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 09:37
Lab File ID: VY023059.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	0.335		-17.89	20
Chloromethane	0.661	0.620	0.1	-6.2	20
Vinyl Chloride	0.817	0.788		-3.55	20
Bromomethane	0.610	0.575		-5.74	20
Chloroethane	0.543	0.535		-1.47	20
Trichlorofluoromethane	0.994	0.944		-5.03	20
1,1,2-Trichlorotrifluoroethane	0.490	0.465		-5.1	20
1,1-Dichloroethene	0.482	0.459		-4.77	20
Acetone	0.103	0.105		1.94	20
Carbon Disulfide	1.571	1.497		-4.71	20
Methyl tert-butyl Ether	1.249	1.158		-7.29	20
Methyl Acetate	0.307	0.256		-16.61	20
Methylene Chloride	0.620	0.519		-16.29	20
trans-1,2-Dichloroethene	0.541	0.526		-2.77	20
1,1-Dichloroethane	0.942	0.913	0.1	-3.08	20
Cyclohexane	0.888	0.821		-7.55	20
2-Butanone	0.140	0.129		-7.86	20
Carbon Tetrachloride	0.483	0.472		-2.28	20
cis-1,2-Dichloroethene	0.626	0.597		-4.63	20
Bromochloromethane	0.374	0.368		-1.6	20
Chloroform	0.971	0.932		-4.02	20
1,1,1-Trichloroethane	0.862	0.841		-2.44	20
Methylcyclohexane	0.586	0.575		-1.88	20
Benzene	1.370	1.334		-2.63	20
1,2-Dichloroethane	0.356	0.340		-4.49	20
Trichloroethene	0.354	0.344		-2.83	20
1,2-Dichloropropane	0.315	0.306		-2.86	20
Bromodichloromethane	0.466	0.450		-3.43	20
4-Methyl-2-Pentanone	0.195	0.181		-7.18	20
Toluene	0.870	0.864		-0.69	20
t-1,3-Dichloropropene	0.422	0.410		-2.84	20
cis-1,3-Dichloropropene	0.499	0.485		-2.81	20
1,1,2-Trichloroethane	0.242	0.224		-7.44	20
2-Hexanone	0.133	0.129		-3.01	20
Dibromochloromethane	0.320	0.300		-6.25	20
1,2-Dibromoethane	0.228	0.213		-6.58	20
Tetrachloroethene	0.446	0.447		0.22	20
Chlorobenzene	1.079	1.043	0.3	-3.34	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
Ethyl Benzene	1.856	1.856		0	20
m/p-Xylenes	0.725	0.725		0	20
o-Xylene	0.679	0.681		0.29	20
Styrene	1.110	1.123		1.17	20
Bromoform	0.214	0.195	0.1	-8.88	20
Isopropylbenzene	3.529	3.623		2.66	20
1,1,2,2-Tetrachloroethane	0.603	0.553	0.3	-8.29	20
1,3-Dichlorobenzene	1.660	1.656		-0.24	20
1,4-Dichlorobenzene	1.647	1.613		-2.06	20
1,2-Dichlorobenzene	1.456	1.412		-3.02	20
1,2-Dibromo-3-Chloropropane	0.094	0.089		-5.32	20
1,2,4-Trichlorobenzene	0.861	0.831		-3.48	20
1,2,3-Trichlorobenzene	0.742	0.698		-5.93	20
1,2-Dichloroethane-d4	0.477	0.476		-0.21	20
Dibromofluoromethane	0.299	0.301		0.67	20
Toluene-d8	1.169	1.200		2.65	20
4-Bromofluorobenzene	0.376	0.376		0	20

All other compounds must meet a minimum RRF of 0.010.
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