Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
Data File : VL040739.D
Acq On : 4 Oct 2023 13:53
Operator : SY/MD
Sample : 04716-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:26:55 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.182	49	1069315	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2968645	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2607468	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1974991	9.804	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.000%			
Target Compounds						Qvalue
9) Propene	2.700	41	88532	1.764	ppbv	93
10) Heptane	7.571	43	165184	1.461	ppbv	100
13) Ethanol	3.246	45	38485m	2.591	ppbv	
15) Acetone	3.468	43	1322148	9.374	ppbv	99
20) Methylene Chloride	3.931	84	982223	12.938	ppbv	92
26) Hexane	5.205	57	498242	4.632	ppbv #	38
27) Carbon Disulfide	4.124	76	89033	0.594	ppbv #	83
29) Chloroform	5.262	83	48357	0.260	ppbv	92
30) Cyclohexane	6.590	84	892692	11.021	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	168360	0.887	ppbv	99
34) 2-Butanone	4.793	43	120425	0.807	ppbv	95
35) Carbon Tetrachloride	6.487	117	8779m	0.043	ppbv	
36) Benzene	6.362	78	112175	0.510	ppbv	96
38) Trichloroethene	7.282	130	14333m	0.171	ppbv	
52) Tetrachloroethene	10.600	164	46075m	0.643	ppbv	
53) Toluene	9.208	91	691872	2.981	ppbv	99
58) Ethyl Benzene	12.076	91	161265	0.542	ppbv	100
59) m/p-Xylene	12.323	91	518068m	1.856	ppbv	
60) o-Xylene	13.040	91	215459m	0.809	ppbv	
62) Isopropylbenzene	14.008	105	90039	0.224	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	77950m	0.290	ppbv	

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

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