Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040221\
Data File : VL036670.D
Acq On : 3 Apr 2021 7:43
Operator : SY/AP
Sample : M1853-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SOFF-SG-03

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Quant Time: Apr 04 18:49:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1092669	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	2724308	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.05	117	2467763	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1930432	9.81	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	23839	0.134	ppbv		96
3) Chlorodifluoromethane	2.97	51	897315	4.395	ppbv	#	89
4) Chloromethane	3.12	50	44696	0.620	ppbv		97
9) Propene	3.00	41	90802m	1.395	ppbv		
10) Heptane	8.10	43	288639	1.741	ppbv		94
11) Trichlorofluoromethane	3.92	101	34976m	0.193	ppbv		
13) Ethanol	3.60	45	8277939	1068.089	ppbv		93
15) Acetone	3.83	43	973638m	9.053	ppbv		
17) tert-Butyl alcohol	4.29	59	23059	0.246	ppbv	#	72
19) Isopropyl Alcohol	3.96	45	9290314	157.038	ppbv	#	90
20) Methylene Chloride	4.32	84	140033	2.781	ppbv		95
26) Hexane	5.66	57	784598	6.613	ppbv	#	48
30) Cyclohexane	7.10	84	93726	0.974	ppbv		96
34) 2-Butanone	5.22	43	267312	2.010	ppbv		100
35) Carbon Tetrachloride	7.00	117	10754m	0.051	ppbv		
36) Benzene	6.86	78	224794	0.895	ppbv		97
41) Tetrahydrofuran	6.02	42	370323	6.040	ppbv		98
44) 2,2,4-Trimethylpentane	7.84	57	4862627	10.996	ppbv		97
53) Toluene	9.78	91	1450981	5.423	ppbv		100
58) Ethyl Benzene	12.68	91	158371	0.441	ppbv		97
59) m/p-Xylene	12.94	91	513653	1.640	ppbv		95
60) o-Xylene	13.66	91	239339	0.790	ppbv		98
61) Styrene	13.49	104	19300m	0.127	ppbv		
62) Isopropylbenzene	14.63	105	102610m	0.252	ppbv		
64) n-propylbenzene	15.54	120	23545m	0.236	ppbv		
65) tert-Butylbenzene	16.73	119	50572	0.143	ppbv	#	72
67) sec-Butylbenzene	17.27	105	51516m	0.103	ppbv		
72) 4-Ethyltoluene	15.81	105	112770m	0.340	ppbv		
73) 1,3,5-Trimethylbenzene	15.97	105	119173	0.385	ppbv		90
74) 1,2,4-Trimethylbenzene	16.73	105	416764	1.258	ppbv	#	69
79) Naphthalene	22.17	128	53542m	0.277	ppbv		

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

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