Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
Data File : VL040076.D
Acq On : 9 Jan 2023 15:16
Operator : SY/MD
Sample : 01074-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
UR-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 00:47:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jan 10 00:22:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.188	49	1070965	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.655	114	2893782	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.471	117	2556310	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.783	95	1990921	10.196	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.716	85	38953	0.194	ppbv		92
4) Chloromethane	2.799	50	68075	0.688	ppbv		99
9) Propene	2.690	41	55898	0.834	ppbv	#	73
10) Heptane	7.577	43	25600m	0.156	ppbv		
11) Trichlorofluoromethane	3.555	101	40824	0.187	ppbv		98
13) Ethanol	3.234	45	376943	59.725	ppbv		96
15) Acetone	3.459	43	1798267	10.854	ppbv		98
19) Isopropyl Alcohol	3.578	45	103357m	1.266	ppbv		
20) Methylene Chloride	3.925	84	2707351	38.445	ppbv		97
26) Hexane	5.211	57	2939389	24.375	ppbv	#	36
30) Cyclohexane	6.600	84	20846m	0.195	ppbv		
34) 2-Butanone	4.787	43	108415	0.691	ppbv		98
35) Carbon Tetrachloride	6.487	117	10554m	0.059	ppbv		
36) Benzene	6.368	78	80150	0.310	ppbv		97
41) Tetrahydrofuran	5.561	42	95704	0.977	ppbv		99
44) 2,2,4-Trimethylpentane	7.333	57	45807m	0.108	ppbv		
52) Tetrachloroethene	10.632	164	3682m	0.042	ppbv		
53) Toluene	9.227	91	322563	1.127	ppbv		100
58) Ethyl Benzene	12.098	91	88435	0.243	ppbv		99
59) m/p-Xylene	12.352	91	257278m	0.813	ppbv		
60) o-Xylene	13.063	91	103270m	0.341	ppbv		
72) 4-Ethyltoluene	15.201	105	37751m	0.112	ppbv		
73) 1,3,5-Trimethylbenzene	15.358	105	52247m	0.172	ppbv		
74) 1,2,4-Trimethylbenzene	16.121	105	146436m	0.438	ppbv		
76) 1,4-Dichlorobenzene	16.487	146	19912m	0.111	ppbv		

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

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