Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036196.D
Acq On : 23 Dec 2020 17:33
Operator : SY/AP
Sample : L5196-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Manual Integrations APPROVED
MMDadoda
12/26/2020 1:36:12 PM

Quant Time: Dec 25 23:40:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1160481	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2243689	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2069047	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1922201	11.70	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 117.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	25771m	0.191	ppbv	
3) Chlorodifluoromethane	2.96	51	107284	0.810	ppbv #	79
4) Chloromethane	3.12	50	34846	0.536	ppbv	92
9) Propene	3.00	41	111604m	1.683	ppbv	
10) Heptane	8.10	43	72977	0.431	ppbv	94
11) Trichlorofluoromethane	3.93	101	49188	0.309	ppbv #	80
13) Ethanol	3.60	45	751174	82.153	ppbv	84
15) Acetone	3.83	43	979949m	7.026	ppbv	
17) tert-Butyl alcohol	4.29	59	155274	1.149	ppbv #	93
19) Isopropyl Alcohol	3.97	45	766557	8.992	ppbv #	100
20) Methylene Chloride	4.32	84	696287	12.183	ppbv	94
26) Hexane	5.66	57	1863198	14.858	ppbv #	38
30) Cyclohexane	7.10	84	45349m	0.492	ppbv	
34) 2-Butanone	5.22	43	128033	0.860	ppbv	98
35) Carbon Tetrachloride	6.99	117	9494m	0.073	ppbv	
36) Benzene	6.87	78	141659	0.745	ppbv #	89
41) Tetrahydrofuran	6.03	42	20753m	0.235	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	686373m	1.993	ppbv	
52) Tetrachloroethene	11.20	164	2582m	0.038	ppbv	
53) Toluene	9.78	91	888260	4.160	ppbv	98
58) Ethyl Benzene	12.69	91	232349	0.819	ppbv	93
59) m/p-Xylene	12.94	91	743841m	3.115	ppbv	
60) o-Xylene	13.67	91	316146	1.405	ppbv	94
61) Styrene	13.50	104	111271	0.770	ppbv #	87
62) Isopropylbenzene	14.64	105	2364313	7.089	ppbv	97
73) 1,3,5-Trimethylbenzene	15.98	105	70995	0.305	ppbv	91
74) 1,2,4-Trimethylbenzene	16.74	105	282499	1.209	ppbv #	66

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

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