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.: P4562 SAS No.: P4562 SDG No.: P4562

Instrument ID: MSVOA_X Calibration Date/Time: 10/29/2024 09:29

Lab File ID: VX043583.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.535	0.520		-2.8	20
Chloromethane	0.684	0.597	0.1	-12.72	20
Vinyl Chloride	0.634	0.614		-3.31	20
Ethyl Acetate	0.488	0.435		-10.86	20
Bromomethane	0.259	0.236		-8.88	20
Chloroethane	0.223	0.209		-6.28	20
Trichlorofluoromethane	0.775	0.759		-2.07	20
1,1,2-Trichlorotrifluoroethane	0.524	0.542		3.43	20
Tert butyl alcohol	0.149	0.133		-10.74	20
1,1-Dichloroethene	0.536	0.536		0	20
Acrolein	0.116	0.101		-12.93	20
Acrylonitrile	0.336	0.284		-15.48	20
Acetone	0.317	0.297		-6.31	20
Carbon Disulfide	1.120	1.146		2.32	20
Methyl tert-butyl Ether	2.037	1.814		-10.95	20
Methyl Acetate	0.925	0.736		-20.43	20
Methylene Chloride	0.682	0.601		-11.88	20
trans-1,2-Dichloroethene	0.566	0.555		-1.94	20
Vinyl Acetate	1.582	1.472		-6.95	20
1,1-Dichloroethane	1.101	1.028	0.1	-6.63	20
Cyclohexane	0.842	0.867		2.97	20
2-Butanone	0.462	0.403		-12.77	20
Carbon Tetrachloride	0.444	0.466		4.95	20
2,2-Dichloropropane	0.901	0.922		2.33	20
cis-1,2-Dichloroethene	0.723	0.687		-4.98	20
Bromochloromethane	0.524	0.462		-11.83	20
Chloroform	1.154	1.065		-7.71	20
1,1,1-Trichloroethane	0.969	0.948		-2.17	20
Methylcyclohexane	0.499	0.574		15.03	20
1,1-Dichloropropene	0.402	0.418		3.98	20
Benzene	1.341	1.333		-0.6	20
1,2-Dichloroethane	0.482	0.452		-6.22	20
Trichloroethene	0.333	0.351		5.41	20
1,2-Dichloropropane	0.330	0.327		-0.91	20
Dibromomethane	0.254	0.245		-3.54	20
Bromodichloromethane	0.446	0.461		3.36	20
4-Methyl-2-Pentanone	0.492	0.451		-8.33	20
Toluene	0.813	0.854		5.04	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.: P4562 SAS No.: P4562 SDG No.: P4562

Instrument ID: MSVOA_X Calibration Date/Time: 10/29/2024 09:29

Lab File ID: VX043583.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.479	0.490		2.3	20
cis-1,3-Dichloropropene	0.510	0.537		5.29	20
1,1,2-Trichloroethane	0.339	0.329		-2.95	20
1,3-Dichloropropane	0.563	0.556		-1.24	20
2-Chloroethyl Vinyl ether	0.266	0.233		-12.41	20
2-Hexanone	0.374	0.352		-5.88	20
Dibromochloromethane	0.335	0.358		6.87	20
1,2-Dibromoethane	0.351	0.346		-1.42	20
Tetrachloroethene	0.314	0.333		6.05	20
Chlorobenzene	1.076	1.092	0.3	1.49	20
1,1,1,2-Tetrachloroethane	0.351	0.374		6.55	20
Hexachloroethane	0.486	0.553		13.79	20
Ethyl Benzene	1.754	1.860		6.04	20
m/p-Xylenes	0.671	0.725		8.05	20
o-Xylene	0.674	0.708		5.05	20
Styrene	1.120	1.213		8.3	20
Bromoform	0.253	0.265	0.1	4.74	20
Isopropylbenzene	3.542	3.725		5.17	20
1,1,2,2-Tetrachloroethane	1.274	1.176	0.3	-7.69	20
1,2,3-Trichloropropane	1.069	0.968		-9.45	20
Bromobenzene	0.915	0.927		1.31	20
n-propylbenzene	3.862	4.198		8.7	20
2-Chlorotoluene	2.561	2.574		0.51	20
1,3,5-Trimethylbenzene	2.953	3.138		6.26	20
4-Chlorotoluene	2.874	2.937		2.19	20
tert-Butylbenzene	3.003	3.205		6.73	20
1,2,4-Trimethylbenzene	3.010	3.213		6.74	20
sec-Butylbenzene	3.520	3.885		10.37	20
p-Isopropyltoluene	2.992	3.320		10.96	20
1,3-Dichlorobenzene	1.639	1.707		4.15	20
1,4-Dichlorobenzene	1.699	1.695		-0.23	20
n-Butylbenzene	2.438	2.848		16.82	20
1,2-Dichlorobenzene	1.676	1.698		1.31	20
1,2-Dibromo-3-Chloropropane	0.260	0.235		-9.61	20
1,2,4-Trichlorobenzene	1.017	1.094		7.57	20
Hexachlorobutadiene	0.375	0.432		15.2	20
Naphthalene	3.893	3.908		0.38	20
1,2,3-Trichlorobenzene	1.073	1.122		4.57	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.: P4562 SAS No.: P4562 SDG No.: P4562

Instrument ID: MSVOA_X Calibration Date/Time: 10/29/2024 09:29

Lab File ID: VX043583.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.797	0.708		-11.17	20
Dibromofluoromethane	0.339	0.345		1.77	20
Toluene-d8	1.174	1.260		7.32	20
4-Bromofluorobenzene	0.435	0.471		8.28	20

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