Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101220\
Data File : VL035759.D
Acq On : 12 Oct 2020 13:19
Operator : SY/AP
Sample : L4347-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 13 22:59:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 2
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1050404	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	4269321	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	4301377	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3299375	10.24	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	47096	0.273	ppbv	92
3) Chlorodifluoromethane	2.97	51	75022m	0.664	ppbv	
4) Chloromethane	3.12	50	33075	0.545	ppbv	96
9) Propene	3.00	41	761227	18.553	ppbv	88
10) Heptane	8.12	43	620094	5.421	ppbv	98
11) Trichlorofluoromethane	3.94	101	69840	0.284	ppbv	84
13) Ethanol	3.72	45	51901287m	5129.469	ppbv	
15) Acetone	3.84	43	12112838	107.169	ppbv #	81
17) tert-Butyl alcohol	4.44	59	1455256m	11.820	ppbv	
19) Isopropyl Alcohol	4.11	45	2129928m	34.642	ppbv	
20) Methylene Chloride	4.34	84	1758101	21.176	ppbv	95
25) Ethyl Acetate	5.66	43	3111661m	15.300	ppbv	
26) Hexane	5.68	57	1086163	9.746	ppbv #	56
27) Carbon Disulfide	4.54	76	299413	1.802	ppbv	99
29) Chloroform	5.75	83	314235	1.388	ppbv	93
30) Cyclohexane	7.12	84	167945	1.527	ppbv #	90
32) 1,1,1-Trichloroethane	6.51	97	140854	0.706	ppbv	96
34) 2-Butanone	5.24	43	2076025	14.702	ppbv	99
35) Carbon Tetrachloride	7.02	117	13491m	0.061	ppbv	
36) Benzene	6.89	78	957243	3.441	ppbv	98
38) Trichloroethene	7.83	130	10115m	0.073	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	541860	1.357	ppbv #	75
51) 2-Hexanone	10.16	43	859852	5.174	ppbv	98
52) Tetrachloroethene	11.23	164	109665	0.820	ppbv	99
53) Toluene	9.81	91	13396605	40.839	ppbv #	81
58) Ethyl Benzene	12.72	91	3118179	7.223	ppbv	95
59) m/p-Xylene	12.98	91	7236326	19.193	ppbv	98
60) o-Xylene	13.70	91	3544878	9.295	ppbv	99
61) Styrene	13.54	104	944538	3.582	ppbv	98
62) Isopropylbenzene	14.68	105	154413	0.261	ppbv	95
64) n-propylbenzene	15.58	120	88862	0.513	ppbv #	62
65) tert-Butylbenzene	16.78	119	165462	0.308	ppbv #	75
69) p-Isopropyltoluene	17.68	119	140648m	0.233	ppbv	
70) n-Butylbenzene	18.59	91	198257	0.319	ppbv #	59
72) 4-Ethyltoluene	15.85	105	423905	0.938	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	381207	0.893	ppbv	96
74) 1,2,4-Trimethylbenzene	16.78	105	1393909	2.896	ppbv #	71
78) Hexachloro-1,3-Butadiene	23.40	225	24790m	0.145	ppbv	
79) Naphthalene	22.24	128	126293	0.275	ppbv	96
80) Naphthalene,2-methyl-	24.99	142	24983	0.231	ppbv #	94

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

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