Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040219\
Data File : VU030609.D
Acq On : 02 Apr 2019 18:58
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Quant Time: Apr 03 02:08:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	35350	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	12895	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	11806	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery = 82.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	25600	1.921	ug/l	95
3) Chloromethane	1.32	50	32415	2.146	ug/l	100
4) Vinyl Chloride	1.40	62	30041	2.253	ug/l	98
5) Bromomethane	1.63	94	13095	1.782	ug/l	98
6) Chloroethane	1.70	64	17218	2.252	ug/l	93
7) Trichlorofluoromethane	1.88	101	34127	2.005	ug/l	92
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16947	1.860	ug/l	99
9) 1,1-Dichloroethene	2.28	96	17348	1.930	ug/l	96
10) Iodomethane	2.41	142	20621	2.454	ug/l	99
11) Allyl Chloride	2.59	41	37462	2.680	ug/l	100
12) Acrylonitrile	2.94	53	10718	5.059	ug/l	96
13) Acetone	2.32	43	27644	14.792	ug/l	97
14) Carbon Disulfide	2.47	76	61978	1.967	ug/l	100
15) Methylene Chloride	2.70	84	23475	2.174	ug/l	90
16) trans-1,2-Dichloroethene	2.98	96	19275	1.867	ug/l	98
17) 1,1-Dichloroethane	3.44	63	40032	2.209	ug/l	98
18) 2-Butanone	4.28	43	32550	12.497	ug/l	98
19) Cyclohexane	4.98	56	31904m	2.054	ug/l	
20) Methylcyclohexane	6.41	83	24589	1.509	ug/l	93
21) 2,2-Dichloropropane	4.22	77	31833	2.109	ug/l	96
22) cis-1,2-Dichloroethene	4.22	96	19757	1.720	ug/l	95
23) Diethyl Ether	2.10	59	17927	2.523	ug/l	94
24) tert-Butyl Alcohol	2.83	59	20284	25.794	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	53369	2.262	ug/l	100
26) Bromochloromethane	4.55	128	8892	1.777	ug/l	99
27) Chloroform	4.67	83	37374	1.992	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	31108	2.028	ug/l	98
29) 1,1-Dichloropropene	5.13	75	25509	1.830	ug/l	98
30) Carbon Tetrachloride	5.13	117	26770	1.959	ug/l	96
31) Isopropyl Ether	3.58	45	63797	2.404	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	51201	2.084	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	41884	1.899	ug/l	98
34) Propionitrile	4.34	54	8314	11.683	ug/l #	94
35) Benzene	5.38	78	79272	1.945	ug/l	99
36) 1,2-Dichloroethane	5.40	62	25822	2.282	ug/l	97
37) Trichloroethene	6.18	130	18040	1.583	ug/l	89
38) 1,2-Dichloropropane	6.43	63	22120	2.085	ug/l	94
39) Methacrylonitrile	4.56	41	8195	2.575	ug/l	92
40) Methyl acrylate	4.43	55	9980	2.067	ug/l #	87
41) Tetrahydrofuran	4.66	42	9357	5.330	ug/l	92
42) 1-Chlorobutane	5.06	56	38238	2.028	ug/l	91

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Instrument :
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ClientSampleId :
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Quant Time: Apr 03 02:08:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	10436	1.930 ug/l		97
44) Bromodichloromethane	6.76	83	27364	2.103 ug/l		96
45) 4-Methyl-2-Pentanone	7.46	43	73089	12.480 ug/l		99
46) t-1,4-Dichloro-2-butene	10.50	75	11353m	5.317 ug/l		
47) Methyl methacrylate	6.63	69	18521	3.983 ug/l		96
48) Ethyl methacrylate	8.02	69	16925	1.964 ug/l		98
49) Toluene	7.63	92	43118	1.780 ug/l		94
50) t-1,3-Dichloropropene	7.88	75	23641	2.035 ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	27913	1.929 ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	14931	1.965 ug/l		98
53) 1,3-Dichloropropane	8.24	76	25988	2.014 ug/l		98
54) 2-Hexanone	8.37	43	48215	11.603 ug/l		95
55) Dibromochloromethane	8.47	129	17361	1.922 ug/l		93
56) 1,2-Dibromoethane	8.59	107	13191	1.820 ug/l		92
58) Tetrachloroethene	8.22	164	16707	1.626 ug/l		96
59) Chlorobenzene	9.12	112	45074	1.650 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	17641	1.811 ug/l		98
61) Pentachloroethane	11.10	117	13860	1.844 ug/l		98
62) Hexachloroethane	12.14	117	12910	1.733 ug/l		98
63) Ethyl Benzene	9.25	91	74814	1.647 ug/l		100
64) m/p-Xylenes	9.37	106	53381	3.038 ug/l		97
65) o-Xylene	9.77	106	26633	1.546 ug/l		96
66) Styrene	9.79	104	43778	1.540 ug/l		98
67) Bromoform	9.96	173	9487	1.851 ug/l		99
69) Isopropylbenzene	10.16	105	70668	1.564 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.45	83	20429	2.150 ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	15291m	2.137 ug/l		
72) Bromobenzene	10.45	156	18798	1.610 ug/l		95
73) n-propylbenzene	10.58	120	17858	1.408 ug/l		91
74) 2-Chlorotoluene	10.66	126	18013	1.618 ug/l		91
75) 1,3,5-Trimethylbenzene	10.77	105	59208	1.541 ug/l		99
76) 4-Chlorotoluene	10.77	126	17128	1.510 ug/l		96
77) tert-Butylbenzene	11.10	119	58390	1.561 ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	59815	1.530 ug/l		100
79) sec-Butylbenzene	11.32	105	76897	1.530 ug/l		100
80) Nitrobenzene	12.88	77	2365	11.859 ug/l	#	79
81) p-Isopropyltoluene	11.47	119	59873	1.433 ug/l		98
82) 1,3-Dichlorobenzene	11.41	146	35541	1.514 ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	34540	1.463 ug/l		98
84) n-Butylbenzene	11.89	91	59872	1.511 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	33009	1.508 ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3326	2.401 ug/l		85
87) 1,2,4-Trichlorobenzene	13.50	180	18946	1.226 ug/l		94
88) Hexachlorobutadiene	13.69	225	11497	1.361 ug/l		97
89) Naphthalene	13.74	128	32781	1.343 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	18876	1.334 ug/l		100

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

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