

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1370 SAS No.: Q1370 SDG No.: Q1370

Instrument ID: MSVOA_X Calibration Date/Time: 02/18/2025 10:45

Lab File ID: VX044976.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.701	0.674		-3.85	20
Chloromethane	0.854	0.757	0.1	-11.36	20
Vinyl Chloride	0.827	0.732		-11.49	20
Ethyl Acetate	0.522	0.523		0.19	20
Bromomethane	0.247	0.366		48.18	20
Chloroethane	0.307	0.412		34.2	20
Trichlorofluoromethane	1.046	1.004		-4.01	20
1,1,2-Trichlorotrifluoroethane	0.632	0.600		-5.06	20
Tert butyl alcohol	0.136	0.123		-9.56	20
1,1-Dichloroethene	0.644	0.581		-9.78	20
Acrolein	0.140	0.152		8.57	20
Acrylonitrile	0.363	0.353		-2.76	20
Acetone	0.294	0.280		-4.76	20
Carbon Disulfide	1.767	1.593		-9.85	20
Methyl tert-butyl Ether	2.050	1.970		-3.9	20
Methyl Acetate	0.928	0.940		1.29	20
Methylene Chloride	0.721	0.669		-7.21	20
trans-1,2-Dichloroethene	0.634	0.587		-7.41	20
Vinyl Acetate	1.796	1.806		0.56	20
1,1-Dichloroethane	1.233	1.162	0.1	-5.76	20
Cyclohexane	1.137	1.033		-9.15	20
2-Butanone	0.478	0.460		-3.77	20
Carbon Tetrachloride	0.460	0.461		0.22	20
2,2-Dichloropropane	0.978	0.928		-5.11	20
cis-1,2-Dichloroethene	0.762	0.724		-4.99	20
Bromochloromethane	0.593	0.592		-0.17	20
Chloroform	1.196	1.154		-3.51	20
1,1,1-Trichloroethane	1.014	0.971		-4.24	20
Methylcyclohexane	0.606	0.612		0.99	20
1,1-Dichloropropene	0.469	0.449		-4.26	20
Benzene	1.465	1.414		-3.48	20
1,2-Dichloroethane	0.467	0.488		4.5	20
Trichloroethene	0.335	0.335		0	20
1,2-Dichloropropane	0.364	0.366		0.55	20
Dibromomethane	0.253	0.257		1.58	20
Bromodichloromethane	0.489	0.514		5.11	20
4-Methyl-2-Pentanone	0.512	0.536		4.69	20
Toluene	0.872	0.862		-1.15	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
t-1,3-Dichloropropene	0.495	0.530		7.07	20
cis-1,3-Dichloropropene	0.552	0.579		4.89	20
1,1,2-Trichloroethane	0.335	0.339		1.19	20
1,3-Dichloropropane	0.587	0.585		-0.34	20
2-Chloroethyl Vinyl ether	0.266	0.291		9.4	20
2-Hexanone	0.369	0.395		7.05	20
Dibromochloromethane	0.359	0.386		7.52	20
1,2-Dibromoethane	0.340	0.345		1.47	20
Tetrachloroethene	0.315	0.308		-2.22	20
Chlorobenzene	1.074	1.071	0.3	-0.28	20
1,1,1,2-Tetrachloroethane	0.346	0.346		0	20
Hexachloroethane	0.616	0.590		-4.22	20
Ethyl Benzene	1.895	1.877		-0.95	20
m/p-Xylenes	0.699	0.694		-0.71	20
o-Xylene	0.701	0.678		-3.28	20
Styrene	1.130	1.169		3.45	20
Bromoform	0.258	0.283	0.1	9.69	20
Isopropylbenzene	4.026	3.650		-9.34	20
1,1,2,2-Tetrachloroethane	1.383	1.259	0.3	-8.97	20
1,2,3-Trichloropropane	1.109	1.063		-4.15	20
Bromobenzene	0.913	0.851		-6.79	20
n-propylbenzene	4.647	4.417		-4.95	20
2-Chlorotoluene	2.856	2.547		-10.82	20
1,3,5-Trimethylbenzene	3.267	3.046		-6.76	20
4-Chlorotoluene	3.160	3.020		-4.43	20
tert-Butylbenzene	3.305	3.090		-6.51	20
1,2,4-Trimethylbenzene	3.225	3.082		-4.43	20
sec-Butylbenzene	4.093	3.947		-3.57	20
p-Isopropyltoluene	3.291	3.263		-0.85	20
1,3-Dichlorobenzene	1.678	1.635		-2.56	20
1,4-Dichlorobenzene	1.697	1.657		-2.36	20
n-Butylbenzene	2.912	3.194		9.68	20
1,2-Dichlorobenzene	1.650	1.605		-2.73	20
1,2-Dibromo-3-Chloropropane	0.252	0.241		-4.36	20
1,2,4-Trichlorobenzene	0.998	1.051		5.31	20
Hexachlorobutadiene	0.396	0.426		7.58	20
Naphthalene	3.608	3.494		-3.16	20
1,2,3-Trichlorobenzene	1.006	1.016		0.99	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.732	0.750		2.46	20
Dibromofluoromethane	0.325	0.345		6.15	20
Toluene-d8	1.229	1.278		3.99	20
4-Bromofluorobenzene	0.414	0.457		10.39	20

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