

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042741.D
 Acq On : 22 Jul 2025 21:12
 Operator : SY/MD
 Sample : Q2632-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 03:06:38 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	2.784	49	111344	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	322913	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	292536	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	243485	10.298	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	7171	0.413	ppbv	96
3) Chlorodifluoromethane	1.473	51	5468m	0.278	ppbv	
4) Chloromethane	1.531	50	4476	0.629	ppbv	94
9) Propene	1.486	41	12985m	1.862	ppbv	
10) Heptane	4.978	43	7547m	0.389	ppbv	
11) Trichlorofluoromethane	1.877	101	4293	0.240	ppbv	94
13) Ethanol	1.719	45	167054	142.377	ppbv	96
15) Acetone	1.832	43	1266119	67.914	ppbv	92
19) Isopropyl Alcohol	1.884	45	203603	20.607	ppbv #	1
26) Hexane	2.826	57	19843	1.315	ppbv #	69
34) 2-Butanone	2.554	43	114753	5.161	ppbv	98
35) Carbon Tetrachloride	3.761	117	1697m	0.064	ppbv	
36) Benzene	3.651	78	6485	0.216	ppbv #	91
37) 1,2-Dichloroethane	3.214	62	35349	1.847	ppbv #	96
44) 2,2,4-Trimethylpentane	4.635	57	8528m	0.173	ppbv	
50) 4-Methyl-2-Pentanone	5.745	43	108290m	3.716	ppbv	
51) 2-Hexanone	7.444	43	9070m	0.390	ppbv	
52) Tetrachloroethene	8.221	164	6100m	0.505	ppbv	
53) Toluene	6.926	91	623030	18.420	ppbv	100
58) Ethyl Benzene	9.351	91	59900	1.226	ppbv	97
59) m/p-Xylene	9.529	91	271574	6.947	ppbv	98
60) o-Xylene	9.959	91	154009	3.902	ppbv	100
61) Styrene	9.865	104	23960m	1.409	ppbv	
62) Isopropylbenzene	10.535	105	28526	0.486	ppbv	100
64) n-propylbenzene	10.985	120	20910	1.413	ppbv	96
69) p-Isopropyltoluene	11.924	119	90731	1.502	ppbv	99
70) n-Butylbenzene	12.280	91	22515m	0.390	ppbv	
72) 4-Ethyltoluene	11.124	105	99089	2.105	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	158369	4.068	ppbv	98
74) 1,2,4-Trimethylbenzene	11.532	105	411701	9.639	ppbv #	59
76) 1,4-Dichlorobenzene	11.671	146	4302	0.156	ppbv #	1
79) Naphthalene	13.510	128	23579	0.738	ppbv #	92

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

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