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.: Q2639
Instrument ID: MSVOA_Y
Calibration Date/Time: 07/21/2025 10:08
Lab File ID: VY023015.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	0.351		-17.41	20
Chloromethane	0.722	0.755	0.1	4.57	20
Vinyl Chloride	0.915	0.869		-5.03	20
Bromomethane	0.660	0.651		-1.36	20
Chloroethane	0.611	0.596		-2.45	20
Tetrahydrofuran	0.083	0.092		10.84	20
Trichlorofluoromethane	1.062	1.013		-4.61	20
1,1,2-Trichlorotrifluoroethane	0.558	0.492		-11.83	20
1,1-Dichloroethene	0.531	0.469		-11.68	20
Acrylonitrile	0.105	0.113		7.62	20
Acetone	0.092	0.106		15.22	20
Carbon Disulfide	1.610	1.413		-12.24	20
Methyl tert-butyl Ether	1.274	1.265		-0.71	20
Methylene Chloride	0.871	0.586		-32.72	20
trans-1,2-Dichloroethene	0.591	0.535		-9.48	20
1,1-Dichloroethane	1.079	0.992	0.1	-8.06	20
2-Butanone	0.132	0.151		14.39	20
Carbon Tetrachloride	0.543	0.493		-9.21	20
2,2-Dichloropropane	0.945	0.880		-6.88	20
cis-1,2-Dichloroethene	0.682	0.624		-8.5	20
Chloroform	1.088	0.998		-8.27	20
1,1,1-Trichloroethane	0.987	0.890		-9.83	20
1,1-Dichloropropene	0.500	0.459		-8.2	20
Benzene	1.504	1.399		-6.98	20
1,2-Dichloroethane	0.374	0.375		0.27	20
Trichloroethene	0.386	0.359		-6.99	20
1,2-Dichloropropane	0.351	0.331		-5.7	20
Dibromomethane	0.182	0.181		-0.55	20
Bromodichloromethane	0.502	0.480		-4.38	20
4-Methyl-2-Pentanone	0.187	0.216		15.51	20
Toluene	0.935	0.884		-5.45	20
t-1,3-Dichloropropene	0.431	0.440		2.09	20
cis-1,3-Dichloropropene	0.519	0.504		-2.89	20
1,1,2-Trichloroethane	0.239	0.238		-0.42	20
1,3-Dichloropropane	0.412	0.416		0.97	20
2-Hexanone	0.123	0.147		19.51	20
Dibromochloromethane	0.312	0.312		0	20
1,2-Dibromoethane	0.217	0.223		2.77	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
Tetrachloroethene	0.511	0.480		-6.07	20
Chlorobenzene	1.180	1.093	0.3	-7.37	20
1,1,1,2-Tetrachloroethane	0.402	0.364		-9.45	20
Ethyl Benzene	2.091	1.947		-6.89	20
m/p-Xylenes	0.802	0.748		-6.73	20
o-Xylene	0.744	0.704		-5.38	20
Styrene	1.219	1.166		-4.35	20
Bromoform	0.204	0.207	0.1	1.47	20
Isopropylbenzene	4.239	3.753		-11.47	20
1,1,2,2-Tetrachloroethane	0.613	0.586	0.3	-4.41	20
1,2,3-Trichloropropane	0.623	0.561		-9.95	20
Bromobenzene	0.919	0.833		-9.36	20
n-propylbenzene	5.048	4.614		-8.6	20
2-Chlorotoluene	2.839	2.548		-10.25	20
1,3,5-Trimethylbenzene	3.343	3.049		-8.79	20
4-Chlorotoluene	2.864	2.656		-7.26	20
tert-Butylbenzene	3.020	2.737		-9.37	20
1,2,4-Trimethylbenzene	3.291	3.052		-7.26	20
sec-Butylbenzene	4.526	4.135		-8.64	20
p-Isopropyltoluene	3.676	3.403		-7.43	20
1,3-Dichlorobenzene	1.855	1.689		-8.95	20
1,4-Dichlorobenzene	1.795	1.630		-9.19	20
n-Butylbenzene	3.392	3.201		-5.63	20
1,2-Dichlorobenzene	1.565	1.458		-6.84	20
1,2-Dibromo-3-Chloropropane	0.091	0.100		9.89	20
1,2,4-Trichlorobenzene	0.825	0.820		-0.61	20
Hexachlorobutadiene	0.520	0.473		-9.04	20
1,2,3-Trichlorobenzene	0.681	0.699		2.64	20
1,2-Dichloroethane-d4	0.506	0.497		-1.78	20
Dibromofluoromethane	0.317	0.294		-7.26	20
Toluene-d8	1.258	1.168		-7.15	20
4-Bromofluorobenzene	0.396	0.374		-5.56	20
trans-1,4-Dichloro-2-butene	0.209	0.209		0	20

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