

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043200.D
 Acq On : 13 Nov 2025 15:23
 Operator : SY/MD
 Sample : Q3627-04 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UNIT-8-SS-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2025
 Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 14 04:40:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.793	49	136843	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	359287	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	305253	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	240491	10.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.502	85	4950	0.254	ppbv	94
9) Propene	1.489	41	4022	0.431	ppbv	85
11) Trichlorofluoromethane	1.881	101	5775	0.303	ppbv	93
13) Ethanol	1.725	45	148663	43.052	ppbv	99
15) Acetone	1.839	43	495885	26.885	ppbv	99
17) tert-Butyl alcohol	2.046	59	27295	1.078	ppbv	97
19) Isopropyl Alcohol	1.887	45	147301	12.823	ppbv #	18
20) Methylene Chloride	2.065	84	7894	1.083	ppbv	90
26) Hexane	2.836	57	9409	0.446	ppbv #	45
27) Carbon Disulfide	2.156	76	8871	0.459	ppbv #	27
29) Chloroform	2.852	83	7245	0.237	ppbv	99
32) 1,1,1-Trichloroethane	3.376	97	1211m	0.038	ppbv	
34) 2-Butanone	2.564	43	65335	2.705	ppbv	99
35) Carbon Tetrachloride	3.771	117	30208	1.169	ppbv	91
36) Benzene	3.664	78	4942m	0.146	ppbv	
38) Trichloroethene	4.557	130	74909	5.300	ppbv	97
41) Tetrahydrofuran	3.069	42	2943m	0.218	ppbv	
50) 4-Methyl-2-Pentanone	5.778	43	6487m	0.195	ppbv	
51) 2-Hexanone	7.448	43	11714m	0.469	ppbv	
52) Tetrachloroethene	8.228	164	27051	2.217	ppbv	96
53) Toluene	6.943	91	7803	0.194	ppbv	99
59) m/p-Xylene	9.539	91	9879m	0.236	ppbv	
60) o-Xylene	9.969	91	4883m	0.118	ppbv	
74) 1,2,4-Trimethylbenzene	11.545	105	6862m	0.147	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

