	20
2-Hexanone	0.425	0.449		5.65	20
Dibromochloromethane	0.366	0.388		6.01	20
1,2-Dibromoethane	0.349	0.352		0.86	20
Tetrachloroethene	0.320	0.327		2.19	20
Chlorobenzene	1.058	1.075	0.3	1.61	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	1.908		3.53	20
m/p-Xylenes	0.675	0.703		4.15	20
o-Xylene	0.681	0.698		2.5	20
Styrene	1.101	1.193		8.36	20
Bromoform	0.266	0.287	0.1	7.89	20
Isopropylbenzene	3.903	3.904		0.03	20
1,1,2,2-Tetrachloroethane	1.432	1.398	0.3	-2.37	20
1,3-Dichlorobenzene	1.643	1.686		2.62	20
1,4-Dichlorobenzene	1.662	1.658		-0.24	20
1,2-Dichlorobenzene	1.648	1.675		1.64	20
1,2-Dibromo-3-Chloropropane	0.279	0.294		5.38	20
1,2,4-Trichlorobenzene	0.938	1.026		9.38	20
1,2,3-Trichlorobenzene	0.990	1.049		5.96	20
1,2-Dichloroethane-d4	0.795	0.819		3.02	20
Dibromofluoromethane	0.334	0.351		5.09	20
Toluene-d8	1.212	1.212		0	20
4-Bromofluorobenzene	0.402	0.438		8.95	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.