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

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2924

Instrument ID: MSVOA_V | Calibration Date/Time: 08/22/2025 09:03

Lab File ID: VV039009.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:05 11:45

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.747	0.601		-19.55	20
Chloromethane	0.772	0.585	0.1	-24.22	20
Vinyl Chloride	0.815	0.691		-15.22	20
Bromomethane	0.440	0.347		-21.14	20
Chloroethane	0.415	0.469		13.01	20
Trichlorofluoromethane	1.116	1.051		-5.82	20
1,1,2-Trichlorotrifluoroethane	0.616	0.640		3.9	20
1,1-Dichloroethene	0.567	0.607		7.05	20
Acetone	0.282	0.366		29.79	20
Carbon Disulfide	1.578	1.789		13.31	20
Methyl tert-butyl Ether	1.678	2.087		24.37	20
Methyl Acetate	0.597	0.801		34.17	20
Methylene Chloride	0.654	0.668		2.14	20
trans-1,2-Dichloroethene	0.591	0.630		6.6	20
1,1-Dichloroethane	1.102	1.141	0.1	3.54	20
Cyclohexane	0.983	1.041		5.9	20
2-Butanone	0.366	0.460		25.68	20
Carbon Tetrachloride	0.652	0.526		-19.33	20
cis-1,2-Dichloroethene	0.713	0.751		5.33	20
Bromochloromethane	0.320	0.277		-13.44	20
Chloroform	1.259	1.179		-6.35	20
1,1,1-Trichloroethane	1.183	1.068		-9.72	20
Methylcyclohexane	0.622	0.651		4.66	20
Benzene	1.525	1.478		-3.08	20
1,2-Dichloroethane	0.558	0.490		-12.19	20
Trichloroethene	0.414	0.376		-9.18	20
1,2-Dichloropropane	0.366	0.371		1.37	20
Bromodichloromethane	0.625	0.561		-10.24	20
4-Methyl-2-Pentanone	0.477	0.534		11.95	20
Toluene	0.966	0.942		-2.48	20
t-1,3-Dichloropropene	0.584	0.588		0.69	20
cis-1,3-Dichloropropene	0.605	0.623		2.97	20
1,1,2-Trichloroethane	0.421	0.375		-10.93	20
2-Hexanone	0.355	0.396		11.55	20
Dibromochloromethane	0.509	0.441		-13.36	20
1,2-Dibromoethane	0.437	0.409		-6.41	20
Tetrachloroethene	0.372	0.348		-6.45	20
Chlorobenzene	1.206	1.155	0.3	-4.23	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	1.840	2.002		8.8	20
m/p-Xylenes	0.715	0.770		7.69	20
o-Xylene	0.651	0.736		13.06	20
Styrene	1.118	1.245		11.36	20
Bromoform	0.357	0.338	0.1	-5.32	20
Isopropylbenzene	3.355	3.778		12.61	20
1,1,2,2-Tetrachloroethane	1.332	1.280	0.3	-3.9	20
1,3-Dichlorobenzene	1.702	1.744		2.47	20
1,4-Dichlorobenzene	1.816	1.769		-2.59	20
1,2-Dichlorobenzene	1.623	1.615		-0.49	20
1,2-Dibromo-3-Chloropropane	0.259	0.274		5.79	20
1,2,4-Trichlorobenzene	0.969	1.043		7.64	20
1,2,3-Trichlorobenzene	0.977	1.083		10.85	20
1,2-Dichloroethane-d4	0.702	0.659		-6.13	20
Dibromofluoromethane	0.375	0.333		-11.2	20
Toluene-d8	1.308	1.155		-11.7	20
4-Bromofluorobenzene	0.478	0.443		-7.32	20

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