

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/04/2024 12:12

Lab File ID: VX044109.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.554		-12.48	20
Chloromethane	0.667	0.570	0.1	-14.54	20
Vinyl Chloride	0.709	0.649		-8.46	20
Bromomethane	0.436	0.458		5.05	20
Chloroethane	0.432	0.405		-6.25	20
Trichlorofluoromethane	1.268	1.279		0.87	20
1,1,2-Trichlorotrifluoroethane	0.605	0.632		4.46	20
1,1-Dichloroethene	0.576	0.569		-1.22	20
Acetone	0.394	0.390		-1.01	20
Carbon Disulfide	1.188	1.084		-8.75	20
Methyl tert-butyl Ether	2.092	2.216		5.93	20
Methyl Acetate	0.917	0.925		0.87	20
Methylene Chloride	0.668	0.655		-1.95	20
trans-1,2-Dichloroethene	0.595	0.596		0.17	20
1,1-Dichloroethane	1.161	1.183	0.1	1.89	20
Cyclohexane	0.956	0.977		2.2	20
2-Butanone	0.508	0.522		2.76	20
Carbon Tetrachloride	0.500	0.529		5.8	20
cis-1,2-Dichloroethene	0.735	0.750		2.04	20
Bromochloromethane	0.511	0.487		-4.7	20
Chloroform	1.249	1.302		4.24	20
1,1,1-Trichloroethane	1.077	1.166		8.26	20
Methylcyclohexane	0.578	0.632		9.34	20
Benzene	1.387	1.416		2.09	20
1,2-Dichloroethane	0.557	0.589		5.74	20
Trichloroethene	0.393	0.351		-10.69	20
1,2-Dichloropropane	0.340	0.356		4.71	20
Bromodichloromethane	0.482	0.526		9.13	20
4-Methyl-2-Pentanone	0.537	0.587		9.31	20
Toluene	0.830	0.892		7.47	20
t-1,3-Dichloropropene	0.491	0.541		10.18	20
cis-1,3-Dichloropropene	0.539	0.584		8.35	20
1,1,2-Trichloroethane	0.343	0.355		3.5	20
2-Hexanone	0.403	0.450		11.66	20
Dibromochloromethane	0.344	0.371		7.85	20
1,2-Dibromoethane	0.346	0.380		9.83	20
Tetrachloroethene	0.330	0.353		6.97	20
Chlorobenzene	1.098	1.134	0.3	3.28	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	1.861	2.065		10.96	20
m/p-Xylenes	0.694	0.754		8.65	20
o-Xylene	0.678	0.751		10.77	20
Styrene	1.121	1.266		12.94	20
Bromoform	0.240	0.264	0.1	10	20
Isopropylbenzene	3.843	4.153		8.07	20
1,1,2,2-Tetrachloroethane	1.316	1.345	0.3	2.2	20
1,3-Dichlorobenzene	1.670	1.780		6.59	20
1,4-Dichlorobenzene	1.702	1.773		4.17	20
1,2-Dichlorobenzene	1.685	1.765		4.75	20
1,2-Dibromo-3-Chloropropane	0.264	0.295		11.74	20
1,2,4-Trichlorobenzene	0.994	1.043		4.93	20
1,2,3-Trichlorobenzene	1.006	1.082		7.55	20
1,2-Dichloroethane-d4	0.858	0.876		2.1	20
Dibromofluoromethane	0.357	0.369		3.36	20
Toluene-d8	1.232	1.240		0.65	20
4-Bromofluorobenzene	0.419	0.447		6.68	20

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