

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02
 Lab Code: ACE SDG No.: Q3614
 Instrument ID: MSVOA_Y Calibration Date(s): 11/04/2025 11/04/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:19 11:27
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:								
	RRF005 = VY023661.D		RRF010 = VY023662.D		RRF020 = VY023663.D			
	RRF050 = VY023664.D		RRF100 = VY023665.D		RRF150 = VY023666.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
cis-1,2-Dichloroethene	0.571	0.582	0.574	0.560	0.599	0.564	0.575	2.4
1,1,1-Trichloroethane	0.852	0.833	0.820	0.769	0.803	0.753	0.805	4.7
Benzene	1.323	1.322	1.355	1.287	1.345	1.265	1.316	2.6
Trichloroethene	0.398	0.383	0.387	0.366	0.377	0.358	0.378	3.8
Toluene	0.761	0.813	0.874	0.854	0.898	0.842	0.840	5.7
Ethyl Benzene	1.589	1.661	1.787	1.807	1.908	1.819	1.762	6.6
m/p-Xylenes	0.618	0.671	0.722	0.727	0.757	0.727	0.704	7.1
o-Xylene	0.562	0.600	0.659	0.674	0.717	0.691	0.651	9
Isopropylbenzene	2.940	3.203	3.298	3.461	3.641	3.521	3.344	7.6
1,2-Dichloroethane-d4	0.468	0.425	0.426	0.407	0.425	0.407	0.427	5.3
Dibromofluoromethane	0.312	0.316	0.312	0.310	0.318	0.308	0.312	1.2
Toluene-d8	1.109	1.148	1.155	1.189	1.224	1.159	1.164	3.3
4-Bromofluorobenzene	0.354	0.354	0.379	0.388	0.400	0.385	0.376	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.