Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039491.D
Acq On : 19 Jul 2022 21:15
Operator : SY/AP
Sample : N3750-04 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 05:41:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul (
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.681	49	1289450	10.000	ppbv		0.03
33) 1,4-Difluorobenzene	7.198	114	3626412	10.000	ppbv		0.04
55) Chlorobenzene-d5	12.102	117	3263177	10.000	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.433	95	2400405	9.916	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%				
Target Compounds							Qvalue
9) Propene	3.025	41	261774	3.543	ppbv		85
10) Heptane	8.147	43	85160	0.492	ppbv		94
15) Acetone	3.854	43	4158452	27.259	ppbv		97
17) tert-Butyl alcohol	4.295	59	62862m	0.486	ppbv		
19) Isopropyl Alcohol	3.970	45	1408637	17.311	ppbv		99
20) Methylene Chloride	4.353	84	141272	2.323	ppbv		94
26) Hexane	5.700	57	1802528	14.296	ppbv	#	38
27) Carbon Disulfide	4.558	76	54885	0.361	ppbv	#	90
28) Methyl tert-Butyl Ether	5.060	73	23201	0.172	ppbv		99
29) Chloroform	5.764	83	3798176	17.323	ppbv		99
32) 1,1,1-Trichloroethane	6.529	97	130763	0.604	ppbv		98
34) 2-Butanone	5.269	43	192055	1.052	ppbv		95
36) Benzene	6.915	78	170577	0.608	ppbv		92
38) Trichloroethene	7.899	130	39261484m	258.635	ppbv		
47) 1,1,2-Trichloroethane	9.491	97	30159m	0.256	ppbv		
52) Tetrachloroethene	11.246	164	1105513	9.785	ppbv		96
53) Toluene	9.828	91	118305	0.365	ppbv		97
59) m/p-Xylene	12.989	91	70849m	0.191	ppbv		
60) o-Xylene	13.706	91	37519	0.107	ppbv		96
74) 1,2,4-Trimethylbenzene	16.773	105	99660m	0.237	ppbv		

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

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