Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
Data File : VL042081.D
Acq On : 03 Mar 2025 17:24
Operator : SY/MD
Sample : Q1430-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 04 00:20:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	163018	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	364560	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	307983	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	232727	9.822	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	2256	0.133	ppbv #	86
9) Propene	1.483	41	4140	0.429	ppbv	99
13) Ethanol	1.722	45	40109	65.460	ppbv	90
15) Acetone	1.835	43	43625	3.030	ppbv #	78
17) tert-Butyl alcohol	2.046	59	4938	0.274	ppbv #	87
19) Isopropyl Alcohol	1.890	45	7366	0.891	ppbv #	1
20) Methylene Chloride	2.062	84	2944	0.541	ppbv #	88
26) Hexane	2.826	57	2777	0.119	ppbv #	46
34) 2-Butanone	2.560	43	112646	3.966	ppbv	93
36) Benzene	3.654	78	5456	0.143	ppbv #	84
50) 4-Methyl-2-Pentanone	5.768	43	10028m	0.273	ppbv	
51) 2-Hexanone	7.445	43	8237m	0.326	ppbv	
52) Tetrachloroethene	8.221	164	5658m	0.433	ppbv	
53) Toluene	6.936	91	21962m	0.515	ppbv	
59) m/p-Xylene	9.526	91	7868m	0.174	ppbv	

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

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