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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2638
Instrument ID: MSVOA_Y
Calibration Date/Time: 07/21/2025 19:16
Lab File ID: VY023037.D
Init. Calib. Date(s): 07/18/2025 07/18/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 10:08 12:49
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.425	0.348		-18.12	50
Chloromethane	0.722	0.739	0.1	2.36	50
Vinyl Chloride	0.915	0.936		2.3	50
Bromomethane	0.660	0.705		6.82	50
Chloroethane	0.611	0.661		8.18	50
Tetrahydrofuran	0.083	0.092		10.84	50
Trichlorofluoromethane	1.062	0.980		-7.72	50
1,1,2-Trichlorotrifluoroethane	0.558	0.495		-11.29	50
1,1-Dichloroethene	0.531	0.477		-10.17	50
Acrylonitrile	0.105	0.115		9.52	50
Acetone	0.092	0.083		-9.78	50
Carbon Disulfide	1.610	1.461		-9.26	50
Methyl tert-butyl Ether	1.274	1.332		4.55	50
Methylene Chloride	0.871	0.672		-22.85	50
trans-1,2-Dichloroethene	0.591	0.562		-4.91	50
1,1-Dichloroethane	1.079	1.069	0.1	-0.93	50
2-Butanone	0.132	0.137		3.79	50
Carbon Tetrachloride	0.543	0.495		-8.84	50
2,2-Dichloropropane	0.945	0.820		-13.23	50
cis-1,2-Dichloroethene	0.682	0.670		-1.76	50
Chloroform	1.088	1.112		2.21	50
1,1,1-Trichloroethane	0.987	0.947		-4.05	50
1,1-Dichloropropene	0.500	0.460		-8	50
Benzene	1.504	1.467		-2.46	50
1,2-Dichloroethane	0.374	0.391		4.55	50
Trichloroethene	0.386	0.350		-9.33	50
1,2-Dichloropropane	0.351	0.345		-1.71	50
Dibromomethane	0.182	0.186		2.2	50
Bromodichloromethane	0.502	0.504		0.4	50
4-Methyl-2-Pentanone	0.187	0.206		10.16	50
Toluene	0.935	0.908		-2.89	50
t-1,3-Dichloropropene	0.431	0.430		-0.23	50
cis-1,3-Dichloropropene	0.519	0.516		-0.58	50
1,1,2-Trichloroethane	0.239	0.244		2.09	50
1,3-Dichloropropane	0.412	0.430		4.37	50
2-Hexanone	0.123	0.135		9.76	50
Dibromochloromethane	0.312	0.322		3.2	50
1,2-Dibromoethane	0.217	0.225		3.69	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
Tetrachloroethene	0.511	0.431		-15.66	50
Chlorobenzene	1.180	1.106	0.3	-6.27	50
1,1,1,2-Tetrachloroethane	0.402	0.384		-4.48	50
Ethyl Benzene	2.091	1.973		-5.64	50
m/p-Xylenes	0.802	0.758		-5.49	50
o-Xylene	0.744	0.714		-4.03	50
Styrene	1.219	1.216		-0.25	50
Bromoform	0.204	0.201	0.1	-1.47	50
Isopropylbenzene	4.239	3.693		-12.88	50
1,1,2,2-Tetrachloroethane	0.613	0.605	0.3	-1.3	50
1,2,3-Trichloropropane	0.623	0.482		-22.63	50
Bromobenzene	0.919	0.829		-9.79	50
n-propylbenzene	5.048	4.517		-10.52	50
2-Chlorotoluene	2.839	2.513		-11.48	50
1,3,5-Trimethylbenzene	3.343	3.018		-9.72	50
4-Chlorotoluene	2.864	2.625		-8.35	50
tert-Butylbenzene	3.020	2.670		-11.59	50
1,2,4-Trimethylbenzene	3.291	3.028		-7.99	50
sec-Butylbenzene	4.526	4.019		-11.2	50
p-Isopropyltoluene	3.676	3.297		-10.31	50
1,3-Dichlorobenzene	1.855	1.655		-10.78	50
1,4-Dichlorobenzene	1.795	1.609		-10.36	50
n-Butylbenzene	3.392	3.081		-9.17	50
1,2-Dichlorobenzene	1.565	1.442		-7.86	50
1,2-Dibromo-3-Chloropropane	0.091	0.094		3.3	50
1,2,4-Trichlorobenzene	0.825	0.751		-8.97	50
Hexachlorobutadiene	0.520	0.442		-15	50
1,2,3-Trichlorobenzene	0.681	0.635		-6.76	50
1,2-Dichloroethane-d4	0.506	0.550		8.7	50
Dibromofluoromethane	0.317	0.310		-2.21	50
Toluene-d8	1.258	1.233		-1.99	50
4-Bromofluorobenzene	0.396	0.394		-0.5	50
trans-1,4-Dichloro-2-butene	0.209	0.184		-11.96	50

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