

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1180 SAS No.: Q1180 SDG No.: Q1180

Instrument ID: MSVOA_N Calibration Date/Time: 01/28/2025 09:53

Lab File ID: VN085526.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	0.620		-8.42	20
Chloromethane	0.733	0.642	0.1	-12.41	20
Vinyl Chloride	0.737	0.665		-9.77	20
Ethyl Acetate	0.491	0.520		5.91	20
Bromomethane	0.445	0.389		-12.58	20
Chloroethane	0.467	0.439		-6	20
Trichlorofluoromethane	1.069	1.071		0.19	20
1,1,2-Trichlorotrifluoroethane	0.602	0.618		2.66	20
Tert butyl alcohol	0.092	0.108		17.39	20
1,1-Dichloroethene	0.537	0.526		-2.05	20
Acrolein	0.126	0.132		4.76	20
Acrylonitrile	0.294	0.306		4.08	20
Acetone	0.261	0.263		0.77	20
Carbon Disulfide	1.652	1.391		-15.8	20
Methyl tert-butyl Ether	1.742	1.940		11.37	20
Methyl Acetate	0.793	0.859		8.32	20
Methylene Chloride	0.646	0.645		-0.16	20
trans-1,2-Dichloroethene	0.573	0.570		-0.52	20
Vinyl Acetate	1.353	1.493		10.35	20
1,1-Dichloroethane	1.178	1.202	0.1	2.04	20
Cyclohexane	1.024	0.931		-9.08	20
2-Butanone	0.384	0.399		3.91	20
Carbon Tetrachloride	0.557	0.602		8.08	20
2,2-Dichloropropane	0.953	1.098		15.22	20
cis-1,2-Dichloroethene	0.675	0.700		3.7	20
Bromochloromethane	0.548	0.499		-8.94	20
Chloroform	1.218	1.248		2.46	20
1,1,1-Trichloroethane	1.068	1.105		3.46	20
Methylcyclohexane	0.457	0.513		12.25	20
1,1-Dichloropropene	0.487	0.512		5.13	20
Benzene	1.463	1.575		7.66	20
1,2-Dichloroethane	0.551	0.585		6.17	20
Trichloroethene	0.341	0.359		5.28	20
1,2-Dichloropropane	0.374	0.407		8.82	20
Dibromomethane	0.270	0.287		6.3	20
Bromodichloromethane	0.549	0.613		11.66	20
4-Methyl-2-Pentanone	0.457	0.535		17.07	20
Toluene	0.848	0.975		14.98	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	0.611		17.73	20
cis-1,3-Dichloropropene	0.554	0.639		15.34	20
1,1,2-Trichloroethane	0.335	0.375		11.94	20
1,3-Dichloropropane	0.583	0.657		12.69	20
2-Chloroethyl Vinyl ether	0.213	0.256		20.19	20
2-Hexanone	0.321	0.386		20.25	20
Dibromochloromethane	0.405	0.460		13.58	20
1,2-Dibromoethane	0.334	0.366		9.58	20
Tetrachloroethene	0.341	0.361		5.86	20
Chlorobenzene	1.095	1.171	0.3	6.94	20
1,1,1,2-Tetrachloroethane	0.402	0.430		6.97	20
Hexachloroethane	0.618	0.625		1.13	20
Ethyl Benzene	1.784	2.053		15.08	20
m/p-Xylenes	0.659	0.785		19.12	20
o-Xylene	0.630	0.739		17.3	20
Styrene	1.043	1.279		22.63	20
Bromoform	0.288	0.334	0.1	15.97	20
Isopropylbenzene	3.375	3.736		10.7	20
1,1,2,2-Tetrachloroethane	1.192	1.170	0.3	-1.85	20
1,2,3-Trichloropropane	1.016	0.945		-6.99	20
Bromobenzene	0.882	0.891		1.02	20
n-propylbenzene	3.995	4.503		12.72	20
2-Chlorotoluene	2.586	2.728		5.49	20
1,3,5-Trimethylbenzene	2.787	3.177		13.99	20
4-Chlorotoluene	2.574	2.778		7.93	20
tert-Butylbenzene	2.341	2.605		11.28	20
1,2,4-Trimethylbenzene	2.778	3.219		15.88	20
sec-Butylbenzene	3.244	3.731		15.01	20
p-Isopropyltoluene	2.631	3.155		19.92	20
1,3-Dichlorobenzene	1.624	1.699		4.62	20
1,4-Dichlorobenzene	1.683	1.700		1.01	20
n-Butylbenzene	2.327	2.700		16.03	20
1,2-Dichlorobenzene	1.620	1.644		1.48	20
1,2-Dibromo-3-Chloropropane	0.218	0.225		3.21	20
1,2,4-Trichlorobenzene	0.753	0.817		8.5	20
Hexachlorobutadiene	0.400	0.410		2.5	20
Naphthalene	2.246	2.357		4.94	20
1,2,3-Trichlorobenzene	0.762	0.780		2.36	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.807	0.777		-3.72	20
Dibromofluoromethane	0.347	0.355		2.31	20
Toluene-d8	1.232	1.296		5.2	20
4-Bromofluorobenzene	0.422	0.467		10.66	20

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