



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHAZ02

Lab Code: CHEM Case No.: M1785 SAS No.: M1785 SDG No.: M1785

Instrument ID: MSVOA_X Calibration Date/Time: 03/29/2021 09:35

Lab File ID: VX021564.D Init. Calib. Date(s): 03/24/2021 03/24/2021

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:04 11:58

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.550	0.514		-6.55	20
Chloromethane	0.702	0.561	0.1	-20.08	20
Vinyl Chloride	0.562	0.525		-6.58	20
Bromomethane	0.226	0.232		2.65	20
Chloroethane	0.357	0.326		-8.68	20
Trichlorofluoromethane	0.914	0.879		-3.83	20
1,1,2-Trichlorotrifluoroethane	0.515	0.492		-4.47	20
1,1-Dichloroethene	0.504	0.457		-9.32	20
Acetone	0.315	0.256		-18.73	20
Carbon Disulfide	1.415	1.197		-15.41	20
Methyl tert-butyl Ether	1.882	1.769		-6	20
Methyl Acetate	0.909	0.865		-4.84	20
Methylene Chloride	0.614	0.554		-9.77	20
trans-1,2-Dichloroethene	0.553	0.502		-9.22	20
1,1-Dichloroethane	1.071	1.006	0.1	-6.07	20
Cyclohexane	0.915	0.847		-7.43	20
2-Butanone	0.477	0.407		-14.68	20
Carbon Tetrachloride	0.526	0.524		-0.38	20
cis-1,2-Dichloroethene	0.643	0.605		-5.91	20
Bromochloromethane	0.536	0.484		-9.7	20
Chloroform	1.131	1.077		-4.78	20
1,1,1-Trichloroethane	1.002	0.950		-5.19	20
Methylcyclohexane	0.543	0.530		-2.39	20
Benzene	1.391	1.334		-4.1	20
1,2-Dichloroethane	0.603	0.586		-2.82	20
Trichloroethene	0.367	0.348		-5.18	20
1,2-Dichloropropane	0.377	0.368		-2.39	20
Bromodichloromethane	0.559	0.557		-0.36	20
4-Methyl-2-Pentanone	0.566	0.527		-6.89	20
Toluene	0.859	0.848		-1.28	20
t-1,3-Dichloropropene	0.564	0.564		0	20
cis-1,3-Dichloropropene	0.601	0.608		1.16	20
1,1,2-Trichloroethane	0.363	0.361		-0.55	20
2-Hexanone	0.425	0.398		-6.35	20
Dibromochloromethane	0.406	0.421		3.69	20
1,2-Dibromoethane	0.390	0.375		-3.85	20
Tetrachloroethene	0.335	0.335		0	20
Chlorobenzene	1.004	0.975	0.3	-2.89	20
Ethyl Benzene	1.831	1.787		-2.4	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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m/p-Xylenes	0.652	0.663		1.69	20
o-Xylene	0.632	0.627		-0.79	20
Styrene	1.086	1.099		1.2	20
Bromoform	0.313	0.317	0.1	1.28	20
Isopropylbenzene	3.513	3.556		1.22	20
1,1,2,2-Tetrachloroethane	1.241	1.137	0.3	-8.38	20
n-propylbenzene	4.149	4.187		0.92	20
1,3,5-Trimethylbenzene	3.001	3.044		1.43	20
tert-Butylbenzene	2.922	2.834		-3.01	20
1,2,4-Trimethylbenzene	3.026	3.054		0.93	20
sec-Butylbenzene	3.371	3.376		0.15	20
1,3-Dichlorobenzene	1.568	1.502		-4.21	20
1,4-Dichlorobenzene	1.622	1.542		-4.93	20
n-Butylbenzene	2.811	2.871		2.13	20
1,2-Dichlorobenzene	1.525	1.455		-4.59	20
1,2-Dibromo-3-Chloropropane	0.286	0.273		-4.55	20
1,2,4-Trichlorobenzene	0.999	1.007		0.8	20
1,2,3-Trichlorobenzene	0.999	0.998		-0.1	20
1,2-Dichloroethane-d4	0.832	0.769		-7.57	20
Dibromofluoromethane	0.355	0.343		-3.38	20
Toluene-d8	1.266	1.201		-5.13	20
4-Bromofluorobenzene	0.492	0.471		-4.27	20
1,4-Dioxane	8.784	7.964	0.05	-9.34	50

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