

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042231.D
 Acq On : 07 Apr 2025 12:27
 Operator : SY/MD
 Sample : Q1725-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1-03312025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

Quant Time: Apr 08 01:30:38 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	202620	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.978	114	551417	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	479781	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	381172	9.674	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	12053	0.403	ppbv	95
3) Chlorodifluoromethane	1.483	51	8523m	0.279	ppbv	
4) Chloromethane	1.538	50	7078	0.579	ppbv	97
9) Propene	1.492	41	6667	0.476	ppbv #	80
10) Heptane	5.004	43	4131m	0.111	ppbv	
11) Trichlorofluoromethane	1.884	101	5976	0.205	ppbv	92
13) Ethanol	1.729	45	17438	13.168	ppbv	81
15) Acetone	1.842	43	143188	5.053	ppbv	96
19) Isopropyl Alcohol	1.894	45	17414	1.089	ppbv #	1
20) Methylene Chloride	2.072	84	4263	0.404	ppbv #	76
26) Hexane	2.842	57	9360	0.329	ppbv #	44
34) 2-Butanone	2.573	43	21340	0.534	ppbv	92
35) Carbon Tetrachloride	3.784	117	2850m	0.066	ppbv	
36) Benzene	3.671	78	7483	0.137	ppbv #	91
50) 4-Methyl-2-Pentanone	5.804	43	8496m	0.134	ppbv	
53) Toluene	6.959	91	39177m	0.605	ppbv	
59) m/p-Xylene	9.545	91	14796m	0.217	ppbv	

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

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