Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
Data File : VL040390.D
Acq On : 19 Apr 2023 21:45
Operator : SY/MD
Sample : 02410-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 07:48:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV-02-20230417

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1066389	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	2791780	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.459	117	2574910	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2174056	10.210	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	27502	0.143	ppbv	98
4) Chloromethane	2.793	50	21722	0.247	ppbv	90
7) Chloroethane	3.176	64	8471	0.308	ppbv	98
9) Propene	2.681	41	1877671m	34.108	ppbv	
10) Heptane	7.565	43	140508	1.123	ppbv	95
11) Trichlorofluoromethane	3.542	101	74849	0.385	ppbv	97
13) Ethanol	3.214	45	17216m	3.746	ppbv	
15) Acetone	3.446	43	753978	4.992	ppbv #	47
17) tert-Butyl alcohol	3.874	59	29802	0.215	ppbv #	72
20) Methylene Chloride	3.915	84	25733	0.427	ppbv	92
26) Hexane	5.198	57	667237	6.227	ppbv #	37
27) Carbon Disulfide	4.108	76	127858	0.922	ppbv	97
29) Chloroform	5.253	83	17988	0.094	ppbv	91
30) Cyclohexane	6.584	84	145322m	1.751	ppbv	
34) 2-Butanone	4.767	43	616519	4.095	ppbv	97
36) Benzene	6.356	78	608309	2.671	ppbv	99
38) Trichloroethene	7.275	130	9412m	0.073	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	213490	0.561	ppbv #	47
51) 2-Hexanone	9.545	43	118131m	0.700	ppbv	
52) Tetrachloroethene	10.606	164	14159m	0.199	ppbv	
53) Toluene	9.211	91	416679	1.726	ppbv	99
58) Ethyl Benzene	12.079	91	168383	0.532	ppbv	94
59) m/p-Xylene	12.333	91	383572	1.317	ppbv	96
60) o-Xylene	13.050	91	279009	0.998	ppbv	98
62) Isopropylbenzene	14.024	105	39175m	0.097	ppbv	
67) sec-Butylbenzene	16.632	105	52210m	0.103	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	274591	0.963	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	307969	0.945	ppbv #	65

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

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