Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020322\
Data File : VL038332.D
Acq On : 3 Feb 2022 13:37
Operator : SY/AP
Sample : N1379-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022

Quant Time: Feb 04 08:38:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.655	49	809417	10.000	ppbv		-0.02
33) 1,4-Difluorobenzene	7.159	114	2185221	10.000	ppbv		-0.02
55) Chlorobenzene-d5	12.066	117	1882144	10.000	ppbv		#-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.394	95	1517055	10.620	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.044	85	75349	0.437	ppbv		97
3) Chlorodifluoromethane	2.983	51	71400m	0.443	ppbv		
4) Chloromethane	3.140	50	25248	0.455	ppbv		91
9) Propene	3.018	41	259285m	4.943	ppbv		
10) Heptane	8.105	43	38832	0.288	ppbv		94
11) Trichlorofluoromethane	3.947	101	33543	0.250	ppbv		93
12) 1,1,2-Trichlorotrifluo...	4.484	101	6060m	0.060	ppbv		
13) Ethanol	3.594	45	1194838	212.187	ppbv		97
15) Acetone	3.845	43	242407	3.397	ppbv	#	75
19) Isopropyl Alcohol	3.960	45	493007	11.045	ppbv		98
20) Methylene Chloride	4.336	84	40716	0.981	ppbv	#	92
26) Hexane	5.677	57	116536	1.254	ppbv	#	67
29) Chloroform	5.735	83	25115m	0.166	ppbv		
30) Cyclohexane	7.111	84	18998m	0.235	ppbv		
34) 2-Butanone	5.234	43	47192	0.660	ppbv	#	90
35) Carbon Tetrachloride	7.012	117	9372m	0.061	ppbv		
36) Benzene	6.877	78	154111	0.797	ppbv		98
44) 2,2,4-Trimethylpentane	7.851	57	133141	0.391	ppbv	#	84
52) Tetrachloroethene	11.201	164	4078m	0.061	ppbv		
53) Toluene	9.786	91	290722	1.359	ppbv		98
58) Ethyl Benzene	12.693	91	58653m	0.212	ppbv		
59) m/p-Xylene	12.947	91	173309m	0.734	ppbv		
60) o-Xylene	13.674	91	62496m	0.285	ppbv		
61) Styrene	13.497	104	10044m	0.098	ppbv		
74) 1,2,4-Trimethylbenzene	16.741	105	60471	0.278	ppbv	#	75

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

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