Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL042721\
Data File : VL036859.D
Acq On : 27 Apr 2021 15:54
Operator : SY/AP
Sample : M2172-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 16:00:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/29/2021
Supervised By :Mahesh Dadoda 04/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1314435	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.18	114	3168903	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2788295	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2195916	9.81	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	41069	0.198	ppbv		94
3) Chlorodifluoromethane	2.99	51	67781m	0.283	ppbv		
4) Chloromethane	3.15	50	36379	0.462	ppbv		95
5) Vinyl Chloride	3.26	62	12784m	0.161	ppbv		
9) Propene	3.02	41	74462	1.021	ppbv		89
10) Heptane	8.13	43	19842m	0.108	ppbv		
11) Trichlorofluoromethane	3.96	101	49099	0.266	ppbv		86
13) Ethanol	3.62	45	66320	7.128	ppbv		82
15) Acetone	3.86	43	660046	5.328	ppbv		99
18) 1,1-Dichloroethene	4.30	96	6874m	0.128	ppbv		
19) Isopropyl Alcohol	3.99	45	98002m	1.597	ppbv		
20) Methylene Chloride	4.35	84	435777	7.356	ppbv		97
22) trans-1,2-Dichloroethene	4.89	96	11762m	0.218	ppbv		
26) Hexane	5.69	57	462986	3.270	ppbv	#	44
29) Chloroform	5.75	83	109773	0.497	ppbv		89
30) Cyclohexane	7.17	84	37181m	0.331	ppbv		
31) cis-1,2-Dichloroethene	5.55	61	1168916	9.198	ppbv		98
34) 2-Butanone	5.25	43	635431	4.578	ppbv		98
35) Carbon Tetrachloride	7.02	117	17643m	0.082	ppbv		
36) Benzene	6.90	78	77411m	0.290	ppbv		
38) Trichloroethene	7.84	130	3641m	0.038	ppbv		
41) Tetrahydrofuran	6.07	42	42037m	0.692	ppbv		
44) 2,2,4-Trimethylpentane	7.87	57	72158	0.158	ppbv	#	66
52) Tetrachloroethene	11.22	164	35422m	0.390	ppbv		
53) Toluene	9.82	91	241063	0.863	ppbv		96
59) m/p-Xylene	12.97	91	83533m	0.264	ppbv		
60) o-Xylene	13.70	91	38280m	0.125	ppbv		

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

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