Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
Data File : VL042125.D
Acq On : 10 Mar 2025 15:10
Operator : SY/MD
Sample : Q1532-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
3

Manual Integrations APPROVED

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

Quant Time: Mar 11 01:25:51 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	165184	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	383076	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	325600	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	257724	10.288	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	8811	0.513	ppbv	98
3) Chlorodifluoromethane	1.479	51	5361m	0.223	ppbv	
4) Chloromethane	1.538	50	3667	0.577	ppbv	90
9) Propene	1.492	41	14075m	1.439	ppbv	
11) Trichlorofluoromethane	1.884	101	4245	0.247	ppbv	98
13) Ethanol	1.725	45	49066	79.029	ppbv	91
15) Acetone	1.842	43	95309	6.534	ppbv	99
17) tert-Butyl alcohol	2.052	59	2468m	0.135	ppbv	
19) Isopropyl Alcohol	1.894	45	80421	9.598	ppbv #	35
20) Methylene Chloride	2.068	84	8194	1.485	ppbv	90
34) 2-Butanone	2.573	43	20566	0.689	ppbv	93
35) Carbon Tetrachloride	3.781	117	1856m	0.070	ppbv	
36) Benzene	3.671	78	5810	0.145	ppbv #	82
52) Tetrachloroethene	8.244	164	935m	0.068	ppbv	
53) Toluene	6.959	91	16945	0.378	ppbv	93
59) m/p-Xylene	9.545	91	13078m	0.274	ppbv	

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

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