Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040496.D
Acq On : 22 Jun 2023 22:07
Operator : SY/MD
Sample : 03300-04 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 23 01:32:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.182	49	1019605	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.642	114	2517915	10.000	ppbv		-0.01
55) Chlorobenzene-d5	11.452	117	2397210	10.000	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.764	95	1977178	9.993	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.729	85	24693	0.111	ppbv		98
9) Propene	2.703	41	12863	0.250	ppbv		86
10) Heptane	7.568	43	17658	0.151	ppbv		86
11) Trichlorofluoromethane	3.555	101	22642m	0.125	ppbv		
13) Ethanol	3.234	45	1234973	115.806	ppbv		98
15) Acetone	3.462	43	1626606	13.227	ppbv		97
17) tert-Butyl alcohol	3.883	59	62497	0.618	ppbv		97
19) Isopropyl Alcohol	3.571	45	1502271	25.344	ppbv	#	95
20) Methylene Chloride	3.925	84	108152	2.061	ppbv		98
26) Hexane	5.205	57	82809	0.785	ppbv	#	56
27) Carbon Disulfide	4.118	76	17736	0.134	ppbv	#	74
34) 2-Butanone	4.777	43	483431	3.982	ppbv		100
36) Benzene	6.356	78	38886	0.194	ppbv	#	92
41) Tetrahydrofuran	5.552	42	43427	0.654	ppbv		94
50) 4-Methyl-2-Pentanone	8.172	43	74300m	0.457	ppbv		
51) 2-Hexanone	9.516	43	35245	0.312	ppbv	#	49
52) Tetrachloroethene	10.610	164	2518m	0.040	ppbv		
53) Toluene	9.211	91	346363	1.642	ppbv		100
58) Ethyl Benzene	12.079	91	113450	0.391	ppbv		95
59) m/p-Xylene	12.333	91	437511	1.639	ppbv		96
60) o-Xylene	13.044	91	157033	0.620	ppbv		99
61) Styrene	12.883	104	83043m	0.762	ppbv		
74) 1,2,4-Trimethylbenzene	16.095	105	47979m	0.162	ppbv		

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

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