

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041980.D
 Acq On : 10 Feb 2025 11:02
 Operator : SY/MD
 Sample : Q1302-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:20:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.780	49	158512	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	429248	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	379058	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	294361	9.859	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
9) Propene	1.479	41	12427	1.334	ppbv	100
10) Heptane	4.965	43	9974m	0.400	ppbv	
11) Trichlorofluoromethane	1.874	101	3774	0.168	ppbv	97
13) Ethanol	1.719	45	5001	7.328	ppbv #	31
15) Acetone	1.829	43	1132099	59.464	ppbv	93
16) 1,3-Butadiene	1.599	39	7596	0.889	ppbv #	51
17) tert-Butyl alcohol	2.039	59	12724	0.543	ppbv	100
20) Methylene Chloride	2.059	84	1168	0.155	ppbv #	90
26) Hexane	2.819	57	9708	0.478	ppbv #	38
27) Carbon Disulfide	2.146	76	4556	0.227	ppbv #	47
32) 1,1,1-Trichloroethane	3.363	97	4923m	0.160	ppbv	
34) 2-Butanone	2.554	43	223908	8.202	ppbv	99
35) Carbon Tetrachloride	3.751	117	3347m	0.124	ppbv	
36) Benzene	3.648	78	27289	0.693	ppbv	95
41) Tetrahydrofuran	3.059	42	6874	0.463	ppbv #	45
50) 4-Methyl-2-Pentanone	5.752	43	57304m	1.538	ppbv	
51) 2-Hexanone	7.435	43	41152m	1.437	ppbv	
52) Tetrachloroethene	8.215	164	2812m	0.206	ppbv	
53) Toluene	6.923	91	246103	5.739	ppbv	100
59) m/p-Xylene	9.522	91	8790m	0.185	ppbv	

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

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