Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038826.D
Acq On : 6 Apr 2022 9:45
Operator : SY/AP
Sample : N2159-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 03:11:46 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr (
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-18D

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.680	49	1378162	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	7.188	114	3656875	10.000	ppbv		0.02
55) Chlorobenzene-d5	12.095	117	3159360	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.423	95	2553863	10.657	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.063	85	56569m	0.289	ppbv		
3) Chlorodifluoromethane	2.999	51	71722m	0.426	ppbv		
4) Chloromethane	3.156	50	50912	0.585	ppbv	#	80
9) Propene	3.034	41	56244	0.632	ppbv	#	81
10) Heptane	8.137	43	45703	0.204	ppbv		86
11) Trichlorofluoromethane	3.970	101	39040m	0.249	ppbv		
13) Ethanol	3.613	45	7193269	1330.142	ppbv	#	100
15) Acetone	3.867	43	423564m	3.087	ppbv		
17) tert-Butyl alcohol	4.311	59	34687m	0.282	ppbv		
19) Isopropyl Alcohol	3.983	45	397692	5.671	ppbv	#	100
20) Methylene Chloride	4.359	84	117662	2.365	ppbv		94
26) Hexane	5.697	57	427022	2.695	ppbv	#	43
27) Carbon Disulfide	4.565	76	101323	0.697	ppbv	#	81
29) Chloroform	5.761	83	167575	0.756	ppbv		93
30) Cyclohexane	7.137	84	22531m	0.161	ppbv		
34) 2-Butanone	5.253	43	45054m	0.312	ppbv		
35) Carbon Tetrachloride	7.031	117	18568m	0.085	ppbv		
36) Benzene	6.905	78	82830	0.249	ppbv	#	94
38) Trichloroethene	7.844	130	202207m	1.481	ppbv		
44) 2,2,4-Trimethylpentane	7.886	57	111545	0.198	ppbv	#	79
52) Tetrachloroethene	11.227	164	14152m	0.122	ppbv		
53) Toluene	9.819	91	683770	1.780	ppbv		98
58) Ethyl Benzene	12.719	91	75286m	0.159	ppbv		
59) m/p-Xylene	12.976	91	211730m	0.534	ppbv		
60) o-Xylene	13.703	91	78375m	0.211	ppbv		
69) p-Isopropyltoluene	17.664	119	61109m	0.107	ppbv		
74) 1,2,4-Trimethylbenzene	16.770	105	64875m	0.154	ppbv		

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

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