

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GARD04

Lab Code: CHEM Case No.: P4646 SAS No.: P4646 SDG No.: P4646

Instrument ID: MSVOA_X Calibration Date/Time: 10/31/2024 09:26

Lab File ID: VX043637.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.535	0.436		-18.5	20
Chloromethane	0.684	0.567	0.1	-17.1	20
Vinyl Chloride	0.634	0.549		-13.41	20
Bromomethane	0.259	0.245		-5.41	20
Chloroethane	0.223	0.223		0	20
Trichlorofluoromethane	0.775	0.742		-4.26	20
1,1,2-Trichlorotrifluoroethane	0.524	0.506		-3.43	20
1,1-Dichloroethene	0.536	0.499		-6.9	20
Acetone	0.317	0.342		7.89	20
Carbon Disulfide	1.120	0.987		-11.88	20
Methyl tert-butyl Ether	2.037	1.935		-5.01	20
Methyl Acetate	0.925	0.865		-6.49	20
Methylene Chloride	0.682	0.647		-5.13	20
trans-1,2-Dichloroethene	0.566	0.539		-4.77	20
1,1-Dichloroethane	1.101	1.048	0.1	-4.81	20
Cyclohexane	0.842	0.760		-9.74	20
2-Butanone	0.462	0.468		1.3	20
Carbon Tetrachloride	0.444	0.400		-9.91	20
cis-1,2-Dichloroethene	0.723	0.730		0.97	20
Bromochloromethane	0.524	0.514		-1.91	20
Chloroform	1.154	1.122		-2.77	20
1,1,1-Trichloroethane	0.969	0.877		-9.49	20
Methylcyclohexane	0.499	0.467		-6.41	20
Benzene	1.341	1.290		-3.8	20
1,2-Dichloroethane	0.482	0.455		-5.6	20
Trichloroethene	0.333	0.332		-0.3	20
1,2-Dichloropropane	0.330	0.327		-0.91	20
Bromodichloromethane	0.446	0.454		1.79	20
4-Methyl-2-Pentanone	0.492	0.494		0.41	20
Toluene	0.813	0.811		-0.25	20
t-1,3-Dichloropropene	0.479	0.492		2.71	20
cis-1,3-Dichloropropene	0.510	0.537		5.29	20
1,1,2-Trichloroethane	0.339	0.354		4.43	20
2-Hexanone	0.374	0.387		3.48	20
Dibromochloromethane	0.335	0.368		9.85	20
1,2-Dibromoethane	0.351	0.360		2.56	20
Tetrachloroethene	0.314	0.300		-4.46	20
Chlorobenzene	1.076	1.062	0.3	-1.3	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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Ethyl Benzene	1.754	1.678		-4.33	20
m/p-Xylenes	0.671	0.659		-1.79	20
o-Xylene	0.674	0.678		0.59	20
Styrene	1.120	1.182		5.54	20
Bromoform	0.253	0.264	0.1	4.35	20
Isopropylbenzene	3.542	3.215		-9.23	20
1,1,2,2-Tetrachloroethane	1.274	1.197	0.3	-6.04	20
1,3-Dichlorobenzene	1.639	1.663		1.46	20
1,4-Dichlorobenzene	1.699	1.684		-0.88	20
1,2-Dichlorobenzene	1.676	1.694		1.07	20
1,2-Dibromo-3-Chloropropane	0.260	0.229		-11.92	20
1,2,4-Trichlorobenzene	1.017	1.072		5.41	20
1,2,3-Trichlorobenzene	1.073	1.066		-0.65	20
1,2-Dichloroethane-d4	0.797	0.754		-5.39	20
Dibromofluoromethane	0.339	0.361		6.49	20
Toluene-d8	1.174	1.249		6.39	20
4-Bromofluorobenzene	0.435	0.486		11.72	20

All other compounds must meet a minimum RRF of 0.010.
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