Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
Data File : VL039913.D
Acq On : 21 Nov 2022 17:04
Operator : SY/AP
Sample : N5724-03 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:49:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Nov 22 03:45:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.166	49	992761	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	6.629	114	3119159	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.446	117	2791438	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.764	95	2248352	10.545	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.703	85	20062m	0.141	ppbv		
9) Propene	2.671	41	24759	0.384	ppbv		95
10) Heptane	7.558	43	48098m	0.309	ppbv		
13) Ethanol	3.227	45	8037m	1.631	ppbv		
15) Acetone	3.443	43	1374744	10.440	ppbv		99
20) Methylene Chloride	3.906	84	143013	2.242	ppbv		86
26) Hexane	5.189	57	412498	3.906	ppbv	#	34
30) Cyclohexane	6.574	84	20072m	0.194	ppbv		
34) 2-Butanone	4.774	43	48082	0.322	ppbv	#	87
36) Benzene	6.343	78	76002	0.287	ppbv		93
52) Tetrachloroethene	10.603	164	4628m	0.047	ppbv		
53) Toluene	9.201	91	384989	1.275	ppbv		100
58) Ethyl Benzene	12.069	91	82821	0.219	ppbv	#	88
59) m/p-Xylene	12.327	91	305013m	0.962	ppbv		
60) o-Xylene	13.040	91	166224	0.550	ppbv		100
64) n-propylbenzene	14.896	120	13924	0.122	ppbv		89
72) 4-Ethyltoluene	15.185	105	65194m	0.192	ppbv		
73) 1,3,5-Trimethylbenzene	15.336	105	73672	0.237	ppbv		89
74) 1,2,4-Trimethylbenzene	16.095	105	304465	0.925	ppbv	#	74
79) Naphthalene	21.387	128	24142m	0.122	ppbv		

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

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