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

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_V
Calibration Date/Time: 10/03/2025 08:53
Lab File ID: VV039242.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.792	0.678		-14.39	20
Chloromethane	0.850	0.705	0.1	-17.06	20
Vinyl Chloride	0.910	0.797		-12.42	20
Bromomethane	0.573	0.524		-8.55	20
Chloroethane	0.631	0.533		-15.53	20
Trichlorofluoromethane	1.317	1.296		-1.6	20
1,1,2-Trichlorotrifluoroethane	0.784	0.780		-0.51	20
Tert butyl alcohol	0.153	0.135		-11.77	20
1,1-Dichloroethene	0.754	0.737		-2.26	20
Acetone	0.523	0.465		-11.09	20
Carbon Disulfide	2.306	1.914		-17	20
Methyl tert-butyl Ether	2.402	2.433		1.29	20
Methyl Acetate	1.072	1.143		6.62	20
Methylene Chloride	1.066	0.842		-21.01	20
trans-1,2-Dichloroethene	0.803	0.776		-3.36	20
1,1-Dichloroethane	1.576	1.470	0.1	-6.73	20
Cyclohexane	1.291	1.058		-18.05	20
2-Butanone	0.579	0.545		-5.87	20
Carbon Tetrachloride	0.743	0.816		9.82	20
cis-1,2-Dichloroethene	0.885	0.850		-3.95	20
Bromochloromethane	0.696	0.695		-0.14	20
Chloroform	1.645	1.541		-6.32	20
1,1,1-Trichloroethane	1.424	1.326		-6.88	20
Methylcyclohexane	0.734	0.753		2.59	20
Benzene	1.979	2.157		8.99	20
1,2-Dichloroethane	0.693	0.737		6.35	20
Trichloroethene	0.457	0.530		15.97	20
1,2-Dichloropropane	0.492	0.557		13.21	20
Bromodichloromethane	0.778	0.870		11.82	20
4-Methyl-2-Pentanone	0.661	0.770		16.49	20
Toluene	1.147	1.390		21.19	20
t-1,3-Dichloropropene	0.678	0.811		19.62	20
cis-1,3-Dichloropropene	0.749	0.891		18.96	20
1,1,2-Trichloroethane	0.514	0.596		15.95	20
2-Hexanone	0.463	0.579		25.05	20
Dibromochloromethane	0.586	0.698		19.11	20
1,2-Dibromoethane	0.526	0.621		18.06	20
Tetrachloroethene	0.419	0.472		12.65	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
Chlorobenzene	1.393	1.547	0.3	10.98	20
Ethyl Benzene	2.108	2.531		20.07	20
m/p-Xylenes	0.814	1.051		29.11	20
o-Xylene	0.720	0.926		28.61	20
Styrene	1.263	1.770		40.14	20
Bromoform	0.393	0.490	0.1	24.68	20
Isopropylbenzene	3.627	3.916		7.97	20
1,1,2,2-Tetrachloroethane	1.589	1.472	0.3	-7.36	20
1,3-Dichlorobenzene	1.904	1.998		4.94	20
1,4-Dichlorobenzene	2.089	2.097		0.38	20
1,2-Dichlorobenzene	1.779	1.851		4.05	20
1,2-Dibromo-3-Chloropropane	0.330	0.287		-13.03	20
1,2,4-Trichlorobenzene	1.020	1.095		7.35	20
1,2,3-Trichlorobenzene	1.043	1.148		10.07	20
1,2-Dichloroethane-d4	0.724	0.604		-16.58	20
Dibromofluoromethane	0.402	0.442		9.95	20
Toluene-d8	1.181	1.194		1.1	20
4-Bromofluorobenzene	0.486	0.586		20.58	20

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