

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1124 SAS No.: Q1124 SDG No.: Q1124

Instrument ID: MSVOA_N Calibration Date/Time: 01/17/2025 09:06

Lab File ID: VN085480.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.677	0.654		-3.4	20
Chloromethane	0.733	0.683	0.1	-6.82	20
Vinyl Chloride	0.737	0.682		-7.46	20
Ethyl Acetate	0.491	0.458		-6.72	20
Bromomethane	0.445	0.415		-6.74	20
Chloroethane	0.467	0.463		-0.86	20
Trichlorofluoromethane	1.069	1.061		-0.75	20
1,1,2-Trichlorotrifluoroethane	0.602	0.603		0.17	20
Tert butyl alcohol	0.092	0.073		-20.65	20
1,1-Dichloroethene	0.537	0.542		0.93	20
Acrolein	0.126	0.128		1.59	20
Acrylonitrile	0.294	0.267		-9.18	20
Acetone	0.261	0.244		-6.51	20
Carbon Disulfide	1.652	1.499		-9.26	20
Methyl tert-butyl Ether	1.742	1.821		4.53	20
Methyl Acetate	0.793	0.729		-8.07	20
Methylene Chloride	0.646	0.626		-3.1	20
trans-1,2-Dichloroethene	0.573	0.565		-1.4	20
Vinyl Acetate	1.353	1.423		5.17	20
1,1-Dichloroethane	1.178	1.171	0.1	-0.59	20
Cyclohexane	1.024	0.991		-3.22	20
2-Butanone	0.384	0.350		-8.85	20
Carbon Tetrachloride	0.557	0.584		4.85	20
2,2-Dichloropropane	0.953	1.065		11.75	20
cis-1,2-Dichloroethene	0.675	0.685		1.48	20
Bromochloromethane	0.548	0.535		-2.37	20
Chloroform	1.218	1.213		-0.41	20
1,1,1-Trichloroethane	1.068	1.081		1.22	20
Methylcyclohexane	0.457	0.538		17.72	20
1,1-Dichloropropene	0.487	0.512		5.13	20
Benzene	1.463	1.537		5.06	20
1,2-Dichloroethane	0.551	0.574		4.17	20
Trichloroethene	0.341	0.349		2.35	20
1,2-Dichloropropane	0.374	0.387		3.48	20
Dibromomethane	0.270	0.274		1.48	20
Bromodichloromethane	0.549	0.594		8.2	20
4-Methyl-2-Pentanone	0.457	0.464		1.53	20
Toluene	0.848	0.951		12.15	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
t-1,3-Dichloropropene	0.519	0.585		12.72	20
cis-1,3-Dichloropropene	0.554	0.621		12.09	20
1,1,2-Trichloroethane	0.335	0.359		7.16	20
1,3-Dichloropropane	0.583	0.627		7.55	20
2-Chloroethyl Vinyl ether	0.213	0.241		13.15	20
2-Hexanone	0.321	0.330		2.8	20
Dibromochloromethane	0.405	0.427		5.43	20
1,2-Dibromoethane	0.334	0.340		1.8	20
Tetrachloroethene	0.341	0.367		7.63	20
Chlorobenzene	1.095	1.136	0.3	3.74	20
1,1,1,2-Tetrachloroethane	0.402	0.413		2.74	20
Hexachloroethane	0.618	0.629		1.78	20
Ethyl Benzene	1.784	2.030		13.79	20
m/p-Xylenes	0.659	0.770		16.84	20
o-Xylene	0.630	0.722		14.6	20
Styrene	1.043	1.239		18.79	20
Bromoform	0.288	0.307	0.1	6.6	20
Isopropylbenzene	3.375	3.839		13.75	20
1,1,2,2-Tetrachloroethane	1.192	1.098	0.3	-7.89	20
1,2,3-Trichloropropane	1.016	0.991		-2.46	20
Bromobenzene	0.882	0.907		2.83	20
n-propylbenzene	3.995	4.656		16.55	20
2-Chlorotoluene	2.586	2.786		7.73	20
1,3,5-Trimethylbenzene	2.787	3.298		18.33	20
4-Chlorotoluene	2.574	2.832		10.02	20
tert-Butylbenzene	2.341	2.697		15.21	20
1,2,4-Trimethylbenzene	2.778	3.294		18.58	20
sec-Butylbenzene	3.244	3.874		19.42	20
p-Isopropyltoluene	2.631	3.258		23.83	20
1,3-Dichlorobenzene	1.624	1.681		3.51	20
1,4-Dichlorobenzene	1.683	1.690		0.42	20
n-Butylbenzene	2.327	2.820		21.19	20
1,2-Dichlorobenzene	1.620	1.618		-0.12	20
1,2-Dibromo-3-Chloropropane	0.218	0.199		-8.72	20
1,2,4-Trichlorobenzene	0.753	0.795		5.58	20
Hexachlorobutadiene	0.400	0.401		0.25	20
Naphthalene	2.246	2.183		-2.81	20
1,2,3-Trichlorobenzene	0.762	0.761		-0.13	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.807	0.803		-0.5	20
Dibromofluoromethane	0.347	0.370		6.63	20
Toluene-d8	1.232	1.364		10.71	20
4-Bromofluorobenzene	0.422	0.475		12.56	20

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