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_X
Calibration Date/Time: 10/06/2025 08:54
Lab File ID: VX048009.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.605		16.8	20
Chloromethane	0.680	0.636	0.1	-6.47	20
Vinyl Chloride	0.666	0.691		3.75	20
Bromomethane	0.422	0.421		-0.24	20
Chloroethane	0.445	0.444		-0.22	20
Trichlorofluoromethane	0.989	1.092		10.41	20
1,1,2-Trichlorotrifluoroethane	0.578	0.657		13.67	20
Tert butyl alcohol	0.089	0.070		-21.35	20
1,1-Dichloroethene	0.594	0.601		1.18	20
Acetone	0.346	0.342		-1.16	20
Carbon Disulfide	1.626	1.517		-6.7	20
Methyl tert-butyl Ether	2.169	2.043		-5.81	20
Methyl Acetate	0.770	0.794		3.12	20
Methylene Chloride	0.732	0.697		-4.78	20
trans-1,2-Dichloroethene	0.640	0.623		-2.66	20
1,1-Dichloroethane	1.263	1.250	0.1	-1.03	20
Cyclohexane	1.052	0.962		-8.56	20
2-Butanone	0.432	0.396		-8.33	20
Carbon Tetrachloride	0.532	0.573		7.71	20
cis-1,2-Dichloroethene	0.783	0.750		-4.22	20
Bromochloromethane	0.551	0.549		-0.36	20
Chloroform	1.276	1.253		-1.8	20
1,1,1-Trichloroethane	1.082	1.094		1.11	20
Methylcyclohexane	0.556	0.563		1.26	20
Benzene	1.488	1.493		0.34	20
1,2-Dichloroethane	0.566	0.554		-2.12	20
Trichloroethene	0.360	0.368		2.22	20
1,2-Dichloropropane	0.381	0.395		3.67	20
Bromodichloromethane	0.572	0.607		6.12	20
4-Methyl-2-Pentanone	0.477	0.457		-4.19	20
Toluene	0.917	0.910		-0.76	20
t-1,3-Dichloropropene	0.584	0.576		-1.37	20
cis-1,3-Dichloropropene	0.624	0.627		0.48	20
1,1,2-Trichloroethane	0.354	0.355		0.28	20
2-Hexanone	0.343	0.319		-7	20
Dibromochloromethane	0.407	0.436		7.13	20
1,2-Dibromoethane	0.360	0.364		1.11	20
Tetrachloroethene	0.326	0.330		1.23	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
Chlorobenzene	1.136	1.153	0.3	1.5	20
Ethyl Benzene	1.960	1.991		1.58	20
m/p-Xylenes	0.729	0.745		2.19	20
o-Xylene	0.706	0.712		0.85	20
Styrene	1.236	1.248		0.97	20
Bromoform	0.293	0.313	0.1	6.83	20
Isopropylbenzene	3.801	3.830		0.76	20
1,1,2,2-Tetrachloroethane	1.150	1.131	0.3	-1.65	20
1,3-Dichlorobenzene	1.739	1.695		-2.53	20
1,4-Dichlorobenzene	1.785	1.698		-4.87	20
1,2-Dichlorobenzene	1.657	1.632		-1.51	20
1,2-Dibromo-3-Chloropropane	0.233	0.217		-6.87	20
1,2,4-Trichlorobenzene	1.077	1.011		-6.13	20
1,2,3-Trichlorobenzene	1.002	0.945		-5.69	20
1,2-Dichloroethane-d4	0.796	0.715		-10.18	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.440	0.426		-3.18	20

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