Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036581.D
Acq On : 28 Jan 2020 19:10
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV34

Quant Time: Jan 29 05:02:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 29 04:26:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276777	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126442	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	106788	51.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.02%			
7) Chloroethane-d5	1.93	69	90811	51.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.10%			
11) 1,1-Dichloroethene-d2	2.60	63	171887	51.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.56%			
21) 2-Butanone-d5	4.68	46	128749	104.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.63%			
24) Chloroform-d	5.11	84	173705	51.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.34%			
26) 1,2-Dichloroethane-d4	5.75	65	106426	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.60%			
32) Benzene-d6	5.77	84	378550	51.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.96%			
36) 1,2-Dichloropropane-d6	6.73	67	118487	52.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.42%			
41) Toluene-d8	7.93	98	367077	52.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.78%			
43) trans-1,3-Dichloropropene-	8.21	79	56532	52.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.74%			
47) 2-Hexanone-d5	8.66	63	113774	108.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.11%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	173665	52.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.10%			
64) 1,2-Dichlorobenzene-d4	12.21	152	136006	50.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	103763	49.217	ug/L	100
3) Chloromethane	1.54	50	109558	48.815	ug/L	99
5) Vinyl chloride	1.62	62	122096	51.019	ug/L	100
6) Bromomethane	1.87	94	75473	53.754	ug/L	97
8) Chloroethane	1.95	64	72658	50.377	ug/L	100
9) Trichlorofluoromethane	2.16	101	142869	50.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	86816	49.630	ug/L	100
12) 1,1-Dichloroethene	2.61	96	87779	51.026	ug/L	94
13) Acetone	2.66	43	112871	94.761	ug/L	99
14) Carbon disulfide	2.82	76	266970	51.364	ug/L	100
15) Methyl Acetate	2.99	43	96197	51.653	ug/L	99
16) Methylene chloride	3.08	84	104067	49.875	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	94470	51.120	ug/L	99
18) Methyl tert-butyl Ether	3.41	73	296339	50.071	ug/L	99
19) 1,1-Dichloroethane	3.92	63	167519	50.843	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	108006	51.416	ug/L	99
22) 2-Butanone	4.76	43	146673	102.486	ug/L	99

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Instrument : MSVOA_U
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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	55579	50.928	ug/L	98
25) Chloroform	5.13	83	170834	50.558	ug/L	98
27) 1,2-Dichloroethane	5.84	62	126313	49.954	ug/L	100
29) Cyclohexane	5.43	56	150682	50.861	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	141442	52.037	ug/L	100
31) Carbon tetrachloride	5.57	117	121424	51.999	ug/L	99
33) Benzene	5.82	78	400312	51.715	ug/L	100
34) Trichloroethene	6.58	95	102628	51.509	ug/L	99
35) Methylcyclohexane	6.80	83	167509	50.408	ug/L	99
37) 1,2-Dichloropropane	6.83	63	100630	51.150	ug/L	99
38) Bromodichloromethane	7.14	83	127986	51.777	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	160422	50.611	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	261780	103.650	ug/L	100
42) Toluene	8.00	91	437643	52.016	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	144438	51.929	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	100593	50.975	ug/L	99
46) Tetrachloroethene	8.58	164	83399	51.526	ug/L	99
48) 2-Hexanone	8.72	43	203979	107.370	ug/L	99
49) Dibromochloromethane	8.84	129	109867	52.595	ug/L	100
50) 1,2-Dibromoethane	8.95	107	109018	51.250	ug/L	99
51) Chlorobenzene	9.47	112	282035	51.368	ug/L	99
52) Ethylbenzene	9.60	91	477325	51.789	ug/L	99
53) m,p-Xylene	9.72	106	187025	52.026	ug/L	100
54) o-xylene	10.12	106	185756	51.803	ug/L	99
55) Styrene	10.14	104	305864	52.562	ug/L	99
56) Isopropylbenzene	10.51	105	477727	52.401	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	174657	51.337	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	133803	50.311	ug/L	100
61) Bromoform	10.32	173	82847	49.268	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	215044	50.122	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	213249	50.486	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	218435	50.231	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	36908	53.158	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	151570	51.438	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	116885	55.664	ug/L	99
69) Naphthalene	14.10	128	341591	56.216	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	118929	54.958	ug/L	100

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

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