Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060122\
Data File : VL039146.D
Acq On : 1 Jun 2022 13:47
Operator : SY/AP
Sample : N3106-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 02 00:38:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.668	49	1133301	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	2712766	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2392024	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2018289	10.206	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	53827	0.270	ppbv	95
4) Chloromethane	3.150	50	44410m	0.600	ppbv	
9) Propene	3.031	41	668978m	10.640	ppbv	
10) Heptane	8.121	43	25456m	0.174	ppbv	
11) Trichlorofluoromethane	3.954	101	42308m	0.235	ppbv	
13) Ethanol	3.603	45	2456403	716.363	ppbv #	100
15) Acetone	3.848	43	3004157	25.447	ppbv	97
19) Isopropyl Alcohol	3.967	45	4373579	78.988	ppbv	99
20) Methylene Chloride	4.349	84	491226	9.874	ppbv	96
25) Ethyl Acetate	5.680	43	650516	2.445	ppbv #	95
29) Chloroform	5.758	83	29296m	0.149	ppbv	
30) Cyclohexane	7.134	84	73265m	0.746	ppbv	
34) 2-Butanone	5.250	43	463135	3.142	ppbv	100
35) Carbon Tetrachloride	7.021	117	13635m	0.069	ppbv	
36) Benzene	6.893	78	216834	0.985	ppbv	96
37) 1,2-Dichloroethane	6.307	62	866582	5.979	ppbv	98
41) Tetrahydrofuran	6.053	42	203752	2.299	ppbv	96
44) 2,2,4-Trimethylpentane	7.867	57	55546m	0.144	ppbv	
52) Tetrachloroethene	11.227	164	5618m	0.065	ppbv	
53) Toluene	9.806	91	739361	2.915	ppbv	98
58) Ethyl Benzene	12.709	91	84994m	0.258	ppbv	
59) m/p-Xylene	12.966	91	283291m	0.976	ppbv	
60) o-Xylene	13.687	91	98820	0.362	ppbv	93
72) 4-Ethyltoluene	15.831	105	32342m	0.101	ppbv	
73) 1,3,5-Trimethylbenzene	15.989	105	30734m	0.107	ppbv	
74) 1,2,4-Trimethylbenzene	16.760	105	92183m	0.287	ppbv	
76) 1,4-Dichlorobenzene	17.130	146	531977	2.929	ppbv	98

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

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