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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG No.: Q3788

Instrument ID: MSVOA_X Calibration Date(s): 12/04/2025 12/04/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:47 10:38

GC Column: DB-624UI ID: 0.18 (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	$\overline{RRF}$	% 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.