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.: Q2693
Instrument ID: MSVOA_X
Calibration Date/Time: 07/28/2025 09:23
Lab File ID: VX047152.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	0.674		1.51	20
Chloromethane	0.657	0.552	0.1	-15.98	20
Vinyl Chloride	0.706	0.718		1.7	20
Ethyl Acetate	0.485	0.427		-11.96	20
Bromomethane	0.384	0.358		-6.77	20
Chloroethane	0.464	0.405		-12.72	20
Trichlorofluoromethane	1.053	1.029		-2.28	20
1,1,2-Trichlorotrifluoroethane	0.634	0.615		-3	20
Tert butyl alcohol	0.080	0.060		-25	20
1,1-Dichloroethene	0.628	0.597		-4.94	20
Acrolein	0.134	0.132		-1.49	20
Acrylonitrile	0.297	0.260		-12.46	20
Acetone	0.250	0.283		13.2	20
Carbon Disulfide	1.818	1.620		-10.89	20
Methyl tert-butyl Ether	1.912	1.849		-3.3	20
Methyl Acetate	0.663	0.647		-2.41	20
Methylene Chloride	0.686	0.627		-8.6	20
trans-1,2-Dichloroethene	0.643	0.600		-6.69	20
Vinyl Acetate	1.752	1.677		-4.28	20
1,1-Dichloroethane	1.214	1.143	0.1	-5.85	20
Cyclohexane	1.164	1.026		-11.86	20
2-Butanone	0.363	0.326		-10.19	20
Carbon Tetrachloride	0.562	0.512		-8.9	20
2,2-Dichloropropane	0.940	0.949		0.96	20
cis-1,2-Dichloroethene	0.761	0.700		-8.02	20
Bromochloromethane	0.559	0.524		-6.26	20
Chloroform	1.236	1.131		-8.49	20
1,1,1-Trichloroethane	1.074	1.006		-6.33	20
Methylcyclohexane	0.657	0.591		-10.05	20
1,1-Dichloropropene	0.526	0.457		-13.12	20
Benzene	1.523	1.374		-9.78	20
1,2-Dichloroethane	0.536	0.489		-8.77	20
Trichloroethene	0.391	0.343		-12.28	20
1,2-Dichloropropane	0.381	0.348		-8.66	20
Dibromomethane	0.267	0.247		-7.49	20
Bromodichloromethane	0.569	0.530		-6.85	20
4-Methyl-2-Pentanone	0.449	0.383		-14.7	20
Toluene	0.936	0.841		-10.15	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	0.538	0.512		-4.83	20
cis-1,3-Dichloropropene	0.588	0.554		-5.78	20
1,1,2-Trichloroethane	0.351	0.314		-10.54	20
1,3-Dichloropropane	0.610	0.539		-11.64	20
2-Chloroethyl Vinyl ether	0.289	0.249		-13.84	20
2-Hexanone	0.297	0.265		-10.77	20
Dibromochloromethane	0.412	0.383		-7.04	20
1,2-Dibromoethane	0.367	0.317		-13.62	20
Tetrachloroethene	0.360	0.318		-11.67	20
Chlorobenzene	1.171	1.050	0.3	-10.33	20
1,1,1,2-Tetrachloroethane	0.394	0.367		-6.85	20
Hexachloroethane	0.606	0.603		-0.5	20
Ethyl Benzene	2.048	1.872		-8.59	20
m/p-Xylenes	0.766	0.695		-9.27	20
o-Xylene	0.729	0.667		-8.51	20
Styrene	1.250	1.165		-6.8	20
Bromoform	0.300	0.278	0.1	-7.33	20
Isopropylbenzene	3.945	3.776		-4.28	20
1,1,2,2-Tetrachloroethane	1.127	1.021	0.3	-9.41	20
1,2,3-Trichloropropane	0.925	0.835		-9.73	20
Bromobenzene	0.946	0.893		-5.6	20
n-propylbenzene	4.714	4.458		-5.43	20
2-Chlorotoluene	2.818	2.631		-6.64	20
1,3,5-Trimethylbenzene	3.259	3.077		-5.59	20
4-Chlorotoluene	3.289	3.109		-5.47	20
tert-Butylbenzene	3.271	3.145		-3.85	20
1,2,4-Trimethylbenzene	3.251	3.079		-5.29	20
sec-Butylbenzene	4.087	3.821		-6.51	20
p-Isopropyltoluene	3.389	3.218		-5.05	20
1,3-Dichlorobenzene	1.798	1.651		-8.18	20
1,4-Dichlorobenzene	1.821	1.659		-8.9	20
n-Butylbenzene	3.178	3.003		-5.51	20
1,2-Dichlorobenzene	1.718	1.552		-9.66	20
1,2-Dibromo-3-Chloropropane	0.216	0.203		-6.02	20
1,2,4-Trichlorobenzene	1.135	1.046		-7.84	20
Hexachlorobutadiene	0.386	0.355		-8.03	20
Naphthalene	3.328	3.082		-7.39	20
1,2,3-Trichlorobenzene	1.094	0.997		-8.87	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	0.303		-1.94	20
Toluene-d8	1.000	0.902		-9.8	20
4-Bromofluorobenzene	0.431	0.402		-6.73	20

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