

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P4843 SAS No.: P4843 SDG No.: P4843
 Instrument ID: MSVOA_N Calibration Date(s): 10/30/2024 10/30/2024
 Heated Purge: (Y/N) N Calibration Time(s): 11:46 13:45
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF100 = VN084570.D		RRF050 = VN084571.D		RRF020 = VN084572.D			
		RRF010 = VN084573.D		RRF005 = VN084574.D		RRF001 = VN084575.D			
COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	RRF	% RSD	
Methyl tert-butyl Ether	1.773	1.758	1.802	1.779	1.786	1.572	1.745	4.9	
Carbon Tetrachloride	0.530	0.514	0.532	0.548	0.537	0.488	0.525	4	
Chloroform	1.099	1.086	1.142	1.154	1.222	1.025	1.121	6	
1,1,1-Trichloroethane	1.000	0.991	1.046	1.073	1.032	0.980	1.021	3.5	
Benzene	1.494	1.448	1.509	1.507	1.546	1.540	1.507	2.4	
Toluene	0.923	0.899	0.919	0.902	0.891	0.757	0.882	7.1	
Tetrachloroethene	0.326	0.313	0.333	0.347	0.351	0.325	0.333	4.3	
Ethyl Benzene	1.957	1.891	1.928	1.880	1.849	1.697	1.867	4.9	
m/p-Xylenes	0.737	0.728	0.737	0.701	0.683	0.654	0.707	4.8	
o-Xylene	0.703	0.690	0.701	0.679	0.645	0.550	0.661	8.9	
1,2-Dichloroethane-d4	0.689	0.721	0.708	0.722	0.771		0.722	4.2	
Dibromofluoromethane	0.334	0.344	0.326	0.336	0.353		0.338	3.1	
Toluene-d8	1.267	1.303	1.216	1.231	1.217		1.247	3	
4-Bromofluorobenzene	0.481	0.493	0.450	0.451	0.454		0.466	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.