Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
Data File : VU032324.D
Acq On : 28 May 2019 13:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: May 29 05:23:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 05:19:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	842809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	826522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	412199	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	299532	48.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.44%			
7) Chloroethane-d5	1.67	69	240278	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.27	63	525553	47.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.24%			
21) 2-Butanone-d5	4.17	46	420173	102.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.77%			
24) Chloroform-d	4.64	84	525808	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.72%			
26) 1,2-Dichloroethane-d4	5.31	65	316699	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.44%			
32) Benzene-d6	5.33	84	1084894	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
36) 1,2-Dichloropropane-d6	6.32	67	335740	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.78%			
41) Toluene-d8	7.56	98	1032198	51.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.06%			
43) trans-1,3-Dichloropropene-	7.85	79	159470	51.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.50%			
47) 2-Hexanone-d5	8.31	63	305812	108.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	502946	48.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.82%			
64) 1,2-Dichlorobenzene-d4	11.85	152	406484	48.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	323371	49.452	ug/L	98
3) Chloromethane	1.32	50	329438	47.542	ug/L	99
5) Vinyl chloride	1.40	62	346290	49.001	ug/L	99
6) Bromomethane	1.61	94	226257	50.065	ug/L	97
8) Chloroethane	1.69	64	200070	46.810	ug/L	98
9) Trichlorofluoromethane	1.88	101	436093	49.201	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	259400	48.493	ug/L	100
12) 1,1-Dichloroethene	2.28	96	263303	48.264	ug/L	89
13) Acetone	2.32	43	373857	97.030	ug/L	98
14) Carbon disulfide	2.47	76	790943	48.317	ug/L	97
15) Methyl Acetate	2.61	43	307303	49.908	ug/L	98
16) Methylene chloride	2.69	84	302505	47.570	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	277661	49.404	ug/L	93
18) Methyl tert-butyl Ether	3.00	73	854055	50.192	ug/L	99
19) 1,1-Dichloroethane	3.44	63	500931	49.070	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	312217	49.561	ug/L	100
22) 2-Butanone	4.26	43	483623	104.220	ug/L	100

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: May 29 05:23:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 05:19:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	160934	48.416 ug/L	96
25) Chloroform	4.67	83	520718	49.040 ug/L	98
27) 1,2-Dichloroethane	5.40	62	385154	48.732 ug/L	100
29) Cyclohexane	4.99	56	446967	52.950 ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	436228	50.386 ug/L	99
31) Carbon tetrachloride	5.13	117	375304	50.624 ug/L	99
33) Benzene	5.38	78	1164538	50.347 ug/L	100
34) Trichloroethene	6.18	95	303900	50.855 ug/L	97
35) Methylcyclohexane	6.41	83	475525	52.373 ug/L	99
37) 1,2-Dichloropropane	6.43	63	299444	49.565 ug/L	100
38) Bromodichloromethane	6.75	83	389188	50.128 ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	455214	50.980 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	852667	108.205 ug/L	100
42) Toluene	7.63	91	1292115	51.311 ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	407719	52.135 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	295924	50.097 ug/L	97
46) Tetrachloroethene	8.22	164	245805	50.631 ug/L	98
48) 2-Hexanone	8.36	43	702871	109.336 ug/L	99
49) Dibromochloromethane	8.47	129	323734	50.600 ug/L	97
50) 1,2-Dibromoethane	8.58	107	324638	52.101 ug/L	100
51) Chlorobenzene	9.12	112	820638	50.545 ug/L	99
52) Ethylbenzene	9.24	91	1416727	52.699 ug/L	100
53) m,p-Xylene	9.37	106	559851	54.127 ug/L	100
54) o-xylene	9.77	106	549319	52.915 ug/L	99
55) Styrene	9.79	104	944616	54.240 ug/L	98
56) Isopropylbenzene	10.16	105	1409664	53.514 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	506298	49.638 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	399113	49.803 ug/L	100
61) Bromoform	9.95	173	249669	47.554 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	641575	50.809 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	658203	50.502 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	664734	50.007 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	117942	54.149 ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	503197	53.421 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	413472	57.122 ug/L	98
69) Naphthalene	13.74	128	1356215	62.583 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	455007	58.118 ug/L	97

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

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