Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036480.D
Acq On : 25 Mar 2021 10:50
Operator : SY/AP
Sample : M1801-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 23:01:53 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 :
IA1

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/28/2021
Supervised By :Mahesh Dadoda 03/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1421729	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3235917	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2860918	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2289569	10.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	36880	0.159	ppbv		89
3) Chlorodifluoromethane	2.98	51	307979m	1.159	ppbv		
4) Chloromethane	3.13	50	47535	0.507	ppbv	#	87
9) Propene	3.01	41	124385m	1.469	ppbv		
10) Heptane	8.12	43	44427	0.206	ppbv		93
11) Trichlorofluoromethane	3.94	101	49352	0.209	ppbv		90
13) Ethanol	3.60	45	1637129	162.345	ppbv		92
15) Acetone	3.84	43	961822	6.874	ppbv		99
19) Isopropyl Alcohol	3.97	45	568444	7.385	ppbv		100
20) Methylene Chloride	4.34	84	259424	3.960	ppbv		97
26) Hexane	5.68	57	365365	2.367	ppbv	#	52
29) Chloroform	5.74	83	41383	0.168	ppbv		98
30) Cyclohexane	7.12	84	36151m	0.289	ppbv		
31) cis-1,2-Dichloroethene	5.54	61	14372m	0.096	ppbv		
34) 2-Butanone	5.24	43	105555	0.668	ppbv		95
35) Carbon Tetrachloride	7.01	117	15824m	0.064	ppbv		
36) Benzene	6.88	78	77536	0.260	ppbv		95
38) Trichloroethene	7.83	130	8082m	0.070	ppbv		
44) 2,2,4-Trimethylpentane	7.86	57	221046	0.421	ppbv	#	83
52) Tetrachloroethene	11.22	164	222671m	2.026	ppbv		
53) Toluene	9.80	91	805958	2.536	ppbv		98
58) Ethyl Benzene	12.70	91	124044m	0.298	ppbv		
59) m/p-Xylene	12.97	91	528835m	1.457	ppbv		
60) o-Xylene	13.69	91	155249m	0.442	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	128495m	0.334	ppbv		

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

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