

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4549 SAS No.: P4549 SDG No.: P4549

Instrument ID: MSVOA_N Calibration Date/Time: 10/25/2024 19:37

Lab File ID: VN084527.D Init. Calib. Date(s): 10/08/2024 10/08/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:43 11:19

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.832	1.694		-7.53	50
Chloromethane	2.084	1.957		-6.09	50
Vinyl Chloride	2.044	1.938	0.1	-5.19	50
Bromomethane	1.354	1.250	0.1	-7.68	50
Chloroethane	1.340	1.229		-8.28	50
Trichlorofluoromethane	3.329	3.208		-3.63	50
1,1,2-Trichlorotrifluoroethane	1.872	1.881		0.48	50
1,1-Dichloroethene	1.868	1.752	0.1	-6.21	50
Acrolein	0.434	0.424		-2.3	50
Acrylonitrile	1.051	0.946		-9.99	50
Acetone	0.300	0.258		-14	50
Carbon Disulfide	5.562	4.811		-13.5	50
Methyl tert-Butyl Ether	6.242	5.925		-5.08	50
Methyl Acetate	2.339	2.432		3.98	50
Methylene Chloride	2.104	2.094		-0.47	50
trans-1,2-Dichloroethene	1.977	1.851		-6.37	50
1,1-Dichloroethane	3.736	3.694	0.2	-1.12	50
Cyclohexane	0.570	0.523		-8.25	50
2-Butanone	0.262	0.236		-9.92	50
Carbon Tetrachloride	0.545	0.538	0.1	-1.28	50
2,2-Dichloropropane	0.579	0.448		-22.63	50
cis-1,2-Dichloroethene	2.300	2.230		-3.04	50
Chloroform	3.783	3.831	0.2	1.27	50
1,1,1-Trichloroethane	0.629	0.624	0.1	-0.8	50
Methylcyclohexane	0.541	0.468		-13.49	50
1,1-Dichloropropene	0.492	0.465		-5.49	50
Benzene	1.542	1.548	0.5	0.39	50
1,2-Dichloroethane	0.514	0.521	0.1	1.36	50
Trichloroethene	0.355	0.350	0.3	-1.41	50
1,2-Dichloropropane	0.376	0.372		-1.06	50
Dibromomethane	0.263	0.259		-1.52	50
Bromodichloromethane	0.558	0.558	0.2	0	50
4-Methyl-2-Pentanone	0.559	0.534		-4.47	50
Toluene	1.756	1.770	0.4	0.8	50
t-1,3-Dichloropropene	0.576	0.526	0.1	-8.68	50
cis-1,3-Dichloropropene	0.604	0.571	0.2	-5.46	50
1,1,2-Trichloroethane	0.353	0.360	0.1	1.98	50
1,3-Dichloropropane	0.617	0.600		-2.76	50

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	RRF020	MIN RRF	%D	MAX%D
2-Hexanone	0.415	0.386		-6.99	50
Dibromochloromethane	0.417	0.423	0.1	1.44	50
1,2-Dibromoethane	0.364	0.350		-3.85	50
Tetrachloroethene	0.339	0.351	0.2	3.54	50
Chlorobenzene	1.093	1.081	0.5	-1.1	50
1,1,1,2-Tetrachloroethane	0.380	0.388		2.11	50
Hexachloroethane	0.286	0.274		-4.2	50
Ethyl Benzene	1.908	1.839	0.1	-3.62	50
m/p-Xylenes	0.724	0.719	0.3	-0.69	50
o-Xylene	0.698	0.686	0.3	-1.72	50
Styrene	1.198	1.171	0.3	-2.25	50
Bromoform	0.277	0.264	0.1	-4.69	50
Isopropylbenzene	1.781	1.714		-3.76	50
1,1,2,2-Tetrachloroethane	0.551	0.548	0.3	-0.54	50
1,2,3-Trichloropropane	0.472	0.515		9.11	50
Bromobenzene	0.431	0.443		2.78	50
n-propylbenzene	2.123	2.063		-2.83	50
2-Chlorotoluene	1.319	1.315		-0.3	50
1,3,5-Trimethylbenzene	1.500	1.512		0.8	50
4-Chlorotoluene	1.341	1.316		-1.86	50
tert-butylbenzene	1.279	1.238		-3.21	50
1,2,4-Trimethylbenzene	1.522	1.492		-1.97	50
sec-Butylbenzene	1.762	1.731		-1.76	50
p-Isopropyltoluene	1.483	1.413		-4.72	50
1,3-Dichlorobenzene	0.802	0.799	0.2	-0.37	50
1,4-Dichlorobenzene	0.796	0.779	0.2	-2.14	50
n-Butylbenzene	1.284	1.164		-9.35	50
1,2-Dichlorobenzene	0.775	0.752	0.2	-2.97	50
1,2-Dibromo-3-Chloropropane	0.113	0.101		-10.62	50
1,2,4-Trichlorobenzene	0.403	0.374	0.2	-7.2	50
Hexachlorobutadiene	0.187	0.166		-11.23	50
Naphthalene	1.366	1.139		-16.62	50
1,2,3-Trichlorobenzene	0.403	0.374		-7.2	50
1,2-Dichloroethane-d4	2.415	2.425	0.01	0.41	50
Toluene-d8	1.390	1.397	0.01	0.5	50
4-Bromofluorobenzene	0.495	0.489	0.2	-1.21	50
Methyl Iodide	2.455	2.276		-7.29	50
Methyl methacrylate	0.409	0.376		-8.07	50

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