Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036481.D
Acq On : 25 Mar 2021 11:34
Operator : SY/AP
Sample : M1801-04DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 23:07:14 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1386032	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3287613	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2967364	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2311913	9.78	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	43234	0.191	ppbv		99
3) Chlorodifluoromethane	2.98	51	293331m	1.133	ppbv		
4) Chloromethane	3.13	50	61107	0.668	ppbv		95
9) Propene	3.02	41	298054m	3.610	ppbv		
10) Heptane	8.12	43	47571m	0.226	ppbv		
11) Trichlorofluoromethane	3.94	101	50159	0.218	ppbv	#	73
13) Ethanol	3.61	45	2193438	223.114	ppbv		94
15) Acetone	3.84	43	1099541	8.060	ppbv		98
19) Isopropyl Alcohol	3.98	45	542559	7.230	ppbv		99
20) Methylene Chloride	4.34	84	1738949	27.226	ppbv		94
26) Hexane	5.68	57	1100562	7.312	ppbv	#	49
29) Chloroform	5.75	83	40849m	0.170	ppbv		
30) Cyclohexane	7.12	84	37038m	0.303	ppbv		
31) cis-1,2-Dichloroethene	5.54	61	14326m	0.098	ppbv		
34) 2-Butanone	5.24	43	96441	0.601	ppbv	#	85
35) Carbon Tetrachloride	7.01	117	15510m	0.061	ppbv		
36) Benzene	6.89	78	78403m	0.259	ppbv		
38) Trichloroethene	7.83	130	7036m	0.060	ppbv		
44) 2,2,4-Trimethylpentane	7.86	57	205474	0.385	ppbv	#	77
52) Tetrachloroethene	11.22	164	197806m	1.772	ppbv		
53) Toluene	9.80	91	724109	2.243	ppbv		99
58) Ethyl Benzene	12.70	91	113823m	0.264	ppbv		
59) m/p-Xylene	12.96	91	478458	1.271	ppbv		99
60) o-Xylene	13.69	91	135140	0.371	ppbv		97
74) 1,2,4-Trimethylbenzene	16.76	105	125690m	0.315	ppbv		

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

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