

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043201.D
 Acq On : 13 Nov 2025 15:58
 Operator : SY/MD
 Sample : Q3627-05 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UNIT-7-SS-1

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 04:41:19 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	2.797	49	147747	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	400343	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	381448	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	268804	9.066	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.502	85	4876	0.232	ppbv	93
4) Chloromethane	1.537	50	3247	0.390	ppbv	96
9) Propene	1.489	41	41551	4.122	ppbv	92
10) Heptane	4.991	43	10313	0.355	ppbv	92
11) Trichlorofluoromethane	1.884	101	4177	0.203	ppbv	95
13) Ethanol	1.725	45	711495	190.837	ppbv	96
15) Acetone	1.839	43	491909	24.702	ppbv	92
17) tert-Butyl alcohol	2.046	59	24573	0.899	ppbv	98
19) Isopropyl Alcohol	1.890	45	993000	80.062	ppbv #	37
20) Methylene Chloride	2.068	84	5343	0.679	ppbv	91
26) Hexane	2.835	57	18948	0.833	ppbv #	91
27) Carbon Disulfide	2.156	76	12592	0.604	ppbv #	57
29) Chloroform	2.855	83	5153	0.156	ppbv	93
30) Cyclohexane	3.871	84	3547m	0.179	ppbv	
34) 2-Butanone	2.563	43	200156	7.438	ppbv	97
35) Carbon Tetrachloride	3.771	117	4587m	0.159	ppbv	
36) Benzene	3.664	78	33860	0.898	ppbv	96
38) Trichloroethene	4.564	130	2156	0.137	ppbv #	80
41) Tetrahydrofuran	3.068	42	6671m	0.443	ppbv	
50) 4-Methyl-2-Pentanone	5.761	43	196948	5.303	ppbv	97
51) 2-Hexanone	7.448	43	36538	1.312	ppbv #	90
52) Tetrachloroethene	8.237	164	70881	5.213	ppbv	91
53) Toluene	6.949	91	31937	0.714	ppbv	95
58) Ethyl Benzene	9.360	91	9783	0.149	ppbv	95
59) m/p-Xylene	9.542	91	14489m	0.277	ppbv	
60) o-Xylene	9.969	91	5876m	0.114	ppbv	
61) Styrene	9.875	104	3586	0.154	ppbv	94
62) Isopropylbenzene	10.545	105	13362	0.143	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	7762	0.133	ppbv #	60

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

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