Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL042821\
Data File : VL036879.D
Acq On : 28 Apr 2021 14:42
Operator : SY/AP
Sample : M2201-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 12:01:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : IA1

Manual Integrations APPROVED
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4/29/2021 5:53:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1531876	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	3539671	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.11	117	3202898	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2532373	9.85	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	51775	0.215	ppbv		91
3) Chlorodifluoromethane	3.00	51	81036	0.290	ppbv	#	88
4) Chloromethane	3.15	50	51206	0.558	ppbv	#	84
9) Propene	3.03	41	2580093m	30.344	ppbv		
11) Trichlorofluoromethane	3.96	101	42021	0.195	ppbv		89
13) Ethanol	3.73	45	77375945	7135.761	ppbv	#	34
15) Acetone	3.86	43	4101050	28.404	ppbv		99
17) tert-Butyl alcohol	4.40	59	524915m	4.479	ppbv		
20) Methylene Chloride	4.36	84	393110	5.694	ppbv		94
26) Hexane	5.70	57	284264	1.723	ppbv	#	45
29) Chloroform	5.76	83	41293	0.161	ppbv		99
30) Cyclohexane	7.18	84	12773m	0.098	ppbv		
34) 2-Butanone	5.27	43	92180m	0.594	ppbv		
35) Carbon Tetrachloride	7.03	117	16259m	0.068	ppbv		
36) Benzene	6.91	78	52835	0.177	ppbv	#	89
52) Tetrachloroethene	11.24	164	3372m	0.033	ppbv		
53) Toluene	9.83	91	465173	1.491	ppbv		100

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

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