Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022421\
Data File : VL036366.D
Acq On : 25 Feb 2021 1:24
Operator : SY/AP
Sample : M1463-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-7

Manual Integrations APPROVED
MMDadoda
2/26/2021 4:17:54 PM

Quant Time: Feb 26 14:29:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1654861	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3637066	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3358905	10.00	ppbv	0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2683702	9.71	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	43305m	0.175	ppbv	
3) Chlorodifluoromethane	2.99	51	76568	0.372	ppbv #	86
4) Chloromethane	3.15	50	53008	0.534	ppbv	90
9) Propene	3.02	41	207521	2.707	ppbv	92
10) Heptane	8.14	43	264175m	1.169	ppbv	
11) Trichlorofluoromethane	3.96	101	50009m	0.207	ppbv	
13) Ethanol	3.63	45	5028589	349.224	ppbv	91
15) Acetone	3.86	43	1651581	8.165	ppbv	98
17) tert-Butyl alcohol	4.33	59	49959	0.318	ppbv #	88
19) Isopropyl Alcohol	3.99	45	4823644	43.041	ppbv #	98
20) Methylene Chloride	4.36	84	78419m	1.202	ppbv	
26) Hexane	5.70	57	271091	1.690	ppbv #	47
27) Carbon Disulfide	4.56	76	99754	0.676	ppbv #	89
30) Cyclohexane	7.15	84	47024m	0.352	ppbv	
34) 2-Butanone	5.27	43	124194m	0.514	ppbv	
35) Carbon Tetrachloride	7.03	117	13647m	0.056	ppbv	
36) Benzene	6.90	78	160653	0.520	ppbv #	90
44) 2,2,4-Trimethylpentane	7.89	57	1542818	2.746	ppbv #	89
52) Tetrachloroethene	11.24	164	8314m	0.074	ppbv	
53) Toluene	9.82	91	2363596	7.063	ppbv	100
58) Ethyl Benzene	12.73	91	561289	1.220	ppbv	96
59) m/p-Xylene	12.99	91	1590850	3.938	ppbv	95
60) o-Xylene	13.71	91	587838	1.522	ppbv	98
64) n-propylbenzene	15.59	120	42557m	0.299	ppbv	
72) 4-Ethyltoluene	15.86	105	190023m	0.442	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	111799	0.268	ppbv #	76
74) 1,2,4-Trimethylbenzene	16.79	105	561412	1.320	ppbv #	71

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

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