Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041872.D
Acq On : 09 Jan 2025 18:37
Operator : SY/MD
Sample : Q1037-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
INDOOR

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 01:44:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.797	49	119153	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.975	114	358497	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.894	117	322381	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.390	95	262755	10.165	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.502	85	7659	0.392	ppbv		99
3) Chlorodifluoromethane	1.479	51	5784m	0.269	ppbv		
4) Chloromethane	1.538	50	3460m	0.455	ppbv		
9) Propene	1.492	41	70203m	7.002	ppbv		
11) Trichlorofluoromethane	1.884	101	4882	0.243	ppbv		95
13) Ethanol	1.725	45	795184	1248.775	ppbv		87
15) Acetone	1.842	43	74735	3.719	ppbv		96
17) tert-Butyl alcohol	2.049	59	3585	0.157	ppbv	#	72
19) Isopropyl Alcohol	1.894	45	23353	2.211	ppbv	#	42
20) Methylene Chloride	2.068	84	2700	0.394	ppbv	#	91
26) Hexane	2.835	57	10287	0.501	ppbv	#	56
30) Cyclohexane	3.878	84	2540m	0.144	ppbv		
34) 2-Butanone	2.573	43	4652	0.156	ppbv		98
35) Carbon Tetrachloride	3.774	117	2003m	0.072	ppbv		
36) Benzene	3.674	78	9375	0.225	ppbv	#	85
53) Toluene	6.959	91	14055m	0.284	ppbv		
59) m/p-Xylene	9.545	91	6719m	0.128	ppbv		

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

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