



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.: 03645 SAS No.: 03645 SDG No.: 03645

Instrument ID: MSVOA_N Calibration Date/Time: 07/18/2023 10:29

Lab File ID: VN078550.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	0.516		-15.82	20
Chloromethane	0.666	0.661	0.1	-0.75	20
Vinyl Chloride	0.862	0.831		-3.6	20
Bromomethane	0.616	0.530		-13.96	20
Chloroethane	0.583	0.515		-11.66	20
Trichlorofluoromethane	1.030	0.939		-8.84	20
1,1,2-Trichlorotrifluoroethane	0.545	0.527		-3.3	20
1,1-Dichloroethene	0.528	0.490		-7.2	20
Acetone	0.209	0.196		-6.22	20
Carbon Disulfide	1.526	1.215		-20.38	20
Methyl tert-butyl Ether	1.738	1.647		-5.24	20
Methyl Acetate	0.884	0.773		-12.56	20
Methylene Chloride	0.674	0.573		-14.98	20
trans-1,2-Dichloroethene	0.595	0.552		-7.23	20
1,1-Dichloroethane	1.088	1.005	0.1	-7.63	20
Cyclohexane	0.906	0.757		-16.45	20
2-Butanone	0.329	0.304		-7.6	20
Carbon Tetrachloride	0.533	0.547		2.63	20
cis-1,2-Dichloroethene	0.688	0.671		-2.47	20
Bromochloromethane	0.512	0.496		-3.13	20
Chloroform	1.132	1.120		-1.06	20
1,1,1-Trichloroethane	1.015	0.998		-1.67	20
Methylcyclohexane	0.447	0.455		1.79	20
Benzene	1.452	1.472		1.38	20
1,2-Dichloroethane	0.494	0.513		3.85	20
Trichloroethene	0.391	0.393		0.51	20
1,2-Dichloropropane	0.368	0.379		2.99	20
Bromodichloromethane	0.519	0.552		6.36	20
4-Methyl-2-Pentanone	0.400	0.407		1.75	20
Toluene	0.900	0.945		5	20
t-1,3-Dichloropropene	0.532	0.559		5.07	20
cis-1,3-Dichloropropene	0.567	0.609		7.41	20
1,1,2-Trichloroethane	0.355	0.373		5.07	20
2-Hexanone	0.284	0.285		0.35	20
Dibromochloromethane	0.391	0.425		8.7	20
1,2-Dibromoethane	0.365	0.385		5.48	20
Tetrachloroethene	0.376	0.388		3.19	20
Chlorobenzene	1.118	1.128	0.3	0.89	20
Ethyl Benzene	1.889	1.952		3.34	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	0.751		7.59	20
o-Xylene	0.705	0.728		3.26	20
Styrene	1.104	1.212		9.78	20
Bromoform	0.291	0.318	0.1	9.28	20
Isopropylbenzene	4.698	4.460		-5.07	20
1,1,2,2-Tetrachloroethane	1.586	1.371	0.3	-13.56	20
n-propylbenzene	5.024	5.004		-0.4	20
1,3,5-Trimethylbenzene	3.712	3.663		-1.32	20
tert-Butylbenzene	3.152	3.070		-2.6	20
1,2,4-Trimethylbenzene	3.606	3.589		-0.47	20
sec-Butylbenzene	3.984	3.958		-0.65	20
p-Isopropyltoluene	3.199	3.249		1.56	20
1,3-Dichlorobenzene	1.804	1.838		1.88	20
1,4-Dichlorobenzene	1.817	1.768		-2.7	20
n-Butylbenzene	2.289	2.369		3.49	20
1,2-Dichlorobenzene	1.795	1.784		-0.61	20
1,2-Dibromo-3-Chloropropane	0.262	0.215		-17.94	20
1,2,4-Trichlorobenzene	0.573	0.572		-0.17	20
1,2,3-Trichlorobenzene	0.659	0.623		-5.46	20
1,2-Dichloroethane-d4	0.670	0.659		-1.64	20
Dibromofluoromethane	0.339	0.373		10.03	20
Toluene-d8	1.282	1.384		7.96	20
4-Bromofluorobenzene	0.395	0.439		11.14	20

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