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.: Q2879
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/20/2025 17:41
Lab File ID: VY023181.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.326		-20.1	50
Chloromethane	0.661	0.605	0.1	-8.47	50
Vinyl Chloride	0.817	0.783		-4.16	50
Bromomethane	0.610	0.612		0.33	50
Chloroethane	0.543	0.549		1.11	50
Tetrahydrofuran	0.087	0.083		-4.6	50
Trichlorofluoromethane	0.994	0.912		-8.25	50
1,1,2-Trichlorotrifluoroethane	0.490	0.458		-6.53	50
1,1-Dichloroethene	0.482	0.449		-6.85	50
Acrylonitrile	0.107	0.104		-2.8	50
Acetone	0.103	0.082		-20.39	50
Carbon Disulfide	1.571	1.408		-10.38	50
Methyl tert-butyl Ether	1.249	1.182		-5.36	50
Methylene Chloride	0.620	0.517		-16.61	50
trans-1,2-Dichloroethene	0.541	0.518		-4.25	50
1,1-Dichloroethane	0.942	0.901	0.1	-4.35	50
2-Butanone	0.140	0.126		-10	50
Carbon Tetrachloride	0.483	0.466		-3.52	50
2,2-Dichloropropane	0.813	0.721		-11.32	50
cis-1,2-Dichloroethene	0.626	0.607		-3.04	50
Chloroform	0.971	0.960		-1.13	50
1,1,1-Trichloroethane	0.862	0.837		-2.9	50
1,1-Dichloropropene	0.445	0.424		-4.72	50
Benzene	1.370	1.355		-1.1	50
1,2-Dichloroethane	0.356	0.348		-2.25	50
Trichloroethene	0.354	0.357		0.85	50
1,2-Dichloropropane	0.315	0.313		-0.63	50
Dibromomethane	0.181	0.185		2.21	50
Bromodichloromethane	0.466	0.470		0.86	50
4-Methyl-2-Pentanone	0.195	0.194		-0.51	50
Toluene	0.870	0.868		-0.23	50
t-1,3-Dichloropropene	0.422	0.407		-3.56	50
cis-1,3-Dichloropropene	0.499	0.488		-2.2	50
1,1,2-Trichloroethane	0.242	0.246		1.65	50
1,3-Dichloropropane	0.411	0.411		0	50
2-Hexanone	0.133	0.128		-3.76	50
Dibromochloromethane	0.320	0.326		1.88	50
1,2-Dibromoethane	0.228	0.230		0.88	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	0.446	0.480		7.62	50
Chlorobenzene	1.079	1.059	0.3	-1.85	50
1,1,1,2-Tetrachloroethane	0.366	0.366		0	50
Ethyl Benzene	1.856	1.818		-2.05	50
m/p-Xylenes	0.725	0.723		-0.28	50
o-Xylene	0.679	0.679		0	50
Styrene	1.110	1.159		4.41	50
Bromoform	0.214	0.217	0.1	1.4	50
Isopropylbenzene	3.529	3.374		-4.39	50
1,1,2,2-Tetrachloroethane	0.603	0.544	0.3	-9.78	50
1,2,3-Trichloropropane	0.483	0.474		-1.86	50
Bromobenzene	0.842	0.810		-3.8	50
n-propylbenzene	4.201	4.050		-3.59	50
2-Chlorotoluene	2.407	2.298		-4.53	50
1,3,5-Trimethylbenzene	2.852	2.738		-4	50
4-Chlorotoluene	2.497	2.377		-4.81	50
tert-Butylbenzene	2.576	2.478		-3.8	50
1,2,4-Trimethylbenzene	2.839	2.760		-2.78	50
sec-Butylbenzene	3.784	3.644		-3.7	50
p-Isopropyltoluene	3.141	3.066		-2.39	50
1,3-Dichlorobenzene	1.660	1.616		-2.65	50
1,4-Dichlorobenzene	1.647	1.580		-4.07	50
n-Butylbenzene	2.885	2.761		-4.3	50
1,2-Dichlorobenzene	1.456	1.416		-2.75	50
1,2-Dibromo-3-Chloropropane	0.094	0.087		-7.45	50
1,2,4-Trichlorobenzene	0.861	0.771		-10.45	50
Hexachlorobutadiene	0.506	0.457		-9.68	50
1,2,3-Trichlorobenzene	0.742	0.678		-8.63	50
1,2-Dichloroethane-d4	0.477	0.467		-2.1	50
Dibromofluoromethane	0.299	0.302		1	50
Toluene-d8	1.169	1.180		0.94	50
4-Bromofluorobenzene	0.376	0.374		-0.53	50
trans-1,4-Dichloro-2-butene	0.199	0.176		-11.56	50

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