284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: FIRS02
Lab Code: ACE
SDG No.: Q2814
Instrument ID: MSVOA_X
Calibration Date/Time: 08/13/2025 19:50
Lab File ID: VX047334.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.657		-1.05	50
Chloromethane	0.657	0.606	0.1	-7.76	50
Vinyl Chloride	0.706	0.731		3.54	50
Bromomethane	0.384	0.291		-24.22	50
Chloroethane	0.464	0.448		-3.45	50
Trichlorofluoromethane	1.053	1.047		-0.57	50
1,1,2-Trichlorotrifluoroethane	0.634	0.604		-4.73	50
1,1-Dichloroethene	0.628	0.637		1.43	50
Acetone	0.250	0.288		15.2	50
Carbon Disulfide	1.818	1.741		-4.24	50
Methyl tert-butyl Ether	1.912	2.191		14.59	50
Methyl Acetate	0.663	0.916		38.16	50
Methylene Chloride	0.686	0.758		10.5	50
trans-1,2-Dichloroethene	0.643	0.682		6.07	50
1,1-Dichloroethane	1.214	1.312	0.1	8.07	50
Cyclohexane	1.164	1.071		-7.99	50
2-Butanone	0.363	0.417		14.88	50
Carbon Tetrachloride	0.562	0.544		-3.2	50
cis-1,2-Dichloroethene	0.761	0.834		9.59	50
Bromochloromethane	0.559	0.638		14.13	50
Chloroform	1.236	1.343		8.66	50
1,1,1-Trichloroethane	1.074	1.114		3.72	50
Methylcyclohexane	0.657	0.565		-14	50
Benzene	1.523	1.592		4.53	50
1,2-Dichloroethane	0.536	0.584		8.95	50
Trichloroethene	0.391	0.397		1.53	50
1,2-Dichloropropane	0.381	0.409		7.35	50
Bromodichloromethane	0.569	0.612		7.56	50
4-Methyl-2-Pentanone	0.449	0.537		19.6	50
Toluene	0.936	0.991		5.88	50
t-1,3-Dichloropropene	0.538	0.525		-2.42	50
cis-1,3-Dichloropropene	0.588	0.577		-1.87	50
1,1,2-Trichloroethane	0.351	0.396		12.82	50
2-Hexanone	0.297	0.377		26.94	50
Dibromochloromethane	0.412	0.461		11.89	50
1,2-Dibromoethane	0.367	0.404		10.08	50
Tetrachloroethene	0.360	0.440		22.22	50
Chlorobenzene	1.171	1.212	0.3	3.5	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	2.048	2.076		1.37	50
m/p-Xylenes	0.766	0.776		1.3	50
o-Xylene	0.729	0.762		4.53	50
Styrene	1.250	1.332		6.56	50
Bromoform	0.300	0.335	0.1	11.67	50
Isopropylbenzene	3.945	3.924		-0.53	50
1,1,2,2-Tetrachloroethane	1.127	1.259	0.3	11.71	50
1,3-Dichlorobenzene	1.798	1.844		2.56	50
1,4-Dichlorobenzene	1.821	1.856		1.92	50
1,2-Dichlorobenzene	1.718	1.778		3.49	50
1,2-Dibromo-3-Chloropropane	0.216	0.256		18.52	50
1,2,4-Trichlorobenzene	1.135	1.144		0.79	50
1,2,3-Trichlorobenzene	1.094	1.128		3.11	50
1,2-Dichloroethane-d4	0.623	0.700		12.36	50
Dibromofluoromethane	0.309	0.348		12.62	50
Toluene-d8	1.000	0.968		-3.2	50
4-Bromofluorobenzene	0.431	0.469		8.82	50

All other compounds must meet a minimum RRF of 0.010.
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