

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>JAC005</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3828</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>12/04/2025</u> <u>12/04/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>08:47</u> <u>10:38</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF001 = VX048714.D		RRF005 = VX048715.D		RRF020 = VX048716.D			
		RRF050 = VX048717.D		RRF100 = VX048718.D		RRF150 = VX048719.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Vinyl Chloride	0.704	0.624	0.667	0.709	0.700	0.704	0.685	4.9	
1,1-Dichloroethene	0.607	0.533	0.560	0.601	0.584	0.598	0.581	4.9	
1,1-Dichloroethane	1.208	0.803	1.038	0.910	1.223	0.914	1.016	16.9	
cis-1,2-Dichloroethene	0.776	0.559	0.634	0.629	0.785	0.630	0.669	13.6	
1,1,1-Trichloroethane	1.091	0.859	0.955	0.912	1.013	1.023	0.975	8.6	
Benzene	1.508	1.396	1.314	1.323	1.402	1.444	1.398	5.2	
1,2-Dichloroethane	0.554	0.497	0.439	0.452	0.525	0.502	0.495	8.7	
Trichloroethene	0.387	0.340	0.363	0.367	0.345	0.387	0.365	5.4	
1,1,2-Trichloroethane	0.359	0.316	0.325	0.378	0.310	0.347	0.339	7.9	
Tetrachloroethene	0.383	0.367	0.358	0.353	0.315	0.410	0.364	8.8	
1,2-Dichloroethane-d4		0.677	0.618	0.578	0.787	0.695	0.671	11.9	
Dibromofluoromethane		0.316	0.359	0.334	0.355	0.357	0.344	5.4	
Toluene-d8		1.281	1.161	1.312	1.051	1.228	1.207	8.6	
4-Bromofluorobenzene		0.416	0.418	0.459	0.397	0.391	0.416	6.4	

* 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.