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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: FIRS02
Lab Code: ACE
SDG No.: Q2815
Instrument ID: MSVOA_X
Calibration Date/Time: 08/20/2025 19:01
Lab File ID: VX047453.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.566		-11.15	50
Chloromethane	0.573	0.541	0.1	-5.59	50
Vinyl Chloride	0.720	0.667		-7.36	50
Bromomethane	0.291	0.202		-30.58	50
Chloroethane	0.440	0.421		-4.32	50
Trichlorofluoromethane	1.065	0.957		-10.14	50
1,1,2-Trichlorotrifluoroethane	0.618	0.557		-9.87	50
1,1-Dichloroethene	0.630	0.591		-6.19	50
Acetone	0.263	0.271		3.04	50
Carbon Disulfide	1.900	1.599		-15.84	50
Methyl tert-butyl Ether	1.915	2.097		9.5	50
Methyl Acetate	0.682	0.860		26.1	50
Methylene Chloride	0.697	0.705		1.15	50
trans-1,2-Dichloroethene	0.668	0.645		-3.44	50
1,1-Dichloroethane	1.222	1.236	0.1	1.15	50
Cyclohexane	1.126	0.998		-11.37	50
2-Butanone	0.344	0.424		23.26	50
Carbon Tetrachloride	0.560	0.479		-14.46	50
cis-1,2-Dichloroethene	0.778	0.790		1.54	50
Bromochloromethane	0.508	0.596		17.32	50
Chloroform	1.247	1.266		1.52	50
1,1,1-Trichloroethane	1.073	1.030		-4.01	50
Methylcyclohexane	0.639	0.516		-19.25	50
Benzene	1.533	1.447		-5.61	50
1,2-Dichloroethane	0.543	0.531		-2.21	50
Trichloroethene	0.393	0.357		-9.16	50
1,2-Dichloropropane	0.384	0.375		-2.34	50
Bromodichloromethane	0.578	0.552		-4.5	50
4-Methyl-2-Pentanone	0.440	0.489		11.14	50
Toluene	0.947	0.892		-5.81	50
t-1,3-Dichloropropene	0.505	0.500		-0.99	50
cis-1,3-Dichloropropene	0.571	0.552		-3.33	50
1,1,2-Trichloroethane	0.360	0.359		-0.28	50
2-Hexanone	0.304	0.334		9.87	50
Dibromochloromethane	0.428	0.410		-4.21	50
1,2-Dibromoethane	0.371	0.365		-1.62	50
Tetrachloroethene	0.362	0.316		-12.71	50
Chlorobenzene	1.188	1.090	0.3	-8.25	50

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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Ethyl Benzene	2.045	1.880		-8.07	50
m/p-Xylenes	0.763	0.697		-8.65	50
o-Xylene	0.734	0.685		-6.68	50
Styrene	1.240	1.201		-3.14	50
Bromoform	0.302	0.292	0.1	-3.31	50
Isopropylbenzene	3.913	3.568		-8.82	50
1,1,2,2-Tetrachloroethane	1.149	1.149	0.3	0	50
1,3-Dichlorobenzene	1.825	1.644		-9.92	50
1,4-Dichlorobenzene	1.877	1.639		-12.68	50
1,2-Dichlorobenzene	1.733	1.602		-7.56	50
1,2-Dibromo-3-Chloropropane	0.222	0.227		2.25	50
1,2,4-Trichlorobenzene	1.161	1.028		-11.46	50
1,2,3-Trichlorobenzene	1.095	0.994		-9.22	50
1,2-Dichloroethane-d4	0.700	0.774		10.57	50
Dibromofluoromethane	0.325	0.329		1.23	50
Toluene-d8	1.160	1.140		-1.72	50
4-Bromofluorobenzene	0.428	0.439		2.57	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.