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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: P5277 SAS No.: P5277 SDG No.: P5277

Instrument ID: MSVOA_Y Calibration Date(s): 12/17/2024 12/17/2024

Heated Purge: (Y/N) Y Calibration Time(s): 10:01 14:51

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

LAB FILE ID: RRF010 = VY020613.D RRF020 = VY020614.D RRF050 = VY020615.D
RRF100 = VY020616.D RRF150 = VY020617.D RRF005 = VY020619.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
cis-1,2-Dichloroethene	0.875	0.815	0.817	0.797	0.724	0.827	0.809	6.1
1,1,1-Trichloroethane	1.298	1.215	1.198	1.183	1.086	1.219	1.200	5.7
Benzene	2.055	1.900	1.859	1.847	1.713	1.927	1.883	5.9
Trichloroethene	0.501	0.462	0.458	0.453	0.422	0.481	0.463	5.8
Toluene	1.247	1.185	1.167	1.165	1.082	1.176	1.170	4.5
Ethyl Benzene	2.747	2.583	2.556	2.543	2.414	2.633	2.579	4.2
m/p-Xylenes	1.031	0.951	0.953	0.942	0.892	0.984	0.959	4.8
o-Xylene	0.956	0.892	0.898	0.887	0.842	0.894	0.895	4.1
Isopropylbenzene	4.636	4.451	4.356	4.284	4.051	4.401	4.363	4.4
1,2-Dichloroethane-d4	0.619	0.487	0.569	0.507	0.467	0.636	0.548	13
Dibromofluoromethane	0.385	0.328	0.360	0.325	0.313	0.404	0.352	10.4
Toluene-d8	1.314	1.127	1.271	1.143	1.100	1.445	1.233	10.9
4-Bromofluorobenzene	0.538	0.448	0.480	0.433	0.412	0.585	0.482	13.9

* 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.