

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG No.: P3845

Instrument ID: MSVOA_N Calibration Date/Time: 09/11/2024 12:59

Lab File ID: VN083791.D Init. Calib. Date(s): 09/10/2024 09/10/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:08 12:43

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.581	0.608		4.65	20
Chloromethane	0.707	0.632	0.1	-10.61	20
Vinyl Chloride	0.636	0.645		1.41	20
Ethyl Acetate	0.437	0.509		16.48	20
Isopropyl Acetate	0.792	1.121		41.54	20
Bromomethane	0.365	0.366		0.27	20
Chloroethane	0.446	0.435		-2.47	20
Trichlorofluoromethane	1.080	1.102		2.04	20
1,1,2-Trichlorotrifluoroethane	0.573	0.610		6.46	20
Tert butyl alcohol	0.101	0.108		6.93	20
Diethyl Ether	0.362	0.376		3.87	20
1,1-Dichloroethene	0.541	0.546		0.92	20
Acrolein	0.100	0.101		1	20
Acrylonitrile	0.275	0.290		5.45	20
Acetone	0.302	0.326		7.95	20
Carbon Disulfide	1.513	1.434		-5.22	20
Methyl tert-butyl Ether	1.957	2.039		4.19	20
Methyl Acetate	0.735	0.703		-4.35	20
Methylene Chloride	0.618	0.628		1.62	20
trans-1,2-Dichloroethene	0.580	0.566		-2.41	20
Vinyl Acetate	1.453	1.609		10.74	20
1,1-Dichloroethane	1.143	1.149	0.1	0.52	20
Cyclohexane	1.090	1.023		-6.15	20
2-Butanone	0.397	0.423		6.55	20
Carbon Tetrachloride	0.547	0.579		5.85	20
2,2-Dichloropropane	1.052	1.120		6.46	20
cis-1,2-Dichloroethene	0.688	0.705		2.47	20
Chloroform	1.213	1.232		1.57	20
1,1,1-Trichloroethane	1.116	1.149		2.96	20
Methylcyclohexane	0.548	0.600		9.49	20
1,1-Dichloropropene	0.482	0.494		2.49	20
Benzene	1.450	1.541		6.28	20
1,2-Dichloroethane	0.542	0.581		7.2	20
Trichloroethene	0.336	0.352		4.76	20
1,2-Dichloropropane	0.350	0.380		8.57	20
Dibromomethane	0.245	0.264		7.76	20
Bromodichloromethane	0.531	0.588		10.73	20
4-Methyl-2-Pentanone	0.431	0.497		15.31	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
Methyl methacrylate	0.376	0.431		14.63	20
Toluene	0.887	0.956		7.78	20
t-1,3-Dichloropropene	0.539	0.591		9.65	20
cis-1,3-Dichloropropene	0.566	0.623		10.07	20
1,1,2-Trichloroethane	0.331	0.352		6.34	20
1,3-Dichloropropane	0.569	0.618		8.61	20
2-Chloroethyl Vinyl ether	0.184	0.242		31.52	20
2-Hexanone	0.319	0.373		16.93	20
Dibromochloromethane	0.371	0.416		12.13	20
1,2-Dibromoethane	0.330	0.358		8.48	20
Tetrachloroethene	0.333	0.338		1.5	20
Chlorobenzene	1.111	1.131	0.3	1.8	20
1,1,1,2-Tetrachloroethane	0.385	0.405		5.2	20
Hexachloroethane	0.638	0.655		2.66	20
Ethyl Benzene	1.974	2.126		7.7	20
m/p-Xylenes	0.733	0.787		7.37	20
o-Xylene	0.710	0.775		9.15	20
Styrene	1.164	1.300		11.68	20
Bromoform	0.260	0.301	0.1	15.77	20
Isopropylbenzene	3.868	3.980		2.9	20
1,1,2,2-Tetrachloroethane	1.137	1.122	0.3	-1.32	20
1,2,3-Trichloropropane	0.984	0.979		-0.51	20
Bromobenzene	0.931	0.895		-3.87	20
n-propylbenzene	4.501	4.733		5.15	20
2-Chlorotoluene	2.870	2.869		-0.04	20
1,3,5-Trimethylbenzene	3.261	3.387		3.86	20
4-Chlorotoluene	2.880	2.920		1.39	20
tert-Butylbenzene	2.853	2.994		4.94	20
1,2,4-Trimethylbenzene	3.276	3.444		5.13	20
sec-Butylbenzene	3.784	4.068		7.51	20
p-Isopropyltoluene	3.172	3.419		7.79	20
1,3-Dichlorobenzene	1.757	1.693		-3.64	20
1,4-Dichlorobenzene	1.779	1.686		-5.28	20
n-Butylbenzene	2.848	2.956		3.79	20
1,2-Dichlorobenzene	1.696	1.687		-0.53	20
1,2-Dibromo-3-Chloropropane	0.227	0.247		8.81	20
1,2,4-Trichlorobenzene	0.910	0.894		-1.76	20
Hexachlorobutadiene	0.386	0.372		-3.63	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Naphthalene	2.769	2.910		5.09	20
1,2,3-Trichlorobenzene	0.870	0.854		-1.84	20
1,2-Dichloroethane-d4	0.754	0.740		-1.86	20
Dibromofluoromethane	0.320	0.308		-3.75	20
Toluene-d8	1.107	1.130		2.08	20
4-Bromofluorobenzene	0.457	0.447		-2.19	20
N-amy1 acetate	1.650	1.801		9.15	20
Allyl chloride	0.964	1.011		4.88	20
trans-1,4-Dichloro-2-butene	0.385	0.411		6.75	20
Methacrylonitrile	0.259	0.292		12.74	20
1,4-Dioxane	6.185	6.891	0.05	11.41	50

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