

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4774 SAS No.: P4774 SDG No.: P4774

Instrument ID: MSVOA_N Calibration Date/Time: 11/08/2024 19:44

Lab File ID: VN084761.D Init. Calib. Date(s): 10/30/2024 10/30/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:46 13:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.952	0.559	0.1	-41.28	50
Vinyl Chloride	0.618	0.550		-11	50
Bromomethane	0.328	0.301		-8.23	50
Chloroethane	0.488	0.360		-26.23	50
Trichlorofluoromethane	1.018	0.897		-11.89	50
1,1,2-Trichlorotrifluoroethane	0.575	0.497		-13.56	50
1,1-Dichloroethene	0.569	0.503		-11.6	50
Acetone	0.238	0.210		-11.77	50
Carbon Disulfide	1.753	1.332		-24.02	50
Methyl tert-butyl Ether	1.745	1.840		5.44	50
Methylene Chloride	0.635	0.610		-3.94	50
trans-1,2-Dichloroethene	0.585	0.537		-8.2	50
1,1-Dichloroethane	1.102	1.057	0.1	-4.08	50
2-Butanone	0.337	0.333		-1.19	50
Carbon Tetrachloride	0.525	0.488		-7.05	50
cis-1,2-Dichloroethene	0.683	0.666		-2.49	50
Chloroform	1.121	1.122		0.09	50
1,1,1-Trichloroethane	1.021	0.997		-2.35	50
Methylcyclohexane	0.478	0.431		-9.83	50
Benzene	1.507	1.371		-9.02	50
1,2-Dichloroethane	0.488	0.475		-2.66	50
Trichloroethene	0.348	0.317		-8.91	50
1,2-Dichloropropane	0.354	0.340		-3.95	50
Bromodichloromethane	0.526	0.525		-0.19	50
4-Methyl-2-Pentanone	0.406	0.408		0.49	50
Toluene	0.882	0.845		-4.2	50
t-1,3-Dichloropropene	0.544	0.511		-6.07	50
cis-1,3-Dichloropropene	0.576	0.548		-4.86	50
1,1,2-Trichloroethane	0.332	0.326		-1.81	50
2-Hexanone	0.296	0.302		2.03	50
Dibromochloromethane	0.378	0.396		4.76	50
Tetrachloroethene	0.333	0.295		-11.41	50
Chlorobenzene	1.119	0.988	0.3	-11.71	50
Ethyl Benzene	1.867	1.744		-6.59	50
m/p-Xylenes	0.707	0.657		-7.07	50
o-Xylene	0.661	0.641		-3.03	50
Styrene	1.154	1.108		-3.99	50
Bromoform	0.293	0.295	0.1	0.68	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	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.504	2.879		-17.84	50
1,1,2,2-Tetrachloroethane	1.170	0.933	0.3	-20.26	50
1,3-Dichlorobenzene	1.838	1.384		-24.7	50
1,4-Dichlorobenzene	1.937	1.351		-30.25	50
1,2-Dichlorobenzene	1.766	1.373		-22.25	50
1,2-Dichloroethane-d4	0.722	0.747		3.46	50
Dibromofluoromethane	0.338	0.351		3.85	50
Toluene-d8	1.247	1.278		2.49	50
4-Bromofluorobenzene	0.466	0.526		12.88	50

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