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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883

Instrument ID: MSVOA_Y Calibration Date/Time: 05/05/2025 18:37

Lab File ID: VY022168.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.426	0.344		-19.25	50
Chloromethane	0.607	0.591	0.1	-2.64	50
Vinyl Chloride	0.745	0.732		-1.75	50
Bromomethane	0.642	0.583		-9.19	50
Chloroethane	0.508	0.498		-1.97	50
Tetrahydrofuran	0.068	0.074		8.82	50
Trichlorofluoromethane	0.983	0.878		-10.68	50
1,1,2-Trichlorotrifluoroethane	0.533	0.479		-10.13	50
1,1-Dichloroethene	0.497	0.448		-9.86	50
Acrylonitrile	0.094	0.094		0	50
Acetone	0.070	0.064		-8.57	50
Carbon Disulfide	1.585	1.387		-12.49	50
Methyl tert-butyl Ether	1.113	1.107		-0.54	50
Methylene Chloride	0.584	0.541		-7.36	50
trans-1,2-Dichloroethene	0.557	0.521		-6.46	50
1,1-Dichloroethane	0.893	0.879	0.1	-1.57	50
2-Butanone	0.105	0.108		2.86	50
Carbon Tetrachloride	0.530	0.497		-6.23	50
2,2-Dichloropropane	0.782	0.722		-7.67	50
cis-1,2-Dichloroethene	0.622	0.604		-2.89	50
Chloroform	0.990	0.979		-1.11	50
1,1,1-Trichloroethane	0.896	0.847		-5.47	50
1,1-Dichloropropene	0.444	0.423		-4.73	50
Benzene	1.387	1.348		-2.81	50
1,2-Dichloroethane	0.343	0.346		0.88	50
Trichloroethene	0.384	0.351		-8.59	50
1,2-Dichloropropane	0.307	0.310		0.98	50
Dibromomethane	0.192	0.191		-0.52	50
Bromodichloromethane	0.480	0.470		-2.08	50
4-Methyl-2-Pentanone	0.160	0.178		11.25	50
Toluene	0.898	0.901		0.33	50
t-1,3-Dichloropropene	0.411	0.406		-1.22	50
cis-1,3-Dichloropropene	0.489	0.481		-1.64	50
1,1,2-Trichloroethane	0.256	0.257		0.39	50
1,3-Dichloropropane	0.411	0.421		2.43	50
2-Hexanone	0.106	0.117		10.38	50
Dibromochloromethane	0.355	0.355		0	50
1,2-Dibromoethane	0.242	0.246		1.65	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	0.472	0.410		-13.14	50
Chlorobenzene	1.118	1.051	0.3	-5.99	50
1,1,1,2-Tetrachloroethane	0.394	0.374		-5.08	50
Ethyl Benzene	1.829	1.809		-1.09	50
m/p-Xylenes	0.728	0.714		-1.92	50
o-Xylene	0.671	0.658		-1.94	50
Styrene	1.126	1.145		1.69	50
Bromoform	0.229	0.222	0.1	-3.06	50
Isopropylbenzene	3.341	3.157		-5.51	50
1,1,2,2-Tetrachloroethane	0.563	0.546	0.3	-3.02	50
1,2,3-Trichloropropane	0.428	0.398		-7.01	50
Bromobenzene	0.844	0.785		-6.99	50
n-propylbenzene	3.978	3.765		-5.35	50
2-Chlorotoluene	2.314	2.181		-5.75	50
1,3,5-Trimethylbenzene	2.752	2.642		-4	50
4-Chlorotoluene	2.405	2.300		-4.37	50
tert-Butylbenzene	2.469	2.353		-4.7	50
1,2,4-Trimethylbenzene	2.753	2.633		-4.36	50
sec-Butylbenzene	3.612	3.454		-4.37	50
p-Isopropyltoluene	3.067	2.912		-5.05	50
1,3-Dichlorobenzene	1.714	1.559		-9.04	50
1,4-Dichlorobenzene	1.698	1.536		-9.54	50
n-Butylbenzene	2.742	2.583		-5.8	50
1,2-Dichlorobenzene	1.495	1.400		-6.36	50
1,2-Dibromo-3-Chloropropane	0.090	0.087		-3.33	50
1,2,4-Trichlorobenzene	0.847	0.761		-10.15	50
Hexachlorobutadiene	0.521	0.448		-14.01	50
1,2,3-Trichlorobenzene	0.731	0.663		-9.3	50
1,2-Dichloroethane-d4	0.462	0.482		4.33	50
Dibromofluoromethane	0.330	0.334		1.21	50
Toluene-d8	1.245	1.291		3.69	50
4-Bromofluorobenzene	0.419	0.447		6.68	50
trans-1,4-Dichloro-2-butene	0.178	0.164		-7.86	50

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