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.: Q2819
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/13/2025 20:00
Lab File ID: VY023082.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.319		-21.81	50
Chloromethane	0.661	0.681	0.1	3.03	50
Vinyl Chloride	0.817	0.849		3.92	50
Bromomethane	0.610	0.682		11.8	50
Chloroethane	0.543	0.596		9.76	50
Trichlorofluoromethane	0.994	0.946		-4.83	50
1,1,2-Trichlorotrifluoroethane	0.490	0.456		-6.94	50
1,1-Dichloroethene	0.482	0.454		-5.81	50
Acetone	0.103	0.082		-20.39	50
Carbon Disulfide	1.571	1.489		-5.22	50
Methyl tert-butyl Ether	1.249	1.220		-2.32	50
Methyl Acetate	0.307	0.326		6.19	50
Methylene Chloride	0.620	0.555		-10.48	50
trans-1,2-Dichloroethene	0.541	0.540		-0.19	50
1,1-Dichloroethane	0.942	0.958	0.1	1.7	50
Cyclohexane	0.888	0.805		-9.35	50
2-Butanone	0.140	0.126		-10	50
Carbon Tetrachloride	0.483	0.456		-5.59	50
cis-1,2-Dichloroethene	0.626	0.633		1.12	50
Bromochloromethane	0.374	0.394		5.35	50
Chloroform	0.971	0.998		2.78	50
1,1,1-Trichloroethane	0.862	0.850		-1.39	50
Methylcyclohexane	0.586	0.544		-7.17	50
Benzene	1.370	1.347		-1.68	50
1,2-Dichloroethane	0.356	0.351		-1.4	50
Trichloroethene	0.354	0.339		-4.24	50
1,2-Dichloropropane	0.315	0.316		0.32	50
Bromodichloromethane	0.466	0.462		-0.86	50
4-Methyl-2-Pentanone	0.195	0.184		-5.64	50
Toluene	0.870	0.868		-0.23	50
t-1,3-Dichloropropene	0.422	0.400		-5.21	50
cis-1,3-Dichloropropene	0.499	0.478		-4.21	50
1,1,2-Trichloroethane	0.242	0.234		-3.31	50
2-Hexanone	0.133	0.122		-8.27	50
Dibromochloromethane	0.320	0.313		-2.19	50
1,2-Dibromoethane	0.228	0.222		-2.63	50
Tetrachloroethene	0.446	0.442		-0.9	50
Chlorobenzene	1.079	1.048	0.3	-2.87	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.856	1.805		-2.75	50
m/p-Xylenes	0.725	0.711		-1.93	50
o-Xylene	0.679	0.670		-1.33	50
Styrene	1.110	1.135		2.25	50
Bromoform	0.214	0.196	0.1	-8.41	50
Isopropylbenzene	3.529	3.316		-6.04	50
1,1,2,2-Tetrachloroethane	0.603	0.538	0.3	-10.78	50
1,3-Dichlorobenzene	1.660	1.561		-5.96	50
1,4-Dichlorobenzene	1.647	1.530		-7.1	50
1,2-Dichlorobenzene	1.456	1.362		-6.46	50
1,2-Dibromo-3-Chloropropane	0.094	0.085		-9.57	50
1,2,4-Trichlorobenzene	0.861	0.749		-13.01	50
1,2,3-Trichlorobenzene	0.742	0.640		-13.75	50
1,2-Dichloroethane-d4	0.477	0.490		2.72	50
Dibromofluoromethane	0.299	0.298		-0.33	50
Toluene-d8	1.169	1.161		-0.68	50
4-Bromofluorobenzene	0.376	0.379		0.8	50

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