284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ALLI03
Lab Code: ACE
SDG No.: Q3015
Instrument ID: MSVOA_N
Calibration Date/Time: 09/17/2025 09:42
Lab File ID: VN087869.D
Init. Calib. Date(s): 09/04/2025 09/04/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 16:23 17:46
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.865	1.833		-1.72	
Chloromethane	1.957	1.487		-24.02	
Vinyl Chloride	2.213	1.692	0.1	-23.54	
Ethyl Acetate	0.686	0.591		-13.85	
Bromomethane	1.298	0.922	0.1	-28.97	
Chloroethane	1.512	1.076		-28.84	
Trichlorofluoromethane	3.243	2.707		-16.53	
1,1,2-Trichlorotrifluoroethane	1.757	1.557		-11.38	
1,1-Dichloroethene	1.811	1.471	0.1	-18.77	
Acrolein	0.497	0.578		16.3	
Acrylonitrile	1.202	1.090		-9.32	
Acetone	0.375	0.315		-16	
Carbon Disulfide	4.972	4.145		-16.63	
Methyl tert-Butyl Ether	6.466	6.174		-4.52	
Methylene Chloride	2.052	1.906		-7.11	
trans-1,2-Dichloroethene	1.847	1.654		-10.45	
Vinyl Acetate	1.122	0.929		-17.2	
1,1-Dichloroethane	3.725	3.405	0.2	-8.59	
2-Butanone	0.336	0.296		-11.9	
Carbon Tetrachloride	0.515	0.484	0.1	-6.02	
2,2-Dichloropropane	0.588	0.608		3.4	
cis-1,2-Dichloroethene	2.242	2.095		-6.56	
Chloroform	3.899	3.643	0.2	-6.57	
1,1,1-Trichloroethane	0.618	0.585	0.1	-5.34	
1,1-Dichloropropene	0.488	0.435		-10.86	
Benzene	1.576	1.389	0.5	-11.86	
1,2-Dichloroethane	0.595	0.532	0.1	-10.59	
Trichloroethene	0.352	0.336	0.3	-4.55	
1,2-Dichloropropane	0.404	0.353		-12.62	
Dibromomethane	0.300	0.267		-11	
Bromodichloromethane	0.614	0.543	0.2	-11.56	
4-Methyl-2-Pentanone	0.709	0.635		-10.44	
Toluene	1.815	1.660	0.4	-8.54	
t-1,3-Dichloropropene	0.638	0.544	0.1	-14.73	
cis-1,3-Dichloropropene	0.653	0.584	0.2	-10.57	
1,1,2-Trichloroethane	0.388	0.361	0.1	-6.96	
1,3-Dichloropropane	0.674	0.588		-12.76	
2-Chloroethyl vinyl ether	0.346	0.310		-10.4	

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	RRF020	MIN RRF	%D	MAX%D
2-Hexanone	0.464	0.410		-11.64	
Dibromochloromethane	0.435	0.404	0.1	-7.13	
1,2-Dibromoethane	0.404	0.365		-9.65	
Tetrachloroethene	0.299	0.295	0.2	-1.34	
Chlorobenzene	1.114	1.042	0.5	-6.46	
1,1,1,2-Tetrachloroethane	0.392	0.377		-3.83	
Ethyl Benzene	1.958	1.821	0.1	-7	
m/p-Xylenes	0.727	0.678	0.3	-6.74	
o-Xylene	0.705	0.643	0.3	-8.79	
Styrene	1.225	1.108	0.3	-9.55	
Bromoform	0.284	0.265	0.1	-6.69	
Isopropylbenzene	1.787	1.706		-4.53	
1,1,2,2-Tetrachloroethane	0.642	0.598	0.3	-6.85	
1,2,3-Trichloropropane	0.631	0.561		-11.09	
Bromobenzene	0.437	0.413		-5.49	
n-propylbenzene	2.254	2.140		-5.06	
2-Chlorotoluene	1.357	1.275		-6.04	
1,3,5-Trimethylbenzene	1.509	1.446		-4.18	
4-Chlorotoluene	1.368	1.243		-9.14	
1,2,4-Trimethylbenzene	1.547	1.455		-5.95	
sec-Butylbenzene	1.858	1.868		0.54	
p-Isopropyltoluene	1.531	1.554		1.5	
1,3-Dichlorobenzene	0.843	0.828	0.2	-1.78	
1,4-Dichlorobenzene	0.845	0.856	0.2	1.3	
n-Butylbenzene	1.472	1.461		-0.75	
1,2-Dichlorobenzene	0.795	0.815	0.2	2.52	
1,2-Dibromo-3-Chloropropane	0.143	0.132		-7.69	
1,2,4-Trichlorobenzene	0.452	0.458	0.2	1.33	
Hexachlorobutadiene	0.152	0.173		13.82	
Naphthalene	1.664	1.553		-6.67	
1,2,3-Trichlorobenzene	0.452	0.458		1.33	
1,2-Dichloroethane-d4	2.563	2.512	0.01	-1.99	
Toluene-d8	1.395	1.343	0.01	-3.73	
4-Bromofluorobenzene	0.482	0.479	0.2	-0.62	

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