284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: MSVOA_N Calibration Date(s): 11/22/2024 11/22/2024

Heated Purge: (Y/N) N Calibration Time(s): 11:22 13:45

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

LAB FILE ID: RRF100 = VN085005.D RRF050 = VN085006.D RRF020 = VN085007.D
RRF010 = VN085008.D RRF005 = VN085009.D RRF001 = VN085010.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.597	0.575	0.579	0.569	0.608	0.608	0.589	2.9
1,1-Dichloroethene	0.547	0.524	0.534	0.506	0.543	0.531	0.531	2.8
2-Butanone	0.341	0.331	0.340	0.317	0.328	0.377	0.339	6
Carbon Tetrachloride	0.572	0.534	0.543	0.484	0.529	0.500	0.527	5.9
Chloroform	1.118	1.099	1.104	1.073	1.140	1.344	1.146	8.6
Benzene	1.528	1.424	1.443	1.358	1.452	1.462	1.445	3.8
1,2-Dichloroethane	0.514	0.481	0.497	0.452	0.529	0.492	0.494	5.4
Trichloroethene	0.352	0.327	0.338	0.320	0.347	0.330	0.336	3.6
Tetrachloroethene	0.350	0.328	0.340	0.322	0.374	0.307	0.337	7
Chlorobenzene	1.128	1.090	1.123	1.089	1.133	1.241	1.134	4.9
1,2-Dichloroethane-d4	0.738	0.705	0.658	0.735	0.725		0.712	4.6
Dibromofluoromethane	0.361	0.340	0.311	0.330	0.343		0.337	5.4
Toluene-d8	1.326	1.249	1.152	1.162	1.154		1.208	6.4
4-Bromofluorobenzene	0.476	0.467	0.425	0.438	0.454		0.452	4.6

* 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.