Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
Data File : VL038639.D
Acq On : 17 Mar 2022 23:45
Operator : SY/AP
Sample : N1965-10
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 03:40:25 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
C0PA7

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.674	49	832391	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	7.179	114	2153350	10.000	ppbv		0.02
55) Chlorobenzene-d5	12.089	117	2047627	10.000	ppbv	#	0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.417	95	1440403	9.252	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.057	85	16879	0.134	ppbv	#	86
4) Chloromethane	3.153	50	8946m	0.164	ppbv		
10) Heptane	8.131	43	23376m	0.189	ppbv		
11) Trichlorofluoromethane	3.960	101	19696	0.179	ppbv		89
13) Ethanol	3.610	45	125946	21.170	ppbv		97
15) Acetone	3.854	43	1024539	17.449	ppbv	#	63
20) Methylene Chloride	4.353	84	98495	2.788	ppbv		96
26) Hexane	5.693	57	145833	1.570	ppbv	#	42
27) Carbon Disulfide	4.558	76	196310	2.123	ppbv		99
29) Chloroform	5.758	83	48376	0.335	ppbv		92
30) Cyclohexane	7.134	84	18633m	0.232	ppbv		
32) 1,1,1-Trichloroethane	6.517	97	27496	0.196	ppbv		99
34) 2-Butanone	5.250	43	699774	12.537	ppbv		99
36) Benzene	6.896	78	27524	0.142	ppbv	#	92
44) 2,2,4-Trimethylpentane	7.870	57	327586	0.997	ppbv	#	80
51) 2-Hexanone	10.147	43	45036	0.931	ppbv	#	98
52) Tetrachloroethene	11.230	164	2530521	35.529	ppbv		96
53) Toluene	9.809	91	85623	0.413	ppbv		99
58) Ethyl Benzene	12.712	91	43375	0.164	ppbv		97
59) m/p-Xylene	12.970	91	55437m	0.244	ppbv		
60) o-Xylene	13.693	91	26037m	0.121	ppbv		

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

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