

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043224.D
 Acq On : 18 Nov 2025 21:33
 Operator : SY/MD
 Sample : Q3651-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 01:40:42 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

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

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	90209	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	238879	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	188275	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	141605	10.261	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1368	0.108	ppbv #	88
3) Chlorodifluoromethane	1.476	51	1849	0.148	ppbv	93
9) Propene	1.486	41	2403	0.452	ppbv #	1
10) Heptane	4.972	43	5012m	0.317	ppbv	
13) Ethanol	1.719	45	7214	3.861	ppbv	98
15) Acetone	1.832	43	184177	14.695	ppbv	98
17) tert-Butyl alcohol	2.039	59	2672	0.162	ppbv #	63
26) Hexane	2.822	57	19430	1.640	ppbv #	41
27) Carbon Disulfide	2.149	76	3027	0.250	ppbv #	1
30) Cyclohexane	3.852	84	1053m	0.106	ppbv	
34) 2-Butanone	2.557	43	33383	1.980	ppbv	99
36) Benzene	3.648	78	2250m	0.098	ppbv	
41) Tetrahydrofuran	3.059	42	2145m	0.230	ppbv	
50) 4-Methyl-2-Pentanone	5.752	43	3909m	0.165	ppbv	
51) 2-Hexanone	7.431	43	8978m	0.487	ppbv	
52) Tetrachloroethene	8.221	164	421m	0.049	ppbv	
53) Toluene	6.923	91	49578m	1.830	ppbv	
58) Ethyl Benzene	9.351	91	5506m	0.152	ppbv	
59) m/p-Xylene	9.529	91	11158	0.384	ppbv	95
60) o-Xylene	9.956	91	5502	0.190	ppbv	95
74) 1,2,4-Trimethylbenzene	11.529	105	4159	0.128	ppbv #	48

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

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