

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042232.D
 Acq On : 07 Apr 2025 13:00
 Operator : SY/MD
 Sample : Q1725-04DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1-03312025DUP

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 01:31:10 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	2.803	49	201241	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	543996	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	475092	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	378319	9.697	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	11976	0.403	ppbv	94
3) Chlorodifluoromethane	1.482	51	8058m	0.265	ppbv	
4) Chloromethane	1.541	50	6769	0.557	ppbv	96
9) Propene	1.492	41	5803	0.417	ppbv	100
10) Heptane	5.017	43	4336m	0.117	ppbv	
11) Trichlorofluoromethane	1.887	101	6183	0.214	ppbv	95
13) Ethanol	1.728	45	17233	13.103	ppbv	80
15) Acetone	1.845	43	145846	5.182	ppbv	95
19) Isopropyl Alcohol	1.897	45	16701	1.052	ppbv #	1
20) Methylene Chloride	2.072	84	4976	0.475	ppbv	95
26) Hexane	2.842	57	9327	0.331	ppbv #	36
34) 2-Butanone	2.576	43	19408	0.492	ppbv	96
35) Carbon Tetrachloride	3.790	117	2731m	0.064	ppbv	
36) Benzene	3.677	78	6934	0.129	ppbv #	95
50) 4-Methyl-2-Pentanone	5.803	43	7715m	0.123	ppbv	
53) Toluene	6.962	91	37601	0.588	ppbv	99
59) m/p-Xylene	9.551	91	14589m	0.217	ppbv	

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

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