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: 08/19/2025 09:37
Lab File ID: VX047400.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	0.584		-8.32	20
Chloromethane	0.573	0.568	0.1	-0.87	20
Vinyl Chloride	0.720	0.658		-8.61	20
Bromomethane	0.291	0.267		-8.25	20
Chloroethane	0.440	0.408		-7.27	20
Trichlorofluoromethane	1.065	0.957		-10.14	20
1,1,2-Trichlorotrifluoroethane	0.618	0.582		-5.82	20
1,1-Dichloroethene	0.630	0.596		-5.4	20
Acetone	0.263	0.281		6.84	20
Carbon Disulfide	1.900	1.705		-10.26	20
Methyl tert-butyl Ether	1.915	2.133		11.38	20
Methyl Acetate	0.682	0.775		13.64	20
Methylene Chloride	0.697	0.733		5.16	20
trans-1,2-Dichloroethene	0.668	0.656		-1.8	20
1,1-Dichloroethane	1.222	1.251	0.1	2.37	20
Cyclohexane	1.126	0.994		-11.72	20
2-Butanone	0.344	0.391		13.66	20
Carbon Tetrachloride	0.560	0.503		-10.18	20
cis-1,2-Dichloroethene	0.778	0.806		3.6	20
Bromochloromethane	0.508	0.619		21.85	20
Chloroform	1.247	1.304		4.57	20
1,1,1-Trichloroethane	1.073	1.041		-2.98	20
Methylcyclohexane	0.639	0.540		-15.49	20
Benzene	1.533	1.493		-2.61	20
1,2-Dichloroethane	0.543	0.561		3.32	20
Trichloroethene	0.393	0.360		-8.4	20
1,2-Dichloropropane	0.384	0.390		1.56	20
Bromodichloromethane	0.578	0.589		1.9	20
4-Methyl-2-Pentanone	0.440	0.479		8.86	20
Toluene	0.947	0.914		-3.48	20
t-1,3-Dichloropropene	0.505	0.553		9.51	20
cis-1,3-Dichloropropene	0.571	0.604		5.78	20
1,1,2-Trichloroethane	0.360	0.376		4.44	20
2-Hexanone	0.304	0.329		8.22	20
Dibromochloromethane	0.428	0.444		3.74	20
1,2-Dibromoethane	0.371	0.387		4.31	20
Tetrachloroethene	0.362	0.319		-11.88	20
Chlorobenzene	1.188	1.128	0.3	-5.05	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	2.045	1.923		-5.97	20
m/p-Xylenes	0.763	0.726		-4.85	20
o-Xylene	0.734	0.698		-4.91	20
Styrene	1.240	1.250		0.81	20
Bromoform	0.302	0.316	0.1	4.64	20
Isopropylbenzene	3.913	3.540		-9.53	20
1,1,2,2-Tetrachloroethane	1.149	1.161	0.3	1.04	20
1,3-Dichlorobenzene	1.825	1.702		-6.74	20
1,4-Dichlorobenzene	1.877	1.737		-7.46	20
1,2-Dichlorobenzene	1.733	1.661		-4.16	20
1,2-Dibromo-3-Chloropropane	0.222	0.222		0	20
1,2,4-Trichlorobenzene	1.161	1.116		-3.88	20
1,2,3-Trichlorobenzene	1.095	1.078		-1.55	20
1,2-Dichloroethane-d4	0.700	0.805		15	20
Dibromofluoromethane	0.325	0.344		5.85	20
Toluene-d8	1.160	1.173		1.12	20
4-Bromofluorobenzene	0.428	0.455		6.31	20

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