

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1328 SAS No.: Q1328 SDG No.: Q1328

Instrument ID: MSVOA_N Calibration Date/Time: 02/10/2025 12:12

Lab File ID: VN085718.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	0.796		17.58	20
Chloromethane	0.733	0.752	0.1	2.59	20
Vinyl Chloride	0.737	0.810		9.9	20
Ethyl Acetate	0.491	0.441		-10.18	20
Bromomethane	0.445	0.505		13.48	20
Chloroethane	0.467	0.493		5.57	20
Trichlorofluoromethane	1.069	1.121		4.86	20
1,1,2-Trichlorotrifluoroethane	0.602	0.644		6.98	20
Tert butyl alcohol	0.092	0.095		3.26	20
1,1-Dichloroethene	0.537	0.606		12.85	20
Acrolein	0.126	0.115		-8.73	20
Acrylonitrile	0.294	0.294		0	20
Acetone	0.261	0.229		-12.26	20
Carbon Disulfide	1.652	1.770		7.14	20
Methyl tert-butyl Ether	1.742	1.949		11.88	20
Methyl Acetate	0.793	0.732		-7.69	20
Methylene Chloride	0.646	0.682		5.57	20
trans-1,2-Dichloroethene	0.573	0.644		12.39	20
Vinyl Acetate	1.353	1.398		3.33	20
1,1-Dichloroethane	1.178	1.205	0.1	2.29	20
Cyclohexane	1.024	0.971		-5.18	20
2-Butanone	0.384	0.363		-5.47	20
Carbon Tetrachloride	0.557	0.585		5.03	20
2,2-Dichloropropane	0.953	1.083		13.64	20
cis-1,2-Dichloroethene	0.675	0.757		12.15	20
Bromochloromethane	0.548	0.459		-16.24	20
Chloroform	1.218	1.237		1.56	20
1,1,1-Trichloroethane	1.068	1.115		4.4	20
Methylcyclohexane	0.457	0.518		13.35	20
1,1-Dichloropropene	0.487	0.514		5.54	20
Benzene	1.463	1.580		8	20
1,2-Dichloroethane	0.551	0.537		-2.54	20
Trichloroethene	0.341	0.372		9.09	20
1,2-Dichloropropane	0.374	0.377		0.8	20
Dibromomethane	0.270	0.273		1.11	20
Bromodichloromethane	0.549	0.577		5.1	20
4-Methyl-2-Pentanone	0.457	0.447		-2.19	20
Toluene	0.848	0.973		14.74	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	0.582		12.14	20
cis-1,3-Dichloropropene	0.554	0.630		13.72	20
1,1,2-Trichloroethane	0.335	0.362		8.06	20
1,3-Dichloropropane	0.583	0.629		7.89	20
2-Chloroethyl Vinyl ether	0.213	0.263		23.47	20
2-Hexanone	0.321	0.325		1.25	20
Dibromochloromethane	0.405	0.442		9.14	20
1,2-Dibromoethane	0.334	0.351		5.09	20
Tetrachloroethene	0.341	0.392		14.96	20
Chlorobenzene	1.095	1.209	0.3	10.41	20
1,1,1,2-Tetrachloroethane	0.402	0.433		7.71	20
Hexachloroethane	0.618	0.624		0.97	20
Ethyl Benzene	1.784	2.105		17.99	20
m/p-Xylenes	0.659	0.816		23.82	20
o-Xylene	0.630	0.777		23.33	20
Styrene	1.043	1.307		25.31	20
Bromoform	0.288	0.333	0.1	15.63	20
Isopropylbenzene	3.375	3.842		13.84	20
1,1,2,2-Tetrachloroethane	1.192	1.189	0.3	-0.25	20
1,2,3-Trichloropropane	1.016	1.077		6	20
Bromobenzene	0.882	0.960		8.84	20
n-propylbenzene	3.995	4.556		14.04	20
2-Chlorotoluene	2.586	2.824		9.2	20
1,3,5-Trimethylbenzene	2.787	3.276		17.55	20
4-Chlorotoluene	2.574	2.844		10.49	20
tert-Butylbenzene	2.341	2.666		13.88	20
1,2,4-Trimethylbenzene	2.778	3.323		19.62	20
sec-Butylbenzene	3.244	3.768		16.15	20
p-Isopropyltoluene	2.631	3.157		19.99	20
1,3-Dichlorobenzene	1.624	1.781		9.67	20
1,4-Dichlorobenzene	1.683	1.754		4.22	20
n-Butylbenzene	2.327	2.627		12.89	20
1,2-Dichlorobenzene	1.620	1.714		5.8	20
1,2-Dibromo-3-Chloropropane	0.218	0.219		0.46	20
1,2,4-Trichlorobenzene	0.753	0.832		10.49	20
Hexachlorobutadiene	0.400	0.405		1.25	20
Naphthalene	2.246	2.540		13.09	20
1,2,3-Trichlorobenzene	0.762	0.820		7.61	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.807	0.653		-19.08	20
Dibromofluoromethane	0.347	0.319		-8.07	20
Toluene-d8	1.232	1.130		-8.28	20
4-Bromofluorobenzene	0.422	0.404		-4.26	20

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