

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1172 SAS No.: Q1172 SDG No.: Q1172

Instrument ID: MSVOA_U Calibration Date/Time: 02/12/2025 10:48

Lab File ID: VU063249.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:59 15:33

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

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.325	0.315		-3.08	30
Chloromethane	0.374	0.351		-6.15	30
Vinyl Chloride	0.370	0.363		-1.89	30
Bromomethane	0.181	0.201		11.05	30
Chloroethane	0.233	0.219		-6.01	30
Tetrahydrofuran	0.047	0.047		0	30
Trichlorofluoromethane	0.439	0.437		-0.46	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.249	0.257		3.21	30
tert-Butyl Alcohol	0.026	0.019		-26.92	30
Diethyl Ether	0.218	0.210		-3.67	30
1,1-Dichloroethene	0.254	0.260		2.36	30
Acrylonitrile	0.059	0.060		1.7	30
Acetone	0.045	0.040		-11.11	30
Carbon Disulfide	0.887	0.865		-2.48	30
Methyl tert-Butyl Ether	0.634	0.653		3	30
Methyl acrylate	0.148	0.153		3.38	30
Methylene Chloride	0.313	0.307		-1.92	30
trans-1,2-Dichloroethene	0.290	0.296		2.07	30
1,1-Dichloroethane	0.546	0.551		0.92	30
Cyclohexane	0.439	0.473		7.74	30
2-Butanone	0.072	0.070		-2.78	30
Carbon Tetrachloride	0.383	0.394		2.87	30
2,2-Dichloropropane	0.426	0.438		2.82	30
cis-1,2-Dichloroethene	0.313	0.322		2.88	30
Bromochloromethane	0.137	0.138		0.73	30
Chloroform	0.551	0.553		0.36	30
1,1,1-Trichloroethane	0.446	0.454		1.79	30
Methylcyclohexane	0.435	0.494		13.56	30
1,1-Dichloropropene	0.400	0.428		7	30
Propionitrile	0.022	0.022		0	30
Benzene	1.229	1.264		2.85	30
1,2-Dichloroethane	0.355	0.352		-0.85	30
Trichloroethene	0.292	0.299		2.4	30
1,2-Dichloropropane	0.322	0.330		2.48	30
1-Chlorobutane	0.547	0.571		4.39	30
Dibromomethane	0.163	0.163		0	30
Bromodichloromethane	0.379	0.391		3.17	30
4-Methyl-2-Pentanone	0.171	0.180		5.26	30

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	RRF010	MIN RRF	%D	MAX%D
Toluene	0.707	0.772		9.19	30
t-1,3-Dichloropropene	0.347	0.374		7.78	30
cis-1,3-Dichloropropene	0.429	0.448		4.43	30
1,1,2-Trichloroethane	0.220	0.230		4.55	30
1,3-Dichloropropane	0.390	0.401		2.82	30
2-Hexanone	0.117	0.123		5.13	30
Dibromochloromethane	0.253	0.262		3.56	30
1,2-Dibromoethane	0.206	0.210		1.94	30
Tetrachloroethene	0.241	0.261		8.3	30
Chlorobenzene	0.746	0.783		4.96	30
1,1,1,2-Tetrachloroethane	0.268	0.281		4.85	30
Hexachloroethane	0.212	0.221		4.24	30
Ethyl Benzene	1.286	1.442		12.13	30
m/p-Xylenes	0.480	0.553		15.21	30
o-Xylene	0.470	0.526		11.91	30
Styrene	0.748	0.871		16.44	30
Bromoform	0.143	0.150		4.89	30
Isopropylbenzene	1.106	1.255		13.47	30
1,1,2,2-Tetrachloroethane	0.296	0.293		-1.01	30
1,2,3-Trichloropropane	0.222	0.215		-3.15	30
Bromobenzene	0.298	0.319		7.05	30
n-propylbenzene	0.317	0.375		18.3	30
2-Chlorotoluene	0.292	0.325		11.3	30
1,3,5-Trimethylbenzene	1.024	1.181		15.33	30
4-Chlorotoluene	0.299	0.340		13.71	30
tert-Butylbenzene	1.036	1.142		10.23	30
1,2,4-Trimethylbenzene	1.016	1.181		16.24	30
sec-Butylbenzene	1.319	1.520		15.24	30
p-Isopropyltoluene	1.041	1.231		18.25	30
1,3-Dichlorobenzene	0.578	0.618		6.92	30
1,4-Dichlorobenzene	0.565	0.617		9.2	30
n-Butylbenzene	0.933	1.107		18.65	30
1,2-Dichlorobenzene	0.555	0.584		5.22	30
1,2-Dibromo-3-Chloropropane	0.042	0.044		4.76	30
1,2,4-Trichlorobenzene	0.271	0.329		21.4	30
Hexachlorobutadiene	0.194	0.215		10.82	30
Naphthalene	0.436	0.504		15.6	30
1,2,3-Trichlorobenzene	0.265	0.314		18.49	30

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COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
1,2-Dichlorobenzene-d4	0.343	0.341		-0.58	30
4-Bromofluorobenzene	0.330	0.438		32.73	30
Iodomethane	0.399	0.417		4.51	30
Allyl Chloride	0.364	0.364		0	30
Methacrylonitrile	0.080	0.088		10	30
Isopropyl Ether	0.779	0.810		3.98	30
Methyl methacrylate	0.137	0.151		10.22	30

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