

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042740.D
 Acq On : 22 Jul 2025 20:36
 Operator : SY/MD
 Sample : Q2632-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/23/2025
 Supervised By : Mahesh Dadoda 07/23/2025

Quant Time: Jul 23 03:05:57 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M

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

QLast Update : Wed Jul 23 02:51:39 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	107374	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	306694	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	276267	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	234821	10.517	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	7326	0.437	ppbv	90
3) Chlorodifluoromethane	1.476	51	5244m	0.277	ppbv	
4) Chloromethane	1.534	50	4350	0.634	ppbv #	85
9) Propene	1.489	41	13086m	1.946	ppbv	
10) Heptane	4.985	43	7374	0.394	ppbv	94
11) Trichlorofluoromethane	1.881	101	3824	0.222	ppbv	95
13) Ethanol	1.722	45	177250	156.653	ppbv	98
15) Acetone	1.835	43	1326002	73.756	ppbv	91
19) Isopropyl Alcohol	1.887	45	210865	22.131	ppbv #	1
26) Hexane	2.829	57	19564	1.344	ppbv #	59
34) 2-Butanone	2.557	43	118114	5.593	ppbv	97
35) Carbon Tetrachloride	3.764	117	1727m	0.069	ppbv	
36) Benzene	3.658	78	7046	0.247	ppbv #	88
37) 1,2-Dichloroethane	3.221	62	40202	2.212	ppbv	99
44) 2,2,4-Trimethylpentane	4.651	57	7547m	0.161	ppbv	
50) 4-Methyl-2-Pentanone	5.758	43	110761	4.002	ppbv	99
51) 2-Hexanone	7.444	43	9850m	0.446	ppbv	
52) Tetrachloroethene	8.231	164	6200m	0.540	ppbv	
53) Toluene	6.936	91	661664	20.596	ppbv	100
58) Ethyl Benzene	9.360	91	62250	1.349	ppbv	97
59) m/p-Xylene	9.532	91	290932	7.880	ppbv	97
60) o-Xylene	9.966	91	167095	4.483	ppbv	100
61) Styrene	9.875	104	24847	1.547	ppbv	98
62) Isopropylbenzene	10.542	105	29256	0.528	ppbv	98
64) n-propylbenzene	10.992	120	20874	1.493	ppbv	88
69) p-Isopropyltoluene	11.927	119	98817	1.732	ppbv	99
70) n-Butylbenzene	12.283	91	25400m	0.466	ppbv	
72) 4-Ethyltoluene	11.128	105	101468	2.283	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.205	105	168163	4.574	ppbv	94
74) 1,2,4-Trimethylbenzene	11.539	105	444602	11.022	ppbv #	58
76) 1,4-Dichlorobenzene	11.671	146	3848	0.147	ppbv #	1
79) Naphthalene	13.513	128	23811	0.789	ppbv	96

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

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