

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043223.D
 Acq On : 18 Nov 2025 21:01
 Operator : SY/MD
 Sample : Q3651-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 01:40:14 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	93548	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	242389	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	194239	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	146822	10.312	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1863	0.141	ppbv #	88
9) Propene	1.486	41	3767	0.684	ppbv #	1
10) Heptane	4.975	43	8617m	0.525	ppbv	
11) Trichlorofluoromethane	1.877	101	14421	1.128	ppbv	94
13) Ethanol	1.719	45	6187	3.193	ppbv	93
15) Acetone	1.832	43	297113	22.860	ppbv	100
17) tert-Butyl alcohol	2.039	59	1822m	0.107	ppbv	
19) Isopropyl Alcohol	1.884	45	53776	7.322	ppbv #	1
20) Methylene Chloride	2.059	84	119411	32.984	ppbv	96
26) Hexane	2.823	57	19949	1.623	ppbv #	45
30) Cyclohexane	3.852	84	3231	0.314	ppbv #	85
32) 1,1,1-Trichloroethane	3.366	97	1763m	0.095	ppbv	
34) 2-Butanone	2.554	43	62654	3.662	ppbv	100
36) Benzene	3.648	78	3340m	0.144	ppbv	
44) 2,2,4-Trimethylpentane	4.632	57	5693m	0.143	ppbv	
51) 2-Hexanone	7.431	43	13865m	0.741	ppbv	
52) Tetrachloroethene	8.215	164	2137m	0.247	ppbv	
53) Toluene	6.920	91	194541	7.078	ppbv	97
58) Ethyl Benzene	9.351	91	19035	0.509	ppbv	99
59) m/p-Xylene	9.526	91	48124	1.606	ppbv	100
60) o-Xylene	9.953	91	16493	0.551	ppbv	97
73) 1,3,5-Trimethylbenzene	11.199	105	3667	0.120	ppbv	95
74) 1,2,4-Trimethylbenzene	11.529	105	7730	0.231	ppbv #	49

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

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