Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037986.D
Acq On : 9 Nov 2021 19:28
Operator : SY/AP
Sample : M4555-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0U03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 04:49:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov (
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.665	49	1280716	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	7.173	114	3650722	10.000	ppbv		0.00
55) Chlorobenzene-d5	12.079	117	3120465	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.407	95	2183510	9.626	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.054	85	40097m	0.222	ppbv		
4) Chloromethane	3.150	50	64124m	0.708	ppbv		
9) Propene	3.025	41	120936	1.415	ppbv		83
10) Heptane	8.118	43	46370m	0.233	ppbv		
11) Trichlorofluoromethane	3.951	101	37318	0.208	ppbv		88
13) Ethanol	3.607	45	7446091	863.445	ppbv		92
15) Acetone	3.851	43	1892290	17.881	ppbv		95
19) Isopropyl Alcohol	3.973	45	367191	5.426	ppbv	#	96
20) Methylene Chloride	4.343	84	849628	14.624	ppbv		91
26) Hexane	5.687	57	789672	5.302	ppbv	#	52
29) Chloroform	5.751	83	592274	2.667	ppbv		98
34) 2-Butanone	5.250	43	79526	0.588	ppbv		94
35) Carbon Tetrachloride	7.012	117	14946m	0.068	ppbv		
36) Benzene	6.890	78	133986m	0.451	ppbv		
37) 1,2-Dichloroethane	6.311	62	42747m	0.302	ppbv		
44) 2,2,4-Trimethylpentane	7.867	57	102901	0.203	ppbv	#	72
52) Tetrachloroethene	11.221	164	5560m	0.049	ppbv		
53) Toluene	9.799	91	555947	1.744	ppbv		99
58) Ethyl Benzene	12.703	91	77993	0.204	ppbv		92
59) m/p-Xylene	12.963	91	202596m	0.597	ppbv		
60) o-Xylene	13.684	91	100011m	0.313	ppbv		
61) Styrene	13.532	104	24592m	0.167	ppbv		
74) 1,2,4-Trimethylbenzene	16.751	105	39806m	0.111	ppbv		

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

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