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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: P5395 SAS No.: P5395 SDG No.: P5395

Instrument ID: MSVOA_L Calibration Date(s): 12/16/2024 12/16/2024

Heated Purge: (Y/N) N Calibration Time(s): 13:30 16:41

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

LAB FILE ID: RRF010 = VL041752.D RRF002 = VL041753.D RRF001 = VL041754.D
RRF0.5 = VL041755.D RRF0.1 = VL041756.D RRF.03 = VL041757.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{\text{RRF}}$	% RSD
Vinyl Chloride	0.625	0.689	0.695	0.682	0.673	0.909	0.701	13.6
Heptane	1.705	1.875	1.821	1.950			1.816	5.6
1,1-Dichloroethene	0.565	0.622	0.628	0.608			0.603	4.2
Cyclohexane	1.096	1.215	1.187	1.217			1.169	4.6
cis-1,2-Dichloroethene	1.331	1.460	1.519	1.430			1.419	5.4
1,1,1-Trichloroethane	2.028	2.101	2.186	2.158	2.113	2.218	2.128	3
2,2,4-Trimethylpentane	1.674	1.842	1.809	1.826			1.767	4.6
Benzene	0.975	1.059	1.080	1.079			1.034	5.2
Trichloroethene	0.388	0.428	0.437	0.408	0.469	0.551	0.439	12.9
Toluene	1.123	1.215	1.207	1.183			1.173	3.5
1,2-Dibromoethane	0.512	0.542	0.545	0.540	0.565		0.538	3.3
Tetrachloroethene	0.343	0.372	0.395	0.346	0.333	0.555	0.385	20.2
Ethyl Benzene	1.774	1.931	1.834	1.694			1.800	4.9
m/p-Xylene	1.417	1.522	1.467	1.423			1.448	3.3
o-Xylene	1.421	1.560	1.492	1.382			1.452	5
1,3,5-Trimethylbenzene	1.465	1.483	1.378	1.324			1.422	4.8
1,2,4-Trimethylbenzene	1.566	1.619	1.519	1.396			1.529	5.4
Naphthalene	1.258	1.154	1.046	0.928	0.754		1.065	18.6
1-Bromo-4-Fluorobenzene	0.848	0.844	0.819	0.834	0.829	0.827	0.833	1.2
Hexane	1.303	1.423	1.403	1.423			1.374	4.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.