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.: Q2812
Instrument ID: MSVOA_X
Calibration Date/Time: 08/12/2025 09:53
Lab File ID: VX047284.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	0.700		5.42	20
Chloromethane	0.657	0.619	0.1	-5.78	20
Vinyl Chloride	0.706	0.710		0.57	20
Ethyl Acetate	0.485	0.559		15.26	20
Bromomethane	0.384	0.423		10.16	20
Chloroethane	0.464	0.423		-8.84	20
Trichlorofluoromethane	1.053	1.060		0.67	20
1,1,2-Trichlorotrifluoroethane	0.634	0.627		-1.1	20
Tert butyl alcohol	0.080	0.075		-6.25	20
1,1-Dichloroethene	0.628	0.616		-1.91	20
Acrolein	0.134	0.186		38.81	20
Acrylonitrile	0.297	0.308		3.7	20
Acetone	0.250	0.262		4.8	20
Carbon Disulfide	1.818	1.741		-4.24	20
Methyl tert-butyl Ether	1.912	2.026		5.96	20
Methyl Acetate	0.663	0.767		15.69	20
Methylene Chloride	0.686	0.675		-1.6	20
trans-1,2-Dichloroethene	0.643	0.644		0.16	20
Vinyl Acetate	1.752	1.878		7.19	20
1,1-Dichloroethane	1.214	1.182	0.1	-2.64	20
Cyclohexane	1.164	1.087		-6.61	20
2-Butanone	0.363	0.348		-4.13	20
Carbon Tetrachloride	0.562	0.553		-1.6	20
2,2-Dichloropropane	0.940	0.956		1.7	20
cis-1,2-Dichloroethene	0.761	0.747		-1.84	20
Bromochloromethane	0.559	0.571		2.15	20
Chloroform	1.236	1.217		-1.54	20
1,1,1-Trichloroethane	1.074	1.058		-1.49	20
Methylcyclohexane	0.657	0.628		-4.41	20
1,1-Dichloropropene	0.526	0.503		-4.37	20
Benzene	1.523	1.515		-0.52	20
1,2-Dichloroethane	0.536	0.553		3.17	20
Trichloroethene	0.391	0.385		-1.53	20
1,2-Dichloropropane	0.381	0.386		1.31	20
Dibromomethane	0.267	0.283		5.99	20
Bromodichloromethane	0.569	0.591		3.87	20
4-Methyl-2-Pentanone	0.449	0.476		6.01	20
Toluene	0.936	0.940		0.43	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	0.566		5.2	20
cis-1,3-Dichloropropene	0.588	0.609		3.57	20
1,1,2-Trichloroethane	0.351	0.368		4.84	20
1,3-Dichloropropane	0.610	0.631		3.44	20
2-Chloroethyl Vinyl ether	0.289	0.274		-5.19	20
2-Hexanone	0.297	0.332		11.78	20
Dibromochloromethane	0.412	0.442		7.28	20
1,2-Dibromoethane	0.367	0.380		3.54	20
Tetrachloroethene	0.360	0.352		-2.22	20
Chlorobenzene	1.171	1.165	0.3	-0.51	20
1,1,1,2-Tetrachloroethane	0.394	0.409		3.81	20
Hexachloroethane	0.606	0.598		-1.32	20
Ethyl Benzene	2.048	2.055		0.34	20
m/p-Xylenes	0.766	0.769		0.39	20
o-Xylene	0.729	0.741		1.65	20
Styrene	1.250	1.290		3.2	20
Bromoform	0.300	0.320	0.1	6.67	20
Isopropylbenzene	3.945	3.828		-2.97	20
1,1,2,2-Tetrachloroethane	1.127	1.141	0.3	1.24	20
1,2,3-Trichloropropane	0.925	0.947		2.38	20
Bromobenzene	0.946	0.935		-1.16	20
n-propylbenzene	4.714	4.551		-3.46	20
2-Chlorotoluene	2.818	2.721		-3.44	20
1,3,5-Trimethylbenzene	3.259	3.156		-3.16	20
4-Chlorotoluene	3.289	3.195		-2.86	20
tert-Butylbenzene	3.271	3.178		-2.84	20
1,2,4-Trimethylbenzene	3.251	3.200		-1.57	20
sec-Butylbenzene	4.087	3.871		-5.28	20
p-Isopropyltoluene	3.389	3.238		-4.46	20
1,3-Dichlorobenzene	1.798	1.747		-2.84	20
1,4-Dichlorobenzene	1.821	1.758		-3.46	20
n-Butylbenzene	3.178	2.992		-5.85	20
1,2-Dichlorobenzene	1.718	1.683		-2.04	20
1,2-Dibromo-3-Chloropropane	0.216	0.231		6.94	20
1,2,4-Trichlorobenzene	1.135	1.121		-1.23	20
Hexachlorobutadiene	0.386	0.362		-6.22	20
Naphthalene	3.328	3.398		2.1	20
1,2,3-Trichlorobenzene	1.094	1.054		-3.66	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.583		-6.42	20
Dibromofluoromethane	0.309	0.317		2.59	20
Toluene-d8	1.000	0.887		-11.3	20
4-Bromofluorobenzene	0.431	0.427		-0.93	20

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