



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_Y Calibration Date/Time: 07/17/2023 11:00
Lab File ID: VY014663.D Init. Calib. Date(s): 07/13/2023 07/13/2023
Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:05 13:31
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.407	0.367		-9.83	20
Chloromethane	0.458	0.462	0.1	0.87	20
Vinyl Chloride	0.512	0.522		1.95	20
Bromomethane	0.338	0.368		8.88	20
Chloroethane	0.320	0.337		5.31	20
Trichlorofluoromethane	0.860	0.844		-1.86	20
1,1,2-Trichlorotrifluoroethane	0.527	0.517		-1.9	20
1,1-Dichloroethene	0.492	0.483		-1.83	20
Acetone	0.181	0.212		17.13	20
Carbon Disulfide	1.410	1.307		-7.3	20
Methyl tert-butyl Ether	1.599	1.746		9.19	20
Methyl Acetate	0.693	0.848		22.37	20
Methylene Chloride	0.656	0.618		-5.79	20
trans-1,2-Dichloroethene	0.559	0.552		-1.25	20
1,1-Dichloroethane	1.017	1.034	0.1	1.67	20
Cyclohexane	0.946	0.840		-11.2	20
2-Butanone	0.264	0.319		20.83	20
Carbon Tetrachloride	0.503	0.510		1.39	20
cis-1,2-Dichloroethene	0.650	0.674		3.69	20
Bromochloromethane	0.438	0.449		2.51	20
Chloroform	1.049	1.079		2.86	20
1,1,1-Trichloroethane	0.944	0.945		0.11	20
Methylcyclohexane	0.620	0.585		-5.64	20
Benzene	1.354	1.373		1.4	20
1,2-Dichloroethane	0.429	0.457		6.53	20
Trichloroethene	0.379	0.387		2.11	20
1,2-Dichloropropane	0.353	0.361		2.27	20
Bromodichloromethane	0.505	0.529		4.75	20
4-Methyl-2-Pentanone	0.328	0.392		19.51	20
Toluene	0.866	0.876		1.15	20
t-1,3-Dichloropropene	0.553	0.581		5.06	20
cis-1,3-Dichloropropene	0.601	0.624		3.83	20
1,1,2-Trichloroethane	0.299	0.326		9.03	20
2-Hexanone	0.239	0.288		20.5	20
Dibromochloromethane	0.366	0.399		9.02	20
1,2-Dibromoethane	0.298	0.326		9.4	20
Tetrachloroethene	0.402	0.412		2.49	20
Chlorobenzene	1.065	1.087	0.3	2.07	20
Ethyl Benzene	1.924	1.925		0.05	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	0.734	0.736		0.27	20
o-Xylene	0.715	0.726		1.54	20
Styrene	1.206	1.241		2.9	20
Bromoform	0.272	0.313	0.1	15.07	20
Isopropylbenzene	3.915	3.814		-2.58	20
1,1,2,2-Tetrachloroethane	0.893	0.971	0.3	8.73	20
n-propylbenzene	4.718	4.579		-2.95	20
1,3,5-Trimethylbenzene	3.270	3.214		-1.71	20
tert-Butylbenzene	2.900	2.843		-1.97	20
1,2,4-Trimethylbenzene	3.209	3.205		-0.13	20
sec-Butylbenzene	4.255	4.180		-1.76	20
p-Isopropyltoluene	3.474	3.482		0.23	20
1,3-Dichlorobenzene	1.739	1.782		2.47	20
1,4-Dichlorobenzene	1.743	1.794		2.93	20
n-Butylbenzene	3.380	3.302		-2.31	20
1,2-Dichlorobenzene	1.594	1.648		3.39	20
1,2-Dibromo-3-Chloropropane	0.171	0.198		15.79	20
1,2,4-Trichlorobenzene	1.012	1.075		6.22	20
1,2,3-Trichlorobenzene	0.899	0.963		7.12	20
1,2-Dichloroethane-d4	0.570	0.569		-0.17	20
Dibromofluoromethane	0.318	0.318		0	20
Toluene-d8	1.173	1.123		-4.26	20
4-Bromofluorobenzene	0.450	0.434		-3.56	20

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