

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GFEL01
 Lab Code: ACE SDG No.: Q3650
 Instrument ID: MSVOA_L Calibration Date(s): 11/18/2025 11/18/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:29 13:24
 GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID:		RRF0.5 = VL043203.D		RRF010 = VL043204.D		RRF002 = VL043205.D			
		RRF001 = VL043206.D		RRF0.1 = VL043208.D		RRF.03 = VL043209.D			
COMPOUND	RRF0.5	RRF010	RRF002	RRF001	RRF0.1	RRF.03	RRF	% RSD	
Vinyl Chloride	0.533	0.486	0.575	0.580	0.655	0.724	0.577	15.3	
Heptane	2.106	1.604	1.728	1.804			1.753	12.9	
1,1-Dichloroethane	1.050	1.018	1.194	1.173			1.096	7.4	
Cyclohexane	1.135	1.024	1.130	1.194			1.101	6.8	
cis-1,2-Dichloroethene	1.399	1.240	1.322	1.351			1.306	5.8	
1,1,1-Trichloroethane	1.971	1.884	2.033	2.018	2.046	2.116	1.990	4.5	
2,2,4-Trimethylpentane	1.746	1.555	1.621	1.765			1.645	6.5	
Benzene	0.996	0.905	0.986	1.001			0.958	5.3	
Trichloroethene	0.390	0.353	0.371	0.388	0.475	0.293	0.375	14.6	
Toluene	1.198	1.075	1.146	1.182			1.134	5.3	
Tetrachloroethene	0.344	0.329	0.349	0.362	0.424	0.363	0.356	9.4	
Ethyl Benzene	1.927	1.821	2.008	2.038			1.925	5.2	
m/p-Xylene	1.618	1.434	1.607	1.611			1.543	6.1	
o-Xylene	1.584	1.419	1.659	1.625			1.542	7.4	
1,3,5-Trimethylbenzene	1.623	1.456	1.662	1.682			1.575	7.1	
1,2,4-Trimethylbenzene	1.796	1.548	1.871	1.844			1.719	9.5	
Naphthalene	1.483	1.496	1.860	1.599	1.230		1.527	13.4	
1-Bromo-4-Fluorobenzene	0.729	0.735	0.741	0.733	0.725	0.712	0.733	1.9	
Hexane	1.374	1.235	1.375	1.424			1.314	8.4	

* 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.