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: 07/18/2025 21:30
Lab File ID: VY023013.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	0.373		-12.23	50
Chloromethane	0.722	0.855	0.1	18.42	50
Vinyl Chloride	0.915	1.043		13.99	50
Bromomethane	0.660	0.825		25	50
Chloroethane	0.611	0.741		21.28	50
Tetrahydrofuran	0.083	0.111		33.74	50
Trichlorofluoromethane	1.062	1.154		8.66	50
1,1,2-Trichlorotrifluoroethane	0.558	0.528		-5.38	50
1,1-Dichloroethene	0.531	0.499		-6.03	50
Acrylonitrile	0.105	0.131		24.76	50
Acetone	0.092	0.096		4.35	50
Carbon Disulfide	1.610	1.537		-4.53	50
Methyl tert-butyl Ether	1.274	1.467		15.15	50
Methylene Chloride	0.871	0.702		-19.4	50
trans-1,2-Dichloroethene	0.591	0.581		-1.69	50
1,1-Dichloroethane	1.079	1.114	0.1	3.24	50
2-Butanone	0.132	0.164		24.24	50
Carbon Tetrachloride	0.543	0.506		-6.81	50
2,2-Dichloropropane	0.945	0.836		-11.53	50
cis-1,2-Dichloroethene	0.682	0.694		1.76	50
Chloroform	1.088	1.144		5.15	50
1,1,1-Trichloroethane	0.987	0.972		-1.52	50
1,1-Dichloropropene	0.500	0.481		-3.8	50
Benzene	1.504	1.533		1.93	50
1,2-Dichloroethane	0.374	0.421		12.57	50
Trichloroethene	0.386	0.373		-3.37	50
1,2-Dichloropropane	0.351	0.362		3.13	50
Dibromomethane	0.182	0.202		10.99	50
Bromodichloromethane	0.502	0.528		5.18	50
4-Methyl-2-Pentanone	0.187	0.249		33.15	50
Toluene	0.935	0.953		1.92	50
t-1,3-Dichloropropene	0.431	0.465		7.89	50
cis-1,3-Dichloropropene	0.519	0.536		3.28	50
1,1,2-Trichloroethane	0.239	0.272		13.81	50
1,3-Dichloropropane	0.412	0.471		14.32	50
2-Hexanone	0.123	0.163		32.52	50
Dibromochloromethane	0.312	0.352		12.82	50
1,2-Dibromoethane	0.217	0.253		16.59	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	0.488		-4.5	50
Chlorobenzene	1.180	1.137	0.3	-3.64	50
1,1,1,2-Tetrachloroethane	0.402	0.396		-1.49	50
Ethyl Benzene	2.091	2.011		-3.83	50
m/p-Xylenes	0.802	0.770		-3.99	50
o-Xylene	0.744	0.725		-2.55	50
Styrene	1.219	1.247		2.3	50
Bromoform	0.204	0.223	0.1	9.31	50
Isopropylbenzene	4.239	3.692		-12.9	50
1,1,2,2-Tetrachloroethane	0.613	0.642	0.3	4.73	50
1,2,3-Trichloropropane	0.623	0.602		-3.37	50
Bromobenzene	0.919	0.852		-7.29	50
n-propylbenzene	5.048	4.398		-12.88	50
2-Chlorotoluene	2.839	2.531		-10.85	50
1,3,5-Trimethylbenzene	3.343	2.992		-10.5	50
4-Chlorotoluene	2.864	2.624		-8.38	50
tert-Butylbenzene	3.020	2.640		-12.58	50
1,2,4-Trimethylbenzene	3.291	3.002		-8.78	50
sec-Butylbenzene	4.526	3.873		-14.43	50
p-Isopropyltoluene	3.676	3.177		-13.57	50
1,3-Dichlorobenzene	1.855	1.691		-8.84	50
1,4-Dichlorobenzene	1.795	1.636		-8.86	50
n-Butylbenzene	3.392	2.844		-16.16	50
1,2-Dichlorobenzene	1.565	1.494		-4.54	50
1,2-Dibromo-3-Chloropropane	0.091	0.107		17.58	50
1,2,4-Trichlorobenzene	0.825	0.762		-7.64	50
Hexachlorobutadiene	0.520	0.384		-26.15	50
1,2,3-Trichlorobenzene	0.681	0.669		-1.76	50
1,2-Dichloroethane-d4	0.506	0.604		19.37	50
Dibromofluoromethane	0.317	0.334		5.36	50
Toluene-d8	1.258	1.289		2.46	50
4-Bromofluorobenzene	0.396	0.418		5.56	50
trans-1,4-Dichloro-2-butene	0.209	0.209		0	50

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