Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
Data File : VL042133.D
Acq On : 10 Mar 2025 19:30
Operator : SY/MD
Sample : Q1533-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:29:51 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.800	49	163450	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	382061	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	315801	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	243680	10.030	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	9485	0.558	ppbv	97
3) Chlorodifluoromethane	1.479	51	5670m	0.239	ppbv	
4) Chloromethane	1.538	50	4223	0.672	ppbv	89
9) Propene	1.492	41	8866m	0.916	ppbv	
11) Trichlorofluoromethane	1.887	101	4547	0.267	ppbv	91
13) Ethanol	1.729	45	416869	678.556	ppbv	93
15) Acetone	1.842	43	211093	14.624	ppbv	99
19) Isopropyl Alcohol	1.894	45	931851	112.388	ppbv #	33
20) Methylene Chloride	2.068	84	141522	25.920	ppbv	98
26) Hexane	2.839	57	555187	23.769	ppbv #	34
29) Chloroform	2.861	83	11915	0.379	ppbv	99
34) 2-Butanone	2.577	43	7802	0.262	ppbv	100
35) Carbon Tetrachloride	3.781	117	1808m	0.069	ppbv	
36) Benzene	3.674	78	4877	0.122	ppbv #	84
52) Tetrachloroethene	8.244	164	15231m	1.112	ppbv	
53) Toluene	6.962	91	4562m	0.102	ppbv	

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

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