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.: Q2819
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/14/2025 20:38
Lab File ID: VY023109.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.306		-25	50
Chloromethane	0.661	0.669	0.1	1.21	50
Vinyl Chloride	0.817	0.871		6.61	50
Bromomethane	0.610	0.684		12.13	50
Chloroethane	0.543	0.616		13.44	50
Trichlorofluoromethane	0.994	0.944		-5.03	50
1,1,2-Trichlorotrifluoroethane	0.490	0.445		-9.18	50
1,1-Dichloroethene	0.482	0.449		-6.85	50
Acetone	0.103	0.075		-27.18	50
Carbon Disulfide	1.571	1.453		-7.51	50
Methyl tert-butyl Ether	1.249	1.233		-1.28	50
Methyl Acetate	0.307	0.317		3.26	50
Methylene Chloride	0.620	0.545		-12.1	50
trans-1,2-Dichloroethene	0.541	0.528		-2.4	50
1,1-Dichloroethane	0.942	0.954	0.1	1.27	50
Cyclohexane	0.888	0.781		-12.05	50
2-Butanone	0.140	0.124		-11.43	50
Carbon Tetrachloride	0.483	0.455		-5.8	50
cis-1,2-Dichloroethene	0.626	0.631		0.8	50
Bromochloromethane	0.374	0.376		0.54	50
Chloroform	0.971	1.010		4.02	50
1,1,1-Trichloroethane	0.862	0.864		0.23	50
Methylcyclohexane	0.586	0.539		-8.02	50
Benzene	1.370	1.362		-0.58	50
1,2-Dichloroethane	0.356	0.355		-0.28	50
Trichloroethene	0.354	0.336		-5.09	50
1,2-Dichloropropane	0.315	0.317		0.63	50
Bromodichloromethane	0.466	0.478		2.58	50
4-Methyl-2-Pentanone	0.195	0.187		-4.1	50
Toluene	0.870	0.879		1.03	50
t-1,3-Dichloropropene	0.422	0.405		-4.03	50
cis-1,3-Dichloropropene	0.499	0.481		-3.61	50
1,1,2-Trichloroethane	0.242	0.238		-1.65	50
2-Hexanone	0.133	0.124		-6.77	50
Dibromochloromethane	0.320	0.319		-0.31	50
1,2-Dibromoethane	0.228	0.223		-2.19	50
Tetrachloroethene	0.446	0.421		-5.61	50
Chlorobenzene	1.079	1.043	0.3	-3.34	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.856	1.811		-2.42	50
m/p-Xylenes	0.725	0.724		-0.14	50
o-Xylene	0.679	0.686		1.03	50
Styrene	1.110	1.150		3.6	50
Bromoform	0.214	0.202	0.1	-5.61	50
Isopropylbenzene	3.529	3.313		-6.12	50
1,1,2,2-Tetrachloroethane	0.603	0.552	0.3	-8.46	50
1,3-Dichlorobenzene	1.660	1.592		-4.1	50
1,4-Dichlorobenzene	1.647	1.544		-6.25	50
1,2-Dichlorobenzene	1.456	1.373		-5.7	50
1,2-Dibromo-3-Chloropropane	0.094	0.085		-9.57	50
1,2,4-Trichlorobenzene	0.861	0.771		-10.45	50
1,2,3-Trichlorobenzene	0.742	0.666		-10.24	50
1,2-Dichloroethane-d4	0.477	0.514		7.76	50
Dibromofluoromethane	0.299	0.303		1.34	50
Toluene-d8	1.169	1.191		1.88	50
4-Bromofluorobenzene	0.376	0.388		3.19	50

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