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: 08/19/2025 09:11
Lab File ID: VY023137.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	0.339		-16.91	20
Chloromethane	0.661	0.565	0.1	-14.52	20
Vinyl Chloride	0.817	0.743		-9.06	20
Bromomethane	0.610	0.580		-4.92	20
Chloroethane	0.543	0.507		-6.63	20
Trichlorofluoromethane	0.994	0.908		-8.65	20
1,1,2-Trichlorotrifluoroethane	0.490	0.476		-2.86	20
1,1-Dichloroethene	0.482	0.477		-1.04	20
Acetone	0.103	0.113		9.71	20
Carbon Disulfide	1.571	1.449		-7.77	20
Methyl tert-butyl Ether	1.249	1.212		-2.96	20
Methyl Acetate	0.307	0.263		-14.33	20
Methylene Chloride	0.620	0.513		-17.26	20
trans-1,2-Dichloroethene	0.541	0.535		-1.11	20
1,1-Dichloroethane	0.942	0.908	0.1	-3.61	20
Cyclohexane	0.888	0.821		-7.55	20
2-Butanone	0.140	0.137		-2.14	20
Carbon Tetrachloride	0.483	0.498		3.11	20
cis-1,2-Dichloroethene	0.626	0.626		0	20
Bromochloromethane	0.374	0.333		-10.96	20
Chloroform	0.971	0.958		-1.34	20
1,1,1-Trichloroethane	0.862	0.864		0.23	20
Methylcyclohexane	0.586	0.607		3.58	20
Benzene	1.370	1.381		0.8	20
1,2-Dichloroethane	0.356	0.342		-3.93	20
Trichloroethene	0.354	0.365		3.11	20
1,2-Dichloropropane	0.315	0.316		0.32	20
Bromodichloromethane	0.466	0.464		-0.43	20
4-Methyl-2-Pentanone	0.195	0.188		-3.59	20
Toluene	0.870	0.899		3.33	20
t-1,3-Dichloropropene	0.422	0.431		2.13	20
cis-1,3-Dichloropropene	0.499	0.504		1	20
1,1,2-Trichloroethane	0.242	0.243		0.41	20
2-Hexanone	0.133	0.135		1.5	20
Dibromochloromethane	0.320	0.326		1.88	20
1,2-Dibromoethane	0.228	0.229		0.44	20
Tetrachloroethene	0.446	0.450		0.9	20
Chlorobenzene	1.079	1.127	0.3	4.45	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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Ethyl Benzene	1.856	1.962		5.71	20
m/p-Xylenes	0.725	0.779		7.45	20
o-Xylene	0.679	0.732		7.81	20
Styrene	1.110	1.221		10	20
Bromoform	0.214	0.218	0.1	1.87	20
Isopropylbenzene	3.529	3.707		5.04	20
1,1,2,2-Tetrachloroethane	0.603	0.586	0.3	-2.82	20
1,3-Dichlorobenzene	1.660	1.734		4.46	20
1,4-Dichlorobenzene	1.647	1.689		2.55	20
1,2-Dichlorobenzene	1.456	1.499		2.95	20
1,2-Dibromo-3-Chloropropane	0.094	0.088		-6.38	20
1,2,4-Trichlorobenzene	0.861	0.881		2.32	20
1,2,3-Trichlorobenzene	0.742	0.735		-0.94	20
1,2-Dichloroethane-d4	0.477	0.431		-9.64	20
Dibromofluoromethane	0.299	0.292		-2.34	20
Toluene-d8	1.169	1.150		-1.63	20
4-Bromofluorobenzene	0.376	0.373		-0.8	20

All other compounds must meet a minimum RRF of 0.010.
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