Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
Data File : VL040162.D
Acq On : 13 Feb 2023 16:13
Operator : SY/MD
Sample : 01530-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 14 01:46:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Feb 14 01:41:11 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SVP-01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.208	49	920351	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2365451	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.497	117	2055814	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.809	95	1612240	9.436	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.732	85	16490m	0.102	ppbv		
4) Chloromethane	2.816	50	8513m	0.125	ppbv		
7) Chloroethane	3.201	64	5644m	0.255	ppbv		
9) Propene	2.697	41	453716	9.892	ppbv		88
10) Heptane	7.603	43	37877	0.358	ppbv		96
13) Ethanol	3.253	45	45306m	10.732	ppbv		
15) Acetone	3.481	43	313894m	2.844	ppbv		
17) tert-Butyl alcohol	3.906	59	101849m	0.991	ppbv		
19) Isopropyl Alcohol	3.597	45	42508m	0.787	ppbv		
20) Methylene Chloride	3.944	84	73351	1.506	ppbv		96
26) Hexane	5.230	57	106113	1.247	ppbv	#	37
30) Cyclohexane	6.626	84	13692m	0.202	ppbv		
34) 2-Butanone	4.809	43	74327m	0.664	ppbv		
35) Carbon Tetrachloride	6.516	117	4886m	0.037	ppbv		
36) Benzene	6.388	78	33916	0.194	ppbv	#	93
44) 2,2,4-Trimethylpentane	7.349	57	53735	0.185	ppbv	#	79
51) 2-Hexanone	9.600	43	26822m	0.201	ppbv		
53) Toluene	9.246	91	77110	0.413	ppbv		99
59) m/p-Xylene	12.375	91	62122m	0.301	ppbv		
60) o-Xylene	13.089	91	25032m	0.128	ppbv		
74) 1,2,4-Trimethylbenzene	16.140	105	23948m	0.111	ppbv		

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

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