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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q2744
Instrument ID: MSVOA_X
Calibration Date/Time: 08/04/2025 09:44
Lab File ID: VX047216.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.672		1.21	20
Chloromethane	0.657	0.579	0.1	-11.87	20
Vinyl Chloride	0.706	0.720		1.98	20
Ethyl Acetate	0.485	0.436		-10.1	20
Bromomethane	0.384	0.355		-7.55	20
Chloroethane	0.464	0.417		-10.13	20
Trichlorofluoromethane	1.053	1.083		2.85	20
1,1,2-Trichlorotrifluoroethane	0.634	0.647		2.05	20
Tert butyl alcohol	0.080	0.057		-28.75	20
1,1-Dichloroethene	0.628	0.618		-1.59	20
Acrolein	0.134	0.121		-9.7	20
Acrylonitrile	0.297	0.274		-7.74	20
Acetone	0.250	0.269		7.6	20
Carbon Disulfide	1.818	1.569		-13.7	20
Methyl tert-butyl Ether	1.912	1.923		0.57	20
Methyl Acetate	0.663	0.749		12.97	20
Methylene Chloride	0.686	0.664		-3.21	20
trans-1,2-Dichloroethene	0.643	0.618		-3.89	20
Vinyl Acetate	1.752	1.696		-3.2	20
1,1-Dichloroethane	1.214	1.221	0.1	0.58	20
Cyclohexane	1.164	1.026		-11.86	20
2-Butanone	0.363	0.322		-11.3	20
Carbon Tetrachloride	0.562	0.552		-1.78	20
2,2-Dichloropropane	0.940	0.938		-0.21	20
cis-1,2-Dichloroethene	0.761	0.744		-2.23	20
Bromochloromethane	0.559	0.582		4.11	20
Chloroform	1.236	1.219		-1.38	20
1,1,1-Trichloroethane	1.074	1.055		-1.77	20
Methylcyclohexane	0.657	0.597		-9.13	20
1,1-Dichloropropene	0.526	0.489		-7.03	20
Benzene	1.523	1.479		-2.89	20
1,2-Dichloroethane	0.536	0.539		0.56	20
Trichloroethene	0.391	0.372		-4.86	20
1,2-Dichloropropane	0.381	0.378		-0.79	20
Dibromomethane	0.267	0.264		-1.12	20
Bromodichloromethane	0.569	0.584		2.64	20
4-Methyl-2-Pentanone	0.449	0.404		-10.02	20
Toluene	0.936	0.905		-3.31	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	0.538	0.537		-0.19	20
cis-1,3-Dichloropropene	0.588	0.588		0	20
1,1,2-Trichloroethane	0.351	0.345		-1.71	20
1,3-Dichloropropane	0.610	0.588		-3.61	20
2-Chloroethyl Vinyl ether	0.289	0.260		-10.03	20
2-Hexanone	0.297	0.271		-8.75	20
Dibromochloromethane	0.412	0.418		1.46	20
1,2-Dibromoethane	0.367	0.342		-6.81	20
Tetrachloroethene	0.360	0.342		-5	20
Chlorobenzene	1.171	1.150	0.3	-1.79	20
1,1,1,2-Tetrachloroethane	0.394	0.409		3.81	20
Hexachloroethane	0.606	0.627		3.46	20
Ethyl Benzene	2.048	2.019		-1.42	20
m/p-Xylenes	0.766	0.742		-3.13	20
o-Xylene	0.729	0.731		0.27	20
Styrene	1.250	1.256		0.48	20
Bromoform	0.300	0.299	0.1	-0.33	20
Isopropylbenzene	3.945	4.031		2.18	20
1,1,2,2-Tetrachloroethane	1.127	1.095	0.3	-2.84	20
1,2,3-Trichloropropane	0.925	0.905		-2.16	20
Bromobenzene	0.946	0.956		1.06	20
n-propylbenzene	4.714	4.730		0.34	20
2-Chlorotoluene	2.818	2.792		-0.92	20
1,3,5-Trimethylbenzene	3.259	3.297		1.17	20
4-Chlorotoluene	3.289	3.299		0.3	20
tert-Butylbenzene	3.271	3.354		2.54	20
1,2,4-Trimethylbenzene	3.251	3.287		1.11	20
sec-Butylbenzene	4.087	4.107		0.49	20
p-Isopropyltoluene	3.389	3.429		1.18	20
1,3-Dichlorobenzene	1.798	1.779		-1.06	20
1,4-Dichlorobenzene	1.821	1.785		-1.98	20
n-Butylbenzene	3.178	3.199		0.66	20
1,2-Dichlorobenzene	1.718	1.688		-1.75	20
1,2-Dibromo-3-Chloropropane	0.216	0.207		-4.17	20
1,2,4-Trichlorobenzene	1.135	1.134		-0.09	20
Hexachlorobutadiene	0.386	0.381		-1.29	20
Naphthalene	3.328	3.267		-1.83	20
1,2,3-Trichlorobenzene	1.094	1.078		-1.46	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.564		-9.47	20
Dibromofluoromethane	0.309	0.305		-1.29	20
Toluene-d8	1.000	0.861		-13.9	20
4-Bromofluorobenzene	0.431	0.391		-9.28	20

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