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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3413
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/24/2025 19:06
Lab File ID: VY023583.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.285		-20.83	50
Chloromethane	0.490	0.394	0.1	-19.59	50
Vinyl Chloride	0.639	0.539		-15.65	50
Bromomethane	0.536	0.462		-13.81	50
Chloroethane	0.435	0.394		-9.43	50
Trichlorofluoromethane	0.887	0.797		-10.15	50
1,1,2-Trichlorotrifluoroethane	0.460	0.447		-2.83	50
1,1-Dichloroethene	0.446	0.430		-3.59	50
Acetone	0.100	0.074		-26	50
Carbon Disulfide	1.277	1.114		-12.76	50
Methyl tert-butyl Ether	1.072	1.114		3.92	50
Methyl Acetate	0.261	0.325		24.52	50
Methylene Chloride	0.538	0.509		-5.39	50
trans-1,2-Dichloroethene	0.491	0.500		1.83	50
1,1-Dichloroethane	0.796	0.793	0.1	-0.38	50
Cyclohexane	0.696	0.608		-12.64	50
2-Butanone	0.122	0.106		-13.11	50
Carbon Tetrachloride	0.493	0.504		2.23	50
cis-1,2-Dichloroethene	0.567	0.605		6.7	50
Bromochloromethane	0.297	0.261		-12.12	50
Chloroform	0.875	0.915		4.57	50
1,1,1-Trichloroethane	0.795	0.815		2.52	50
Methylcyclohexane	0.530	0.521		-1.7	50
Benzene	1.288	1.333		3.49	50
1,2-Dichloroethane	0.332	0.332		0	50
Trichloroethene	0.377	0.395		4.78	50
1,2-Dichloropropane	0.285	0.298		4.56	50
Bromodichloromethane	0.453	0.482		6.4	50
4-Methyl-2-Pentanone	0.166	0.170		2.41	50
Toluene	0.836	0.897		7.3	50
t-1,3-Dichloropropene	0.394	0.409		3.81	50
cis-1,3-Dichloropropene	0.465	0.485		4.3	50
1,1,2-Trichloroethane	0.242	0.264		9.09	50
2-Hexanone	0.119	0.115		-3.36	50
Dibromochloromethane	0.339	0.375		10.62	50
1,2-Dibromoethane	0.231	0.251		8.66	50
Tetrachloroethene	0.516	0.567		9.88	50
Chlorobenzene	1.087	1.141	0.3	4.97	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
Ethyl Benzene	1.760	1.865		5.97	50
m/p-Xylenes	0.706	0.753		6.66	50
o-Xylene	0.662	0.715		8.01	50
Styrene	1.089	1.196		9.83	50
Bromoform	0.240	0.256	0.1	6.67	50
Isopropylbenzene	3.295	3.440		4.4	50
1,1,2,2-Tetrachloroethane	0.539	0.541	0.3	0.37	50
1,3-Dichlorobenzene	1.706	1.741		2.05	50
1,4-Dichlorobenzene	1.685	1.692		0.41	50
1,2-Dichlorobenzene	1.496	1.536		2.67	50
1,2-Dibromo-3-Chloropropane	0.088	0.082		-6.82	50
1,2,4-Trichlorobenzene	0.932	0.908		-2.58	50
1,2,3-Trichlorobenzene	0.808	0.780		-3.46	50
1,2-Dichloroethane-d4	0.418	0.388		-7.18	50
Dibromofluoromethane	0.307	0.308		0.33	50
Toluene-d8	1.144	1.127		-1.49	50
4-Bromofluorobenzene	0.378	0.380		0.53	50

All other compounds must meet a minimum RRF of 0.010.
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