Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036577.D
Acq On : 30 Mar 2021 19:55
Operator : SY/AP
Sample : M1797-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 21:08:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : MF-SG-08(2021)

Manual Integrations APPROVED
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4/1/2021 10:58:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1460028	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3341577	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3087416	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2491212	10.12	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	38742	0.163	ppbv	94
3) Chlorodifluoromethane	2.98	51	71228m	0.261	ppbv	
4) Chloromethane	3.13	50	21325	0.221	ppbv #	76
11) Trichlorofluoromethane	3.93	101	54250	0.224	ppbv	94
13) Ethanol	3.60	45	3009726	290.630	ppbv	93
15) Acetone	3.83	43	5682572	39.544	ppbv	99
17) tert-Butyl alcohol	4.30	59	117225m	0.937	ppbv	
19) Isopropyl Alcohol	3.97	45	495529	6.269	ppbv #	1
20) Methylene Chloride	4.33	84	829833	12.334	ppbv	97
24) 1,1-Dichloroethane	5.00	63	17333m	0.097	ppbv	
26) Hexane	5.67	57	1437256	9.065	ppbv #	47
27) Carbon Disulfide	4.54	76	15044	0.096	ppbv #	86
29) Chloroform	5.74	83	275304	1.086	ppbv	86
32) 1,1,1-Trichloroethane	6.50	97	80400m	0.315	ppbv	
34) 2-Butanone	5.23	43	281503	1.726	ppbv	94
35) Carbon Tetrachloride	7.00	117	12139m	0.047	ppbv	
36) Benzene	6.87	78	38239	0.124	ppbv	96
38) Trichloroethene	7.81	130	13074m	0.109	ppbv	
40) 1,4-Dioxane	7.84	88	8739m	0.300	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	112099	0.207	ppbv #	83
50) 4-Methyl-2-Pentanone	8.73	43	58911m	0.250	ppbv	
52) Tetrachloroethene	11.20	164	73248m	0.645	ppbv	
53) Toluene	9.79	91	221785	0.676	ppbv	99
58) Ethyl Benzene	12.69	91	72785m	0.162	ppbv	
59) m/p-Xylene	12.95	91	127489m	0.325	ppbv	
60) o-Xylene	13.67	91	55291	0.146	ppbv	94
69) p-Isopropyltoluene	17.64	119	98504	0.202	ppbv #	80
79) Naphthalene	22.19	128	100153m	0.414	ppbv	

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

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