



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: 03631 SAS No.: 03631 SDG No.: 03631

Instrument ID: MSVOA_N Calibration Date/Time: 07/14/2023 09:12

Lab File ID: VN078508.D Init. Calib. Date(s): 07/10/2023 07/10/2023

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:21 14:46

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.613	0.519		-15.33	20
Chloromethane	0.666	0.662	0.1	-0.6	20
Vinyl Chloride	0.862	0.795		-7.77	20
Bromomethane	0.616	0.521		-15.42	20
Chloroethane	0.583	0.519		-10.98	20
Trichlorofluoromethane	1.030	0.958		-6.99	20
1,1,2-Trichlorotrifluoroethane	0.545	0.527		-3.3	20
1,1-Dichloroethene	0.528	0.486		-7.95	20
Acetone	0.209	0.210		0.48	20
Carbon Disulfide	1.526	1.292		-15.33	20
Methyl tert-butyl Ether	1.738	1.682		-3.22	20
Methyl Acetate	0.884	0.808		-8.6	20
Methylene Chloride	0.674	0.592		-12.17	20
trans-1,2-Dichloroethene	0.595	0.552		-7.23	20
1,1-Dichloroethane	1.088	1.033	0.1	-5.05	20
Cyclohexane	0.906	0.825		-8.94	20
2-Butanone	0.329	0.320		-2.74	20
Carbon Tetrachloride	0.533	0.529		-0.75	20
cis-1,2-Dichloroethene	0.688	0.660		-4.07	20
Bromochloromethane	0.512	0.509		-0.59	20
Chloroform	1.132	1.126		-0.53	20
1,1,1-Trichloroethane	1.015	0.999		-1.58	20
Methylcyclohexane	0.447	0.451		0.89	20
Benzene	1.452	1.430		-1.51	20
1,2-Dichloroethane	0.494	0.491		-0.61	20
Trichloroethene	0.391	0.375		-4.09	20
1,2-Dichloropropane	0.368	0.366		-0.54	20
Bromodichloromethane	0.519	0.535		3.08	20
4-Methyl-2-Pentanone	0.400	0.408		2	20
Toluene	0.900	0.925		2.78	20
t-1,3-Dichloropropene	0.532	0.560		5.26	20
cis-1,3-Dichloropropene	0.567	0.594		4.76	20
1,1,2-Trichloroethane	0.355	0.359		1.13	20
2-Hexanone	0.284	0.290		2.11	20
Dibromochloromethane	0.391	0.408		4.35	20
1,2-Dibromoethane	0.365	0.367		0.55	20
Tetrachloroethene	0.376	0.380		1.06	20
Chlorobenzene	1.118	1.098	0.3	-1.79	20
Ethyl Benzene	1.889	1.932		2.28	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
m/p-Xylenes	0.698	0.737		5.59	20
o-Xylene	0.705	0.722		2.41	20
Styrene	1.104	1.170		5.98	20
Bromoform	0.291	0.293	0.1	0.69	20
Isopropylbenzene	4.698	4.239		-9.77	20
1,1,2,2-Tetrachloroethane	1.586	1.294	0.3	-18.41	20
n-propylbenzene	5.024	4.827		-3.92	20
1,3,5-Trimethylbenzene	3.712	3.463		-6.71	20
tert-Butylbenzene	3.152	2.876		-8.76	20
1,2,4-Trimethylbenzene	3.606	3.424		-5.05	20
sec-Butylbenzene	3.984	3.700		-7.13	20
p-Isopropyltoluene	3.199	3.034		-5.16	20
1,3-Dichlorobenzene	1.804	1.728		-4.21	20
1,4-Dichlorobenzene	1.817	1.691		-6.93	20
n-Butylbenzene	2.289	2.295		0.26	20
1,2-Dichlorobenzene	1.795	1.683		-6.24	20
1,2-Dibromo-3-Chloropropane	0.262	0.207		-20.99	20
1,2,4-Trichlorobenzene	0.573	0.523		-8.73	20
1,2,3-Trichlorobenzene	0.659	0.571		-13.35	20
1,2-Dichloroethane-d4	0.670	0.687		2.54	20
Dibromofluoromethane	0.339	0.357		5.31	20
Toluene-d8	1.282	1.330		3.74	20
4-Bromofluorobenzene	0.395	0.427		8.1	20

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