284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENVI46

Lab Code: CHEM Case No.: Q1532 SAS No.: Q1532 SDG No.: Q1532

Instrument ID: MSVOA_L Calibration Date/Time: 03/10/2025 09:08

Lab File ID: VL042115.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:56 12:07

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.040	1.070		2.88	30
Chloromethane	0.385	0.403		4.68	30
Vinyl Chloride	0.364	0.383		5.22	30
Bromomethane	0.173	0.189		9.25	30
Chloroethane	0.148	0.155		4.73	30
Tetrahydrofuran	0.460	0.409		-11.09	30
Trichlorofluoromethane	1.042	1.130		8.44	30
1,1,2-Trichlorotrifluoroethane	0.831	0.819		-1.44	30
Dichlorotetrafluoroethane	0.855	0.904		5.73	30
tert-Butyl alcohol	1.105	0.968		-12.4	30
Heptane	1.844	1.519		-17.63	30
1,1-Dichloroethene	0.376	0.364		-3.19	30
Acetone	0.883	0.868		-1.7	30
Carbon Disulfide	0.969	0.976		0.72	30
Methyl tert-Butyl Ether	0.711	0.754		6.05	30
Methylene Chloride	0.334	0.333		-0.3	30
trans-1,2-Dichloroethene	0.438	0.436		-0.46	30
1,1-Dichloroethane	0.815	0.843		3.44	30
Cyclohexane	1.160	0.936		-19.31	30
2-Butanone	0.779	0.714		-8.34	30
Carbon Tetrachloride	0.690	0.671		-2.75	30
cis-1,2-Dichloroethene	1.353	1.052		-22.25	30
Chloroform	1.923	1.687		-12.27	30
1,1,1-Trichloroethane	1.866	1.485		-20.42	30
2,2,4-Trimethylpentane	1.848	1.713		-7.3	30
Benzene	1.047	0.951		-9.17	30
1,2-Dichloroethane	0.580	0.503		-13.28	30
Trichloroethene	0.427	0.360		-15.69	30
1,2-Dichloropropane	0.397	0.366		-7.81	30
Bromodichloromethane	0.782	0.718		-8.18	30
4-Methyl-2-Pentanone	1.008	0.978		-2.98	30
Toluene	1.170	0.989		-15.47	30
t-1,3-Dichloropropene	0.406	0.307		-24.38	30
cis-1,3-Dichloropropene	0.526	0.430		-18.25	30
1,1,2-Trichloroethane	0.403	0.369		-8.44	30
Dibromochloromethane	0.632	0.569		-9.97	30
1,2-Dibromoethane	0.545	0.483		-11.38	30
Tetrachloroethene	0.358	0.306		-14.52	30

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	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	1.037	0.962		-7.23	30
Ethyl Benzene	1.842	1.602		-13.03	30
m/p-Xylene	1.466	1.356		-7.5	30
o-Xylene	1.473	1.360		-7.67	30
Styrene	0.693	0.595		-14.14	30
Bromoform	0.549	0.516		-6.01	30
1,1,2,2-Tetrachloroethane	0.970	0.955		-1.55	30
2-Chlorotoluene	1.701	1.503		-11.64	30
1,3,5-Trimethylbenzene	1.560	1.401		-10.19	30
1,2,4-Trimethylbenzene	1.757	1.604		-8.71	30
1,3-Dichlorobenzene	1.011	0.949		-6.13	30
1,4-Dichlorobenzene	1.004	0.938		-6.57	30
1,2-Dichlorobenzene	0.981	0.940		-4.18	30
1,2,4-Trichlorobenzene	0.671	0.625		-6.86	30
Hexachloro-1,3-Butadiene	0.764	0.645		-15.58	30
1,3-Butadiene	0.411	0.422		2.68	30
Naphthalene	1.205	1.371		13.78	30
4-Ethyltoluene	1.799	1.651		-8.23	30
1-Bromo-4-Fluorobenzene	0.769	0.815		5.98	30
Hexane	1.429	1.213		-15.11	30
Allyl Chloride	0.638	0.625		-2.04	30
1,4-Dioxane	181.383	168.887		-6.89	30
Methyl Methacrylate	0.409	0.336		-17.85	30

All other compounds must meet a minimum RRF of 0.010.
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