Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
Data File : VL038425.D
Acq On : 24 Feb 2022 2:36
Operator : SY/AP
Sample : N1605-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 24 07:34:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.645	49	768112	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	7.150	114	1875566	10.000	ppbv		0.00
55) Chlorobenzene-d5	12.053	117	1649593	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.384	95	1336772	9.794	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.041	85	31170	0.256	ppbv	#	87
3) Chlorodifluoromethane	2.980	51	42513m	0.313	ppbv		
4) Chloromethane	3.128	50	25912	0.550	ppbv		91
9) Propene	3.009	41	41572m	0.928	ppbv		
10) Heptane	8.095	43	41060	0.377	ppbv		91
11) Trichlorofluoromethane	3.935	101	25696m	0.221	ppbv		
13) Ethanol	3.587	45	1938614	433.763	ppbv		85
15) Acetone	3.832	43	539988	8.267	ppbv	#	80
17) tert-Butyl alcohol	4.288	59	12835m	0.197	ppbv		
19) Isopropyl Alcohol	3.947	45	4423145	116.936	ppbv	#	97
20) Methylene Chloride	4.330	84	34247	1.058	ppbv		84
26) Hexane	5.668	57	559516	7.041	ppbv	#	45
30) Cyclohexane	7.105	84	18413m	0.283	ppbv		
34) 2-Butanone	5.224	43	97742	1.657	ppbv		95
35) Carbon Tetrachloride	6.999	117	8168m	0.062	ppbv		
36) Benzene	6.864	78	129718	0.786	ppbv		98
44) 2,2,4-Trimethylpentane	7.838	57	99203	0.350	ppbv	#	79
53) Toluene	9.777	91	1057317	5.898	ppbv		99
58) Ethyl Benzene	12.677	91	44003	0.195	ppbv		100
59) m/p-Xylene	12.937	91	127677m	0.659	ppbv		
60) o-Xylene	13.658	91	48896	0.267	ppbv		98
72) 4-Ethyltoluene	15.799	105	23854m	0.118	ppbv		
74) 1,2,4-Trimethylbenzene	16.728	105	72514m	0.375	ppbv		

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

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