

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042245.D
 Acq On : 07 Apr 2025 22:40
 Operator : SY/MD
 Sample : Q1725-05 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B14-3-04012025

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 01:37:28 2025

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

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

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	191155	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.988	114	493918	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.908	117	441320	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.397	95	357099	9.853	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.506	85	6425	0.228	ppbv	93
3) Chlorodifluoromethane	1.483	51	5063m	0.176	ppbv	
4) Chloromethane	1.541	50	2684	0.233	ppbv	100
9) Propene	1.493	41	6073m	0.460	ppbv	
11) Trichlorofluoromethane	1.887	101	2858	0.104	ppbv #	75
13) Ethanol	1.729	45	9102m	7.286	ppbv	
15) Acetone	1.845	43	590313	22.081	ppbv	96
19) Isopropyl Alcohol	1.897	45	1101017	72.993	ppbv #	32
20) Methylene Chloride	2.072	84	3195	0.321	ppbv #	94
26) Hexane	2.842	57	3476	0.130	ppbv #	33
29) Chloroform	2.865	83	4102	0.105	ppbv	91
34) 2-Butanone	2.577	43	12837	0.358	ppbv	97
35) Carbon Tetrachloride	3.791	117	1389m	0.036	ppbv	
52) Tetrachloroethene	8.254	164	816m	0.042	ppbv	
53) Toluene	6.972	91	22311	0.384	ppbv	97
58) Ethyl Benzene	9.377	91	35929	0.458	ppbv	96
59) m/p-Xylene	9.555	91	125540	2.006	ppbv	99
60) o-Xylene	9.986	91	25937	0.413	ppbv	100
61) Styrene	9.895	104	6211	0.200	ppbv	92

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

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