

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: 03/26/2025 10:03

Lab File ID: VX045457.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	0.797		26.71	20
Chloromethane	0.770	0.767	0.1	-0.39	20
Vinyl Chloride	0.764	0.728		-4.71	20
Bromomethane	0.300	0.338		12.67	20
Chloroethane	0.352	0.394		11.93	20
Trichlorofluoromethane	1.012	1.079		6.62	20
1,1,2-Trichlorotrifluoroethane	0.581	0.681		17.21	20
1,1-Dichloroethene	0.614	0.637		3.75	20
Acetone	0.369	0.430		16.53	20
Carbon Disulfide	1.636	1.630		-0.37	20
Methyl tert-butyl Ether	2.061	2.084		1.12	20
Methyl Acetate	0.888	0.831		-6.42	20
Methylene Chloride	0.731	0.719		-1.64	20
trans-1,2-Dichloroethene	0.607	0.640		5.44	20
1,1-Dichloroethane	1.247	1.286	0.1	3.13	20
Cyclohexane	1.082	1.149		6.19	20
2-Butanone	0.555	0.589		6.13	20
Carbon Tetrachloride	0.465	0.551		18.5	20
cis-1,2-Dichloroethene	0.749	0.757		1.07	20
Bromochloromethane	0.594	0.619		4.21	20
Chloroform	1.239	1.300		4.92	20
1,1,1-Trichloroethane	1.000	1.097		9.7	20
Methylcyclohexane	0.549	0.665		21.13	20
Benzene	1.448	1.526		5.39	20
1,2-Dichloroethane	0.521	0.613		17.66	20
Trichloroethene	0.340	0.363		6.76	20
1,2-Dichloropropane	0.372	0.391		5.11	20
Bromodichloromethane	0.516	0.597		15.7	20
4-Methyl-2-Pentanone	0.587	0.648		10.39	20
Toluene	0.849	0.930		9.54	20
t-1,3-Dichloropropene	0.431	0.522		21.11	20
cis-1,3-Dichloropropene	0.503	0.600		19.28	20
1,1,2-Trichloroethane	0.350	0.371		6	20
2-Hexanone	0.425	0.477		12.23	20
Dibromochloromethane	0.366	0.419		14.48	20
1,2-Dibromoethane	0.349	0.386		10.6	20
Tetrachloroethene	0.320	0.355		10.94	20
Chlorobenzene	1.058	1.132	0.3	6.99	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	2.063		11.94	20
m/p-Xylenes	0.675	0.754		11.7	20
o-Xylene	0.681	0.732		7.49	20
Styrene	1.101	1.239		12.53	20
Bromoform	0.266	0.303	0.1	13.91	20
Isopropylbenzene	3.903	4.277		9.58	20
1,1,2,2-Tetrachloroethane	1.432	1.413	0.3	-1.33	20
1,3-Dichlorobenzene	1.643	1.715		4.38	20
1,4-Dichlorobenzene	1.662	1.707		2.71	20
1,2-Dichlorobenzene	1.648	1.684		2.18	20
1,2-Dibromo-3-Chloropropane	0.279	0.313		12.19	20
1,2,4-Trichlorobenzene	0.938	0.998		6.4	20
1,2,3-Trichlorobenzene	0.990	1.018		2.83	20
1,2-Dichloroethane-d4	0.795	0.847		6.54	20
Dibromofluoromethane	0.334	0.361		8.08	20
Toluene-d8	1.212	1.218		0.5	20
4-Bromofluorobenzene	0.402	0.444		10.45	20

All other compounds must meet a minimum RRF of 0.010.
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