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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PSEG03

Lab Code: CHEM Case No.: P2687 SAS No.: P2687 SDG No.: P2687

Instrument ID: MSVOA_X Calibration Date(s): 05/29/2024 05/29/2024

Heated Purge: (Y/N) N Calibration Time(s): 09:34 11:29

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

LAB FILE ID: RRF001 = VX041662.D RRF005 = VX041663.D RRF020 = VX041664.D
RRF050 = VX041665.D RRF100 = VX041666.D RRF150 = VX041667.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.490	0.547	0.484	0.481	0.487	0.473	0.493	5.4
1,1-Dichloroethene	0.437	0.473	0.430	0.439	0.451	0.445	0.446	3.4
2-Butanone	0.339	0.404	0.391	0.388	0.390	0.376	0.381	5.9
Carbon Tetrachloride	0.434	0.469	0.470	0.482	0.500	0.498	0.476	5.1
Chloroform	0.818	0.953	0.896	0.890	0.898	0.883	0.890	4.9
Benzene	1.218	1.388	1.320	1.311	1.317	1.296	1.308	4.2
1,2-Dichloroethane	0.443	0.534	0.493	0.492	0.488	0.480	0.488	6
Trichloroethene	0.324	0.370	0.352	0.358	0.366	0.365	0.356	4.7
Tetrachloroethene	0.359	0.396	0.381	0.366	0.379	0.369	0.375	3.5
Chlorobenzene	1.040	1.133	1.068	1.058	1.084	1.056	1.073	3.1
1,2-Dichloroethane-d4		0.743	0.555	0.601	0.586	0.580	0.613	12.1
Dibromofluoromethane		0.397	0.316	0.339	0.340	0.337	0.346	8.7
Toluene-d8		1.310	1.121	1.215	1.202	1.191	1.208	5.6
4-Bromofluorobenzene		0.443	0.408	0.454	0.466	0.458	0.446	5

* 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.