

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: P5026 SAS No.: P5026 SDG No.: P5026

Instrument ID: MSVOA_Y Calibration Date/Time: 12/02/2024 10:24

Lab File ID: VY020475.D Init. Calib. Date(s): 12/02/2024 12/02/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:16 11:09

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.488	0.527		7.99	
Chloromethane	0.494	0.525		6.28	
Vinyl Chloride	0.503	0.540		7.36	
Bromomethane	0.295	0.307		4.07	
Chloroethane	0.309	0.317		2.59	
Trichlorofluoromethane	0.943	0.971		2.97	
1,1,2-Trichlorotrifluoroethane	0.549	0.551		0.36	
1,1-Dichloroethene	0.519	0.534		2.89	
Acetone	0.126	0.146		15.87	
Carbon Disulfide	1.486	1.660		11.71	
Methyl tert-butyl Ether	1.326	1.358		2.41	
Methyl Acetate	0.269	0.279		3.72	
Methylene Chloride	0.538	0.537		-0.19	
trans-1,2-Dichloroethene	0.576	0.580		0.69	
1,1-Dichloroethane	1.108	1.092		-1.44	
Cyclohexane	1.002	0.999		-0.3	
2-Butanone	0.160	0.179		11.88	
Carbon Tetrachloride	0.634	0.649		2.37	
cis-1,2-Dichloroethene	0.673	0.675		0.3	
Bromochloromethane	0.414	0.445		7.49	
Chloroform	1.137	1.111		-2.29	
1,1,1-Trichloroethane	1.095	1.084		-1	
Methylcyclohexane	0.660	0.693		5	
Benzene	1.567	1.586		1.21	
1,2-Dichloroethane	0.412	0.428		3.88	
Trichloroethene	0.386	0.388		0.52	
1,2-Dichloropropane	0.367	0.360		-1.91	
Bromodichloromethane	0.535	0.531		-0.75	
4-Methyl-2-Pentanone	0.210	0.225		7.14	
Toluene	0.978	0.995		1.74	
t-1,3-Dichloropropene	0.480	0.496		3.33	
cis-1,3-Dichloropropene	0.568	0.581		2.29	
1,1,2-Trichloroethane	0.242	0.247		2.07	
2-Hexanone	0.152	0.172		13.16	
Dibromochloromethane	0.337	0.346		2.67	
1,2-Dibromoethane	0.222	0.227		2.25	
Tetrachloroethene	0.422	0.420		-0.47	
Chlorobenzene	1.253	1.233		-1.6	

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
Ethyl Benzene	2.349	2.344		-0.21	
m/p-Xylenes	0.860	0.848		-1.39	
o-Xylene	0.806	0.805		-0.12	
Styrene	1.344	1.347		0.22	
Bromoform	0.226	0.230		1.77	
Isopropylbenzene	4.838	4.571		-5.52	
1,1,2,2-Tetrachloroethane	0.696	0.685		-1.58	
1,3-Dichlorobenzene	1.932	1.846		-4.45	
1,4-Dichlorobenzene	1.892	1.809		-4.39	
1,2-Dichlorobenzene	1.639	1.579		-3.66	
1,2-Dibromo-3-Chloropropane	0.105	0.108		2.86	
1,2,4-Trichlorobenzene	0.921	0.921		0	
1,2,3-Trichlorobenzene	0.743	0.759		2.15	
1,2-Dichloroethane-d4	0.509	0.557		9.43	
Dibromofluoromethane	0.315	0.346		9.84	
Toluene-d8	1.199	1.320		10.09	
4-Bromofluorobenzene	0.419	0.451		7.64	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.