Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
Data File : VL040699.D
Acq On : 18 Sep 2023 15:03
Operator : SY/MD
Sample : 04402-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 05:18:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ST-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.211	49	918562	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	6.671	114	2571613	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.484	117	2124310	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.796	95	1565196	9.536	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.748	85	112424	0.555	ppbv		98
3) Chlorodifluoromethane	2.690	51	54767m	0.366	ppbv		
4) Chloromethane	2.832	50	35264	0.616	ppbv		98
9) Propene	2.719	41	57172m	1.326	ppbv		
10) Heptane	7.597	43	23645m	0.243	ppbv		
11) Trichlorofluoromethane	3.581	101	48316	0.272	ppbv		96
13) Ethanol	3.259	45	235953m	18.492	ppbv		
15) Acetone	3.488	43	829813m	6.849	ppbv		
19) Isopropyl Alcohol	3.603	45	131646m	1.803	ppbv		
20) Methylene Chloride	3.951	84	231918	3.556	ppbv		94
26) Hexane	5.230	57	550315	5.956	ppbv	#	41
29) Chloroform	5.288	83	20085m	0.126	ppbv		
30) Cyclohexane	6.629	84	12480m	0.179	ppbv		
34) 2-Butanone	4.812	43	57368	0.444	ppbv		94
35) Carbon Tetrachloride	6.507	117	13910	0.079	ppbv	#	60
36) Benzene	6.388	78	113416	0.596	ppbv	#	92
44) 2,2,4-Trimethylpentane	7.346	57	264433	0.872	ppbv	#	88
53) Toluene	9.240	91	601341	2.991	ppbv		98
59) m/p-Xylene	12.365	91	48694m	0.214	ppbv		
60) o-Xylene	13.069	91	24088m	0.111	ppbv		
74) 1,2,4-Trimethylbenzene	16.124	105	40237m	0.151	ppbv		

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

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