

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042653.D
 Acq On : 19 Jun 2025 13:37
 Operator : SY/MD
 Sample : Q2369-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 01:37:27 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.800	49	112561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	304867	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.901	117	266456	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	204937	10.260	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	6518	0.471	ppbv	89
3) Chlorodifluoromethane	1.483	51	7563m	0.397	ppbv	
4) Chloromethane	1.538	50	5074	0.926	ppbv	92
9) Propene	1.489	41	23733	3.093	ppbv	97
10) Heptane	5.007	43	30080	1.391	ppbv	98
11) Trichlorofluoromethane	1.887	101	3078	0.239	ppbv	84
13) Ethanol	1.729	45	306726	335.435	ppbv	97
15) Acetone	1.845	43	210135m	15.499	ppbv	
19) Isopropyl Alcohol	1.894	45	69876	8.621	ppbv #	35
20) Methylene Chloride	2.072	84	3034	0.678	ppbv #	92
26) Hexane	2.839	57	78921	4.681	ppbv #	45
29) Chloroform	2.865	83	51116	2.331	ppbv	99
30) Cyclohexane	3.878	84	16792	1.201	ppbv	93
34) 2-Butanone	2.570	43	35781	1.646	ppbv	98
35) Carbon Tetrachloride	3.777	117	1727m	0.086	ppbv	
36) Benzene	3.674	78	56572	1.884	ppbv	97
41) Tetrahydrofuran	3.078	42	3888	0.306	ppbv	94
44) 2,2,4-Trimethylpentane	4.664	57	244291	4.757	ppbv	95
52) Tetrachloroethene	8.247	164	4175m	0.372	ppbv	
53) Toluene	6.962	91	252517	7.278	ppbv	99
58) Ethyl Benzene	9.373	91	35314	0.781	ppbv	91
59) m/p-Xylene	9.552	91	105708m	2.972	ppbv	
60) o-Xylene	9.982	91	38319	1.080	ppbv	98
61) Styrene	9.885	104	4995	0.298	ppbv	96
64) n-propylbenzene	11.008	120	2550	0.182	ppbv	85
72) 4-Ethyltoluene	11.137	105	15265	0.345	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.218	105	14817	0.405	ppbv	91
74) 1,2,4-Trimethylbenzene	11.552	105	53598	1.319	ppbv #	64
76) 1,4-Dichlorobenzene	11.688	146	14469	0.569	ppbv	94
79) Naphthalene	13.526	128	13368	0.349	ppbv	95
80) Naphthalene,2-methyl-	14.468	142	2172	0.126	ppbv #	85

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

