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: 08/21/2025 15:42
Lab File ID: VV038982.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	0.644		-13.79	20
Chloromethane	0.772	0.671	0.1	-13.08	20
Vinyl Chloride	0.815	0.716		-12.15	20
Bromomethane	0.440	0.434		-1.36	20
Chloroethane	0.415	0.391		-5.78	20
Trichlorofluoromethane	1.116	1.035		-7.26	20
1,1,2-Trichlorotrifluoroethane	0.616	0.554		-10.06	20
1,1-Dichloroethene	0.567	0.536		-5.47	20
Acetone	0.282	0.277		-1.77	20
Carbon Disulfide	1.578	1.548		-1.9	20
Methyl tert-butyl Ether	1.678	1.921		14.48	20
Methyl Acetate	0.597	0.750		25.63	20
Methylene Chloride	0.654	0.690		5.51	20
trans-1,2-Dichloroethene	0.591	0.641		8.46	20
1,1-Dichloroethane	1.102	1.114	0.1	1.09	20
Cyclohexane	0.983	0.959		-2.44	20
2-Butanone	0.366	0.416		13.66	20
Carbon Tetrachloride	0.652	0.600		-7.97	20
cis-1,2-Dichloroethene	0.713	0.718		0.7	20
Bromochloromethane	0.320	0.269		-15.94	20
Chloroform	1.259	1.201		-4.61	20
1,1,1-Trichloroethane	1.183	1.077		-8.96	20
Methylcyclohexane	0.622	0.666		7.07	20
Benzene	1.525	1.571		3.02	20
1,2-Dichloroethane	0.558	0.537		-3.76	20
Trichloroethene	0.414	0.401		-3.14	20
1,2-Dichloropropane	0.366	0.389		6.28	20
Bromodichloromethane	0.625	0.597		-4.48	20
4-Methyl-2-Pentanone	0.477	0.544		14.05	20
Toluene	0.966	1.015		5.07	20
t-1,3-Dichloropropene	0.584	0.604		3.42	20
cis-1,3-Dichloropropene	0.605	0.643		6.28	20
1,1,2-Trichloroethane	0.421	0.414		-1.66	20
2-Hexanone	0.355	0.405		14.09	20
Dibromochloromethane	0.509	0.477		-6.29	20
1,2-Dibromoethane	0.437	0.436		-0.23	20
Tetrachloroethene	0.372	0.377		1.34	20
Chlorobenzene	1.206	1.194	0.3	-1	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	2.027		10.16	20
m/p-Xylenes	0.715	0.813		13.71	20
o-Xylene	0.651	0.749		15.05	20
Styrene	1.118	1.344		20.22	20
Bromoform	0.357	0.356	0.1	-0.28	20
Isopropylbenzene	3.355	3.588		6.95	20
1,1,2,2-Tetrachloroethane	1.332	1.201	0.3	-9.84	20
1,3-Dichlorobenzene	1.702	1.726		1.41	20
1,4-Dichlorobenzene	1.816	1.752		-3.52	20
1,2-Dichlorobenzene	1.623	1.634		0.68	20
1,2-Dibromo-3-Chloropropane	0.259	0.256		-1.16	20
1,2,4-Trichlorobenzene	0.969	1.048		8.15	20
1,2,3-Trichlorobenzene	0.977	1.075		10.03	20
1,2-Dichloroethane-d4	0.702	0.672		-4.27	20
Dibromofluoromethane	0.375	0.368		-1.87	20
Toluene-d8	1.308	1.282		-1.99	20
4-Bromofluorobenzene	0.478	0.486		1.67	20

All other compounds must meet a minimum RRF of 0.010.
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