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.: Q2820
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/19/2025 19:08
Lab File ID: VY023160.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	0.320		-21.57	50
Chloromethane	0.661	0.610	0.1	-7.72	50
Vinyl Chloride	0.817	0.782		-4.28	50
Bromomethane	0.610	0.614		0.66	50
Chloroethane	0.543	0.553		1.84	50
Trichlorofluoromethane	0.994	0.893		-10.16	50
1,1,2-Trichlorotrifluoroethane	0.490	0.442		-9.8	50
1,1-Dichloroethene	0.482	0.454		-5.81	50
Acetone	0.103	0.077		-25.24	50
Carbon Disulfide	1.571	1.447		-7.89	50
Methyl tert-butyl Ether	1.249	1.186		-5.04	50
Methyl Acetate	0.307	0.309		0.65	50
Methylene Chloride	0.620	0.539		-13.06	50
trans-1,2-Dichloroethene	0.541	0.543		0.37	50
1,1-Dichloroethane	0.942	0.933	0.1	-0.95	50
Cyclohexane	0.888	0.746		-15.99	50
2-Butanone	0.140	0.118		-15.71	50
Carbon Tetrachloride	0.483	0.470		-2.69	50
cis-1,2-Dichloroethene	0.626	0.631		0.8	50
Bromochloromethane	0.374	0.372		-0.54	50
Chloroform	0.971	0.985		1.44	50
1,1,1-Trichloroethane	0.862	0.852		-1.16	50
Methylcyclohexane	0.586	0.534		-8.87	50
Benzene	1.370	1.375		0.37	50
1,2-Dichloroethane	0.356	0.348		-2.25	50
Trichloroethene	0.354	0.367		3.67	50
1,2-Dichloropropane	0.315	0.314		-0.32	50
Bromodichloromethane	0.466	0.472		1.29	50
4-Methyl-2-Pentanone	0.195	0.181		-7.18	50
Toluene	0.870	0.891		2.41	50
t-1,3-Dichloropropene	0.422	0.407		-3.56	50
cis-1,3-Dichloropropene	0.499	0.486		-2.61	50
1,1,2-Trichloroethane	0.242	0.243		0.41	50
2-Hexanone	0.133	0.120		-9.77	50
Dibromochloromethane	0.320	0.328		2.5	50
1,2-Dibromoethane	0.228	0.226		-0.88	50
Tetrachloroethene	0.446	0.501		12.33	50
Chlorobenzene	1.079	1.088	0.3	0.83	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	1.889		1.78	50
m/p-Xylenes	0.725	0.747		3.03	50
o-Xylene	0.679	0.703		3.54	50
Styrene	1.110	1.180		6.31	50
Bromoform	0.214	0.210	0.1	-1.87	50
Isopropylbenzene	3.529	3.482		-1.33	50
1,1,2,2-Tetrachloroethane	0.603	0.519	0.3	-13.93	50
1,3-Dichlorobenzene	1.660	1.648		-0.72	50
1,4-Dichlorobenzene	1.647	1.601		-2.79	50
1,2-Dichlorobenzene	1.456	1.432		-1.65	50
1,2-Dibromo-3-Chloropropane	0.094	0.084		-10.64	50
1,2,4-Trichlorobenzene	0.861	0.784		-8.94	50
1,2,3-Trichlorobenzene	0.742	0.672		-9.43	50
1,2-Dichloroethane-d4	0.477	0.470		-1.47	50
Dibromofluoromethane	0.299	0.299		0	50
Toluene-d8	1.169	1.189		1.71	50
4-Bromofluorobenzene	0.376	0.378		0.53	50

All other compounds must meet a minimum RRF of 0.010.
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