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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG No.: Q2594
Instrument ID: MSVOA_N
Calibration Date/Time: 07/18/2025 09:15
Lab File ID: VN087353.D
Init. Calib. Date(s): 06/25/2025 06/25/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 08:59 10:24
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.806	1.438		-20.38	
Chloromethane	1.845	1.699		-7.91	
Vinyl Chloride	2.005	1.785	0.1	-10.97	
Bromomethane	1.064	1.047	0.1	-1.6	
Chloroethane	1.075	1.179		9.67	
Trichlorofluoromethane	2.459	2.669		8.54	
1,1,2-Trichlorotrifluoroethane	1.823	1.444		-20.79	
1,1-Dichloroethene	1.817	1.427	0.1	-21.46	
Acetone	0.388	0.348		-10.31	
Carbon Disulfide	5.313	3.940		-25.84	
Methyl tert-Butyl Ether	6.374	6.346		-0.44	
Methyl Acetate	2.851	3.019		5.89	
Methylene Chloride	2.105	2.029		-3.61	
trans-1,2-Dichloroethene	1.987	1.674		-15.75	
1,1-Dichloroethane	3.801	3.616	0.2	-4.87	
Cyclohexane	0.567	0.489		-13.76	
2-Butanone	0.315	0.330		4.76	
Carbon Tetrachloride	0.460	0.485	0.1	5.43	
cis-1,2-Dichloroethene	2.313	2.136		-7.65	
Chloroform	3.641	3.679	0.2	1.04	
1,1,1-Trichloroethane	0.546	0.575	0.1	5.31	
Methylcyclohexane	0.537	0.487		-9.31	
Benzene	1.481	1.442	0.5	-2.63	
1,2-Dichloroethane	0.479	0.539	0.1	12.53	
Trichloroethene	0.342	0.321	0.3	-6.14	
1,2-Dichloropropane	0.372	0.379		1.88	
Bromodichloromethane	0.510	0.558	0.2	9.41	
4-Methyl-2-Pentanone	0.603	0.712		18.08	
Toluene	1.694	1.691	0.4	-0.18	
t-1,3-Dichloropropene	0.569	0.589	0.1	3.52	
cis-1,3-Dichloropropene	0.605	0.615	0.2	1.65	
1,1,2-Trichloroethane	0.359	0.362	0.1	0.84	
2-Hexanone	0.389	0.490		25.96	
Dibromochloromethane	0.377	0.416	0.1	10.35	
1,2-Dibromoethane	0.371	0.367		-1.08	
Tetrachloroethene	0.297	0.308	0.2	3.7	
Chlorobenzene	1.081	1.094	0.5	1.2	
Ethyl Benzene	1.855	1.825	0.1	-1.62	

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
m/p-Xylenes	0.711	0.711	0.3	0	
o-Xylene	0.678	0.690	0.3	1.77	
Styrene	1.164	1.161	0.3	-0.26	
Bromoform	0.259	0.273	0.1	5.41	
Isopropylbenzene	1.689	1.760		4.2	
1,1,2,2-Tetrachloroethane	0.608	0.622	0.3	2.3	
1,3,5-Trimethylbenzene	1.375	1.466		6.62	
1,3-Dichlorobenzene	0.789	0.844	0.2	6.97	
1,4-Dichlorobenzene	0.794	0.801	0.2	0.88	
1,2-Dichlorobenzene	0.744	0.797	0.2	7.12	
1,2-Dibromo-3-Chloropropane	0.137	0.136		-0.73	
1,2,4-Trichlorobenzene	0.421	0.465	0.2	10.45	
1,2,3-Trichlorobenzene	0.421	0.465		10.45	
1,2-Dichloroethane-d4	2.260	2.451	0.01	8.45	
Toluene-d8	1.347	1.348	0.01	0.07	
4-Bromofluorobenzene	0.463	0.486	0.2	4.97	

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