

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1376 SAS No.: Q1376 SDG No.: Q1376

Instrument ID: MSVOA_X Calibration Date/Time: 02/19/2025 10:52

Lab File ID: VX044996.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	0.701		0	20
Chloromethane	0.854	0.793	0.1	-7.14	20
Vinyl Chloride	0.827	0.796		-3.75	20
Bromomethane	0.247	0.249		0.81	20
Chloroethane	0.307	0.500		62.87	20
Trichlorofluoromethane	1.046	1.062		1.53	20
1,1,2-Trichlorotrifluoroethane	0.632	0.636		0.63	20
1,1-Dichloroethene	0.644	0.625		-2.95	20
Acetone	0.294	0.293		-0.34	20
Carbon Disulfide	1.767	1.596		-9.68	20
Methyl tert-butyl Ether	2.050	2.068		0.88	20
Methyl Acetate	0.928	0.961		3.56	20
Methylene Chloride	0.721	0.712		-1.25	20
trans-1,2-Dichloroethene	0.634	0.615		-3	20
1,1-Dichloroethane	1.233	1.254	0.1	1.7	20
Cyclohexane	1.137	1.103		-2.99	20
2-Butanone	0.478	0.484		1.25	20
Carbon Tetrachloride	0.460	0.489		6.3	20
cis-1,2-Dichloroethene	0.762	0.775		1.71	20
Bromochloromethane	0.593	0.595		0.34	20
Chloroform	1.196	1.242		3.85	20
1,1,1-Trichloroethane	1.014	1.050		3.55	20
Methylcyclohexane	0.606	0.642		5.94	20
Benzene	1.465	1.542		5.26	20
1,2-Dichloroethane	0.467	0.522		11.78	20
Trichloroethene	0.335	0.353		5.37	20
1,2-Dichloropropane	0.364	0.389		6.87	20
Bromodichloromethane	0.489	0.550		12.47	20
4-Methyl-2-Pentanone	0.512	0.564		10.16	20
Toluene	0.872	0.938		7.57	20
t-1,3-Dichloropropene	0.495	0.533		7.68	20
cis-1,3-Dichloropropene	0.552	0.603		9.24	20
1,1,2-Trichloroethane	0.335	0.364		8.66	20
2-Hexanone	0.369	0.409		10.84	20
Dibromochloromethane	0.359	0.404		12.53	20
1,2-Dibromoethane	0.340	0.367		7.94	20
Tetrachloroethene	0.315	0.322		2.22	20
Chlorobenzene	1.074	1.120	0.3	4.28	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
Ethyl Benzene	1.895	1.990		5.01	20
m/p-Xylenes	0.699	0.740		5.87	20
o-Xylene	0.701	0.722		3	20
Styrene	1.130	1.230		8.85	20
Bromoform	0.258	0.279	0.1	8.14	20
Isopropylbenzene	4.026	4.113		2.16	20
1,1,2,2-Tetrachloroethane	1.383	1.344	0.3	-2.82	20
1,3-Dichlorobenzene	1.678	1.777		5.9	20
1,4-Dichlorobenzene	1.697	1.753		3.3	20
1,2-Dichlorobenzene	1.650	1.704		3.27	20
1,2-Dibromo-3-Chloropropane	0.252	0.249		-1.19	20
1,2,4-Trichlorobenzene	0.998	1.092		9.42	20
1,2,3-Trichlorobenzene	1.006	1.098		9.15	20
1,2-Dichloroethane-d4	0.732	0.656		-10.38	20
Dibromofluoromethane	0.325	0.295		-9.23	20
Toluene-d8	1.229	1.088		-11.47	20
4-Bromofluorobenzene	0.414	0.390		-5.8	20

All other compounds must meet a minimum RRF of 0.010.
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