284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2164 SAS No.: Q2164 SDG No.: Q2164

Instrument ID: MSVOA_X Calibration Date/Time: 06/02/2025 10:21

Lab File ID: VX046433.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.849		10.98	20
Chloromethane	0.742	0.817	0.1	10.11	20
Vinyl Chloride	0.691	0.734		6.22	20
Ethyl Acetate	0.598	0.639		6.86	20
Bromomethane	0.320	0.335		4.69	20
Chloroethane	0.369	0.412		11.65	20
Trichlorofluoromethane	1.021	1.136		11.26	20
1,1,2-Trichlorotrifluoroethane	0.632	0.722		14.24	20
Tert butyl alcohol	0.131	0.131		0	20
1,1-Dichloroethene	0.593	0.650		9.61	20
Acrolein	0.149	0.146		-2.01	20
Acrylonitrile	0.374	0.410		9.63	20
Acetone	0.374	0.439		17.38	20
Carbon Disulfide	1.406	1.520		8.11	20
Methyl tert-butyl Ether	2.079	2.353		13.18	20
Methyl Acetate	0.867	1.189		37.14	20
Methylene Chloride	0.716	0.757		5.73	20
trans-1,2-Dichloroethene	0.596	0.645		8.22	20
Vinyl Acetate	1.925	2.133		10.81	20
1,1-Dichloroethane	1.219	1.379	0.1	13.13	20
Cyclohexane	1.111	1.177		5.94	20
2-Butanone	0.543	0.604		11.23	20
Carbon Tetrachloride	0.544	0.625		14.89	20
2,2-Dichloropropane	0.954	1.112		16.56	20
cis-1,2-Dichloroethene	0.718	0.805		12.12	20
Bromochloromethane	0.587	0.610		3.92	20
Chloroform	1.271	1.419		11.64	20
1,1,1-Trichloroethane	1.101	1.237		12.35	20
Methylcyclohexane	0.623	0.681		9.31	20
1,1-Dichloropropene	0.484	0.534		10.33	20
Benzene	1.417	1.575		11.15	20
1,2-Dichloroethane	0.612	0.699		14.22	20
Trichloroethene	0.341	0.385		12.9	20
1,2-Dichloropropane	0.352	0.411		16.76	20
Dibromomethane	0.278	0.309		11.15	20
Bromodichloromethane	0.547	0.648		18.46	20
4-Methyl-2-Pentanone	0.605	0.682		12.73	20
Toluene	0.869	0.958		10.24	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	0.487	0.591		21.35	20
cis-1,3-Dichloropropene	0.538	0.646		20.07	20
1,1,2-Trichloroethane	0.343	0.382		11.37	20
1,3-Dichloropropane	0.615	0.685		11.38	20
2-Chloroethyl Vinyl ether	0.278	0.325		16.91	20
2-Hexanone	0.448	0.509		13.62	20
Dibromochloromethane	0.376	0.460		22.34	20
1,2-Dibromoethane	0.356	0.395		10.95	20
Tetrachloroethene	0.354	0.389		9.89	20
Chlorobenzene	1.094	1.197	0.3	9.41	20
1,1,1,2-Tetrachloroethane	0.374	0.424		13.37	20
Hexachloroethane	0.585	0.701		19.83	20
Ethyl Benzene	1.929	2.190		13.53	20
m/p-Xylenes	0.706	0.792		12.18	20
o-Xylene	0.688	0.779		13.23	20
Styrene	1.127	1.328		17.83	20
Bromoform	0.281	0.340	0.1	21	20
Isopropylbenzene	3.893	4.366		12.15	20
1,1,2,2-Tetrachloroethane	1.364	1.417	0.3	3.89	20
1,2,3-Trichloropropane	1.204	1.292		7.31	20
Bromobenzene	0.904	0.987		9.18	20
n-propylbenzene	4.526	5.116		13.04	20
2-Chlorotoluene	2.919	3.137		7.47	20
1,3,5-Trimethylbenzene	3.252	3.691		13.5	20
4-Chlorotoluene	3.238	3.634		12.26	20
tert-Butylbenzene	3.276	3.635		10.96	20
1,2,4-Trimethylbenzene	3.293	3.719		12.94	20
sec-Butylbenzene	4.022	4.569		13.6	20
p-Isopropyltoluene	3.320	3.845		15.81	20
1,3-Dichlorobenzene	1.649	1.823		10.55	20
1,4-Dichlorobenzene	1.684	1.827		8.49	20
n-Butylbenzene	2.912	3.493		19.95	20
1,2-Dichlorobenzene	1.655	1.818		9.85	20
1,2-Dibromo-3-Chloropropane	0.302	0.337		11.59	20
1,2,4-Trichlorobenzene	0.951	1.078		13.35	20
Hexachlorobutadiene	0.415	0.479		15.42	20
Naphthalene	3.487	3.749		7.51	20
1,2,3-Trichlorobenzene	0.981	1.103		12.44	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.932	0.936		0.43	20
Dibromofluoromethane	0.360	0.394		9.44	20
Toluene-d8	1.246	1.254		0.64	20
4-Bromofluorobenzene	0.478	0.507		6.07	20

All other compounds must meet a minimum RRF of 0.010.
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