Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
Data File : VL041928.D
Acq On : 20 Jan 2025 19:51
Operator : SY/MD
Sample : Q1138-01
Misc : 400mL/MSVOA_L
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 21 03:07:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.781	49	134088	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	374281	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	329727	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	254361	9.794	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	8708	0.477	ppbv	94
3) Chlorodifluoromethane	1.473	51	3510m	0.183	ppbv	
4) Chloromethane	1.531	50	3358	0.489	ppbv	92
9) Propene	1.483	41	5923m	0.751	ppbv	
11) Trichlorofluoromethane	1.874	101	4270	0.225	ppbv	93
13) Ethanol	1.719	45	38927	67.425	ppbv	89
15) Acetone	1.832	43	504884	31.349	ppbv	100
19) Isopropyl Alcohol	1.884	45	13931	1.459	ppbv #	1
20) Methylene Chloride	2.059	84	5111	0.803	ppbv	93
26) Hexane	2.819	57	6758	0.393	ppbv #	75
34) 2-Butanone	2.557	43	14051	0.590	ppbv	99
35) Carbon Tetrachloride	3.748	117	1550m	0.066	ppbv	
36) Benzene	3.648	78	7177	0.209	ppbv	93
52) Tetrachloroethene	8.218	164	23885	2.007	ppbv	96
53) Toluene	6.927	91	40543	1.084	ppbv	99

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

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