Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
Data File : VU026218.D
Acq On : 20 Aug 2018 19:34
Operator : MD/SY
Sample : VU0820WBS02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0820WBS02

Manual Integrations APPROVED

MMDadoda

Quant Time: Aug 21 08:51:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

8/21/2018 11:38:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	32864	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	11446	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	13432	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	28094	2.20	ug/l		100
3) Chloromethane	1.33	50	23274	2.13	ug/l		99
4) Vinyl Chloride	1.40	62	23122	2.12	ug/l		100
5) Bromomethane	1.63	94	15642	2.61	ug/l		98
6) Chloroethane	1.70	64	13676	2.09	ug/l		98
7) Trichlorofluoromethane	1.89	101	33842	2.10	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	19015	2.13	ug/l		99
9) 1,1-Dichloroethene	2.29	96	15604	2.04	ug/l		94
10) Iodomethane	2.41	142	20513	1.91	ug/l		92
11) Allyl Chloride	2.59	41	28764	2.24	ug/l		90
12) Acrylonitrile	2.94	53	6840	3.95	ug/l		94
13) Acetone	2.32	43	15468	9.95	ug/l		97
14) Carbon Disulfide	2.48	76	54638	2.07	ug/l		99
15) Methylene Chloride	2.70	84	18753	1.99	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	18027	2.04	ug/l		94
17) 1,1-Dichloroethane	3.45	63	36345	2.25	ug/l		96
18) 2-Butanone	4.28	43	26267	10.60	ug/l		98
19) Cyclohexane	5.00	56	23365	1.97	ug/l		86
20) Methylcyclohexane	6.42	83	27315	1.96	ug/l		96
21) 2,2-Dichloropropane	4.23	77	32528	1.96	ug/l		97
22) cis-1,2-Dichloroethene	4.23	96	22137	2.07	ug/l		95
23) Diethyl Ether	2.10	59	12536	2.15	ug/l		97
24) tert-Butyl Alcohol	2.83	59	12551	20.98	ug/l	#	81
25) Methyl tert-Butyl Ether	3.01	73	41785	2.10	ug/l		98
26) Bromochloromethane	4.55	128	10183	2.13	ug/l		78
27) Chloroform	4.68	83	39892	2.14	ug/l		100
28) 1,1,1-Trichloroethane	4.92	97	35432	2.13	ug/l		98
29) 1,1-Dichloropropene	5.14	75	26483	2.02	ug/l		98
30) Carbon Tetrachloride	5.14	117	33725	2.15	ug/l		99
31) Isopropyl Ether	3.58	45	54319	2.04	ug/l		92
32) Ethyl-t-butyl ether	4.08	59	45955	1.97	ug/l		94
33) Tert-Amyl methyl ether	5.59	73	39848	2.00	ug/l		99
34) Propionitrile	4.34	54	7250	10.28	ug/l	#	89
35) Benzene	5.39	78	79175	2.09	ug/l		99
36) 1,2-Dichloroethane	5.41	62	25041	2.13	ug/l		98
37) Trichloroethene	6.19	130	21820	2.05	ug/l		100
38) 1,2-Dichloropropane	6.44	63	20277	2.07	ug/l		97
39) Methacrylonitrile	4.55	41	6176	2.07	ug/l		94
40) Methyl acrylate	4.43	55	9399	2.08	ug/l	#	95
41) Tetrahydrofuran	4.65	42	6189	3.74	ug/l		92
42) 1-Chlorobutane	5.07	56	37718	2.13	ug/l		97

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ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 21 08:51:49 2018
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
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Instrument : MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	11318	2.17	ug/l		97
44) Bromodichloromethane	6.76	83	28223	2.10	ug/l		94
45) 4-Methyl-2-Pentanone	7.47	43	52999	10.03	ug/l		98
46) t-1,4-Dichloro-2-butene	10.51	75	9486m	3.96	ug/l		
47) Methyl methacrylate	6.63	69	16496	4.14	ug/l		97
48) Ethyl methacrylate	8.02	69	14915	2.05	ug/l		97
49) Toluene	7.64	92	44203	2.04	ug/l		96
50) t-1,3-Dichloropropene	7.89	75	22660	1.97	ug/l		95
51) cis-1,3-Dichloropropene	7.27	75	27146	2.04	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	15633	2.21	ug/l		93
53) 1,3-Dichloropropane	8.25	76	23629	2.01	ug/l		97
54) 2-Hexanone	8.37	43	36751	9.77	ug/l		97
55) Dibromochloromethane	8.48	129	19838	2.10	ug/l		98
56) 1,2-Dibromoethane	8.59	107	14364	2.09	ug/l		99
58) Tetrachloroethene	8.23	164	21625	2.15	ug/l		92
59) Chlorobenzene	9.12	112	51690	2.06	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	21572	2.16	ug/l		99
61) Pentachloroethane	11.10	117	17078	2.00	ug/l		100
62) Hexachloroethane	12.15	117	17475	2.06	ug/l		95
63) Ethyl Benzene	9.25	91	77280	1.94	ug/l		100
64) m/p-Xylenes	9.38	106	62612	3.95	ug/l		99
65) o-Xylene	9.78	106	31221	2.06	ug/l		92
66) Styrene	9.80	104	52925	2.04	ug/l		99
67) Bromoform	9.96	173	11817	2.12	ug/l	#	98
69) Isopropylbenzene	10.17	105	78988	1.98	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	18763	2.12	ug/l		97
71) 1,2,3-Trichloropropane	10.50	75	16184m	2.55	ug/l		
72) Bromobenzene	10.45	156	22782	2.04	ug/l		95
73) n-propylbenzene	10.59	120	23082	1.97	ug/l		97
74) 2-Chlorotoluene	10.66	126	22615	2.14	ug/l		84
75) 1,3,5-Trimethylbenzene	10.77	105	72399	2.04	ug/l		99
76) 4-Chlorotoluene	10.77	126	22508	2.08	ug/l		100
77) tert-Butylbenzene	11.10	119	70519	1.99	ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	74330	2.02	ug/l		100
79) sec-Butylbenzene	11.33	105	94538	2.04	ug/l		97
80) Nitrobenzene	12.86	77	3694	9.54	ug/l	#	94
81) p-Isopropyltoluene	11.48	119	78415	2.00	ug/l		96
82) 1,3-Dichlorobenzene	11.42	146	49182	2.09	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	51028	2.17	ug/l		99
84) n-Butylbenzene	11.89	91	76484	2.01	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	45592	2.11	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3489	2.24	ug/l		85
87) 1,2,4-Trichlorobenzene	13.51	180	29095	1.91	ug/l		99
88) Hexachlorobutadiene	13.69	225	18945	2.03	ug/l		99
89) Naphthalene	13.74	128	42856	1.79	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	27916	1.95	ug/l		99

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

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