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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P5369 SAS No.: P5369 SDG No.: P5369

Instrument ID: MSVOA_N Calibration Date/Time: 12/30/2024 12:27

Lab File ID: VN085339.D Init. Calib. Date(s): 12/27/2024 12/27/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:26 12:48

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.676	0.629		-6.95	20
Chloromethane	0.760	0.646	0.1	-15	20
Vinyl Chloride	0.804	0.641		-20.27	20
Ethyl Acetate	0.454	0.541		19.16	20
Bromomethane	0.526	0.439		-16.54	20
Chloroethane	0.510	0.436		-14.51	20
Trichlorofluoromethane	1.057	0.918		-13.15	20
1,1,2-Trichlorotrifluoroethane	0.601	0.536		-10.81	20
Tert butyl alcohol	0.089	0.117		31.46	20
1,1-Dichloroethene	0.556	0.508		-8.63	20
Acrolein	0.139	0.139		0	20
Acrylonitrile	0.281	0.346		23.13	20
Acetone	0.235	0.282		20	20
Carbon Disulfide	1.690	1.413		-16.39	20
Methyl tert-butyl Ether	1.806	1.940		7.42	20
Methyl Acetate	0.718	0.880		22.56	20
Methylene Chloride	0.631	0.629		-0.32	20
trans-1,2-Dichloroethene	0.580	0.552		-4.83	20
Vinyl Acetate	1.386	1.602		15.58	20
1,1-Dichloroethane	1.154	1.144	0.1	-0.87	20
Cyclohexane	1.054	0.855		-18.88	20
2-Butanone	0.364	0.461		26.65	20
Carbon Tetrachloride	0.498	0.469		-5.82	20
2,2-Dichloropropane	1.011	0.952		-5.84	20
cis-1,2-Dichloroethene	0.681	0.688		1.03	20
Bromochloromethane	0.536	0.562		4.85	20
Chloroform	1.181	1.150		-2.63	20
1,1,1-Trichloroethane	1.055	0.950		-9.95	20
Methylcyclohexane	0.474	0.443		-6.54	20
1,1-Dichloropropene	0.457	0.421		-7.88	20
Benzene	1.381	1.389		0.58	20
1,2-Dichloroethane	0.495	0.515		4.04	20
Trichloroethene	0.327	0.311		-4.89	20
1,2-Dichloropropane	0.351	0.360		2.56	20
Dibromomethane	0.244	0.259		6.15	20
Bromodichloromethane	0.507	0.534		5.32	20
4-Methyl-2-Pentanone	0.420	0.548		30.48	20
Toluene	0.822	0.845		2.8	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P5369 SAS No.: P5369 SDG No.: P5369

Instrument ID: MSVOA_N Calibration Date/Time: 12/30/2024 12:27

Lab File ID: VN085339.D Init. Calib. Date(s): 12/27/2024 12/27/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:26 12:48

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.498	0.547		9.84	20
cis-1,3-Dichloropropene	0.539	0.585		8.53	20
1,1,2-Trichloroethane	0.310	0.332		7.1	20
1,3-Dichloropropane	0.545	0.598		9.73	20
2-Chloroethyl Vinyl ether	0.219	0.271		23.74	20
2-Hexanone	0.291	0.403		38.49	20
Dibromochloromethane	0.350	0.396		13.14	20
1,2-Dibromoethane	0.307	0.340		10.75	20
Tetrachloroethene	0.317	0.284		-10.41	20
Chlorobenzene	1.080	1.027	0.3	-4.91	20
1,1,1,2-Tetrachloroethane	0.363	0.368		1.38	20
Hexachloroethane	0.573	0.558		-2.62	20
Ethyl Benzene	1.797	1.763		-1.89	20
m/p-Xylenes	0.658	0.677		2.89	20
o-Xylene	0.636	0.650		2.2	20
Styrene	1.031	1.125		9.12	20
Bromoform	0.251	0.292	0.1	16.33	20
Isopropylbenzene	3.596	3.289		-8.54	20
1,1,2,2-Tetrachloroethane	1.145	1.194	0.3	4.28	20
1,2,3-Trichloropropane	0.934	0.993		6.32	20
Bromobenzene	0.891	0.837		-6.06	20
n-propylbenzene	4.191	4.039		-3.63	20
2-Chlorotoluene	2.638	2.530		-4.09	20
1,3,5-Trimethylbenzene	2.908	2.842		-2.27	20
4-Chlorotoluene	2.657	2.531		-4.74	20
tert-Butylbenzene	2.519	2.392		-5.04	20
1,2,4-Trimethylbenzene	2.896	2.849		-1.62	20
sec-Butylbenzene	3.497	3.285		-6.06	20
p-Isopropyltoluene	2.816	2.765		-1.81	20
1,3-Dichlorobenzene	1.615	1.535		-4.95	20
1,4-Dichlorobenzene	1.659	1.565		-5.67	20
n-Butylbenzene	2.561	2.387		-6.79	20
1,2-Dichlorobenzene	1.538	1.517		-1.37	20
1,2-Dibromo-3-Chloropropane	0.204	0.231		13.23	20
1,2,4-Trichlorobenzene	0.768	0.753		-1.95	20
Hexachlorobutadiene	0.381	0.318		-16.53	20
Naphthalene	2.603	2.596		-0.27	20
1,2,3-Trichlorobenzene	0.767	0.756		-1.43	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P5369 SAS No.: P5369 SDG No.: P5369

Instrument ID: MSVOA_N Calibration Date/Time: 12/30/2024 12:27

Lab File ID: VN085339.D Init. Calib. Date(s): 12/27/2024 12/27/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:26 12:48

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.713	0.700		-1.82	20
Dibromofluoromethane	0.312	0.302		-3.2	20
Toluene-d8	1.145	1.083		-5.41	20
4-Bromofluorobenzene	0.380	0.380		0	20

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