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

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5164 SAS No.: P5164 SDG No.: P5164

Instrument ID: MSVOA_X Calibration Date/Time: 12/10/2024 18:44

Lab File ID: VX044217.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.496		-21.64	50
Chloromethane	0.667	0.566	0.1	-15.14	50
Vinyl Chloride	0.709	0.616		-13.12	50
Bromomethane	0.436	0.441		1.15	50
Chloroethane	0.432	0.416		-3.7	50
Trichlorofluoromethane	1.268	1.286		1.42	50
1,1,2-Trichlorotrifluoroethane	0.605	0.555		-8.26	50
1,1-Dichloroethene	0.576	0.521		-9.55	50
Acetone	0.394	0.357		-9.39	50
Carbon Disulfide	1.188	0.842		-29.13	50
Methyl tert-butyl Ether	2.092	2.267		8.36	50
Methyl Acetate	0.917	0.993		8.29	50
Methylene Chloride	0.668	0.651		-2.55	50
trans-1,2-Dichloroethene	0.595	0.559		-6.05	50
1,1-Dichloroethane	1.161	1.194	0.1	2.84	50
Cyclohexane	0.956	0.852		-10.88	50
2-Butanone	0.508	0.539		6.1	50
Carbon Tetrachloride	0.500	0.466		-6.8	50
cis-1,2-Dichloroethene	0.735	0.744		1.22	50
Bromochloromethane	0.511	0.464		-9.2	50
Chloroform	1.249	1.314		5.2	50
1,1,1-Trichloroethane	1.077	1.126		4.55	50
Methylcyclohexane	0.578	0.493		-14.71	50
Benzene	1.387	1.288		-7.14	50
1,2-Dichloroethane	0.557	0.549		-1.44	50
Trichloroethene	0.393	0.315		-19.85	50
1,2-Dichloropropane	0.340	0.336		-1.18	50
Bromodichloromethane	0.482	0.497		3.11	50
4-Methyl-2-Pentanone	0.537	0.594		10.61	50
Toluene	0.830	0.815		-1.81	50
t-1,3-Dichloropropene	0.491	0.497		1.22	50
cis-1,3-Dichloropropene	0.539	0.534		-0.93	50
1,1,2-Trichloroethane	0.343	0.350		2.04	50
2-Hexanone	0.403	0.444		10.17	50
Dibromochloromethane	0.344	0.358		4.07	50
1,2-Dibromoethane	0.346	0.362		4.62	50
Tetrachloroethene	0.330	0.309		-6.36	50
Chlorobenzene	1.098	1.073	0.3	-2.28	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	1.861	1.866		0.27	50
m/p-Xylenes	0.694	0.686		-1.15	50
o-Xylene	0.678	0.698		2.95	50
Styrene	1.121	1.176		4.91	50
Bromoform	0.240	0.254	0.1	5.83	50
Isopropylbenzene	3.843	3.780		-1.64	50
1,1,2,2-Tetrachloroethane	1.316	1.342	0.3	1.98	50
1,3-Dichlorobenzene	1.670	1.628		-2.52	50
1,4-Dichlorobenzene	1.702	1.600		-5.99	50
1,2-Dichlorobenzene	1.685	1.644		-2.43	50
1,2-Dibromo-3-Chloropropane	0.264	0.280		6.06	50
1,2,4-Trichlorobenzene	0.994	0.956		-3.82	50
1,2,3-Trichlorobenzene	1.006	0.973		-3.28	50
1,2-Dichloroethane-d4	0.858	0.913		6.41	50
Dibromofluoromethane	0.357	0.351		-1.68	50
Toluene-d8	1.232	1.161		-5.76	50
4-Bromofluorobenzene	0.419	0.428		2.15	50

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