

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 06/02/2025 12:54

Lab File ID: VY022494.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.413		-7.81	
Chloromethane	1.322	1.230		-6.96	
Vinyl Chloride	1.534	1.497		-2.41	
Bromomethane	1.470	1.240		-15.65	
Chloroethane	1.053	0.965		-8.36	
Trichlorofluoromethane	1.302	1.224		-5.99	
1,1,2-Trichlorotrifluoroethane	0.549	0.538		-2	
1,1-Dichloroethene	0.524	0.518		-1.14	
Acetone	0.114	0.116		1.75	
Carbon Disulfide	1.679	1.664		-0.89	
Methyl tert-butyl Ether	1.477	1.470		-0.47	
Methyl Acetate	0.336	0.333		-0.89	
Methylene Chloride	0.645	0.574		-11.01	
trans-1,2-Dichloroethene	0.587	0.571		-2.73	
1,1-Dichloroethane	1.079	1.060		-1.76	
Cyclohexane	1.075	1.015		-5.58	
2-Butanone	0.164	0.168		2.44	
Carbon Tetrachloride	0.497	0.508		2.21	
cis-1,2-Dichloroethene	0.678	0.682		0.59	
Bromochloromethane	0.471	0.454		-3.61	
Chloroform	1.069	1.058		-1.03	
1,1,1-Trichloroethane	0.949	0.948		-0.1	
Methylcyclohexane	0.651	0.657		0.92	
Benzene	1.431	1.441		0.7	
1,2-Dichloroethane	0.391	0.390		-0.26	
Trichloroethene	0.350	0.355		1.43	
1,2-Dichloropropane	0.338	0.344		1.77	
Bromodichloromethane	0.482	0.491		1.87	
4-Methyl-2-Pentanone	0.233	0.243		4.29	
Toluene	0.899	0.903		0.44	
t-1,3-Dichloropropene	0.452	0.461		1.99	
cis-1,3-Dichloropropene	0.526	0.537		2.09	
1,1,2-Trichloroethane	0.243	0.242		-0.41	
2-Hexanone	0.156	0.162		3.85	
Dibromochloromethane	0.308	0.314		1.95	
1,2-Dibromoethane	0.221	0.223		0.9	
Tetrachloroethene	0.430	0.437		1.63	
Chlorobenzene	1.106	1.116		0.9	

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	2.052	2.083		1.51	
m/p-Xylenes	0.778	0.785		0.9	
o-Xylene	0.729	0.734		0.69	
Styrene	1.206	1.233		2.24	
Bromoform	0.198	0.201		1.51	
Isopropylbenzene	4.105	4.136		0.75	
1,1,2,2-Tetrachloroethane	0.674	0.682		1.19	
1,3-Dichlorobenzene	1.755	1.733		-1.25	
1,4-Dichlorobenzene	1.702	1.701		-0.06	
1,2-Dichlorobenzene	1.490	1.512		1.48	
1,2-Dibromo-3-Chloropropane	0.098	0.105		7.14	
1,2,4-Trichlorobenzene	0.813	0.817		0.49	
1,2,3-Trichlorobenzene	0.697	0.699		0.29	
1,2-Dichloroethane-d4	0.559	0.591		5.72	
Dibromofluoromethane	0.298	0.321		7.72	
Toluene-d8	1.206	1.279		6.05	
4-Bromofluorobenzene	0.359	0.372		3.62	

All other compounds must meet a minimum RRF of 0.010.
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