

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4549 SAS No.: P4549 SDG No.: P4549

Instrument ID: MSVOA_N Calibration Date/Time: 10/25/2024 10:04

Lab File ID: VN084504.D Init. Calib. Date(s): 10/08/2024 10/08/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:43 11:19

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.832	1.676		-8.52	
Chloromethane	2.084	1.831		-12.14	
Vinyl Chloride	2.044	1.874	0.1	-8.32	
Bromomethane	1.354	1.189	0.1	-12.19	
Chloroethane	1.340	1.274		-4.93	
Trichlorofluoromethane	3.329	3.123		-6.19	
1,1,2-Trichlorotrifluoroethane	1.872	1.862		-0.53	
1,1-Dichloroethene	1.868	1.715	0.1	-8.19	
Acrolein	0.434	0.431		-0.69	
Acrylonitrile	1.051	0.953		-9.32	
Acetone	0.300	0.368		22.67	
Carbon Disulfide	5.562	4.632		-16.72	
Methyl tert-Butyl Ether	6.242	5.963		-4.47	
Methyl Acetate	2.339	2.483		6.16	
Methylene Chloride	2.104	1.939		-7.84	
trans-1,2-Dichloroethene	1.977	1.797		-9.1	
1,1-Dichloroethane	3.736	3.621	0.2	-3.08	
Cyclohexane	0.570	0.489		-14.21	
2-Butanone	0.262	0.252		-3.82	
Carbon Tetrachloride	0.545	0.504	0.1	-7.52	
2,2-Dichloropropane	0.579	0.569		-1.73	
cis-1,2-Dichloroethene	2.300	2.240		-2.61	
Chloroform	3.783	3.824	0.2	1.08	
1,1,1-Trichloroethane	0.629	0.603	0.1	-4.13	
Methylcyclohexane	0.541	0.486		-10.17	
1,1-Dichloropropene	0.492	0.447		-9.15	
Benzene	1.542	1.442	0.5	-6.49	
1,2-Dichloroethane	0.514	0.488	0.1	-5.06	
Trichloroethene	0.355	0.335	0.3	-5.63	
1,2-Dichloropropane	0.376	0.353		-6.12	
Dibromomethane	0.263	0.248		-5.7	
Bromodichloromethane	0.558	0.524	0.2	-6.09	
4-Methyl-2-Pentanone	0.559	0.530		-5.19	
Toluene	1.756	1.683	0.4	-4.16	
t-1,3-Dichloropropene	0.576	0.532	0.1	-7.64	
cis-1,3-Dichloropropene	0.604	0.565	0.2	-6.46	
1,1,2-Trichloroethane	0.353	0.335	0.1	-5.1	
1,3-Dichloropropane	0.617	0.579		-6.16	

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	RRF020	MIN RRF	%D	MAX%D
2-Hexanone	0.415	0.406		-2.17	
Dibromochloromethane	0.417	0.392	0.1	-5.99	
1,2-Dibromoethane	0.364	0.334		-8.24	
Tetrachloroethene	0.339	0.348	0.2	2.65	
Chlorobenzene	1.093	1.036	0.5	-5.22	
1,1,1,2-Tetrachloroethane	0.380	0.376		-1.05	
Hexachloroethane	0.286	0.267		-6.64	
Ethyl Benzene	1.908	1.839	0.1	-3.62	
m/p-Xylenes	0.724	0.700	0.3	-3.32	
o-Xylene	0.698	0.660	0.3	-5.44	
Styrene	1.198	1.135	0.3	-5.26	
Bromoform	0.277	0.257	0.1	-7.22	
Isopropylbenzene	1.781	1.702		-4.44	
1,1,2,2-Tetrachloroethane	0.551	0.534	0.3	-3.09	
1,2,3-Trichloropropane	0.472	0.431		-8.69	
Bromobenzene	0.431	0.413		-4.18	
n-propylbenzene	2.123	2.073		-2.36	
2-Chlorotoluene	1.319	1.281		-2.88	
1,3,5-Trimethylbenzene	1.500	1.481		-1.27	
4-Chlorotoluene	1.341	1.299		-3.13	
tert-butylbenzene	1.279	1.245		-2.66	
1,2,4-Trimethylbenzene	1.522	1.452		-4.6	
sec-Butylbenzene	1.762	1.726		-2.04	
p-Isopropyltoluene	1.483	1.429		-3.64	
1,3-Dichlorobenzene	0.802	0.774	0.2	-3.49	
1,4-Dichlorobenzene	0.796	0.772	0.2	-3.02	
n-Butylbenzene	1.284	1.218		-5.14	
1,2-Dichlorobenzene	0.775	0.774	0.2	-0.13	
1,2-Dibromo-3-Chloropropane	0.113	0.109		-3.54	
1,2,4-Trichlorobenzene	0.403	0.370	0.2	-8.19	
Hexachlorobutadiene	0.187	0.184		-1.6	
Naphthalene	1.366	1.162		-14.93	
1,2,3-Trichlorobenzene	0.403	0.370		-8.19	
1,2-Dichloroethane-d4	2.415	2.412	0.01	-0.12	
Toluene-d8	1.390	1.390	0.01	0	
4-Bromofluorobenzene	0.495	0.511	0.2	3.23	
Methyl Iodide	2.455	2.262		-7.86	
Methyl methacrylate	0.409	0.351		-14.18	

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