Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035612.D
Acq On : 14 Sep 2020 23:33
Operator : SY/AP
Sample : L3983-01 20X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 16:42:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 1
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : SV-8

Manual Integrations APPROVED
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9/17/2020 5:40:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1033669	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	4472164	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.14	117	4129263	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	3165179	10.79	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.90%				
Target Compounds							Qvalue
4) Chloromethane	3.12	50	9438	0.154	ppbv	#	85
5) Vinyl Chloride	3.24	62	138124	1.829	ppbv		98
9) Propene	3.00	41	132859	3.015	ppbv		89
10) Heptane	8.12	43	40904	0.346	ppbv	#	18
13) Ethanol	3.60	45	49002	4.484	ppbv		99
15) Acetone	3.84	43	4019068	35.254	ppbv		93
17) tert-Butyl alcohol	4.30	59	105462	0.760	ppbv		96
18) 1,1-Dichloroethene	4.28	96	429526	4.947	ppbv		97
19) Isopropyl Alcohol	3.97	45	36510	0.537	ppbv	#	93
20) Methylene Chloride	4.33	84	56232	0.662	ppbv		96
22) trans-1,2-Dichloroethene	4.87	96	728368	7.880	ppbv		95
26) Hexane	5.67	57	73247	0.642	ppbv	#	45
27) Carbon Disulfide	4.54	76	45029	0.275	ppbv	#	94
29) Chloroform	5.74	83	92830	0.399	ppbv		97
30) Cyclohexane	7.12	84	27265	0.223	ppbv	#	91
31) cis-1,2-Dichloroethene	5.54	61	10703306	91.421	ppbv	#	88
34) 2-Butanone	5.26	43	383252	2.888	ppbv		100
36) Benzene	6.89	78	133934	0.463	ppbv		93
38) Trichloroethene	7.83	130	15321943m	91.117	ppbv		
44) 2,2,4-Trimethylpentane	7.89	57	1479601	3.884	ppbv		96
50) 4-Methyl-2-Pentanone	8.75	43	503430	2.620	ppbv		98
52) Tetrachloroethene	11.23	164	27646349m	163.473	ppbv		
53) Toluene	9.81	91	439631	1.208	ppbv		98
58) Ethyl Benzene	12.75	91	105967m	0.249	ppbv		
59) m/p-Xylene	13.01	91	314540	0.884	ppbv		95
60) o-Xylene	13.73	91	110283	0.308	ppbv		98
72) 4-Ethyltoluene	15.87	105	50780	0.111	ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.02	105	34307m	0.081	ppbv		
74) 1,2,4-Trimethylbenzene	16.78	105	126290	0.273	ppbv	#	73

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

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