Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029849.D
Acq On : 07 Mar 2019 12:11
Operator : JC/SP
Sample : VU0308WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0308WBS01

Manual Integrations APPROVED
MMDadoda
3/8/2019 11:47:50 AM

Quant Time: Mar 08 02:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61452	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21568	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	24892	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	37157	1.807	ug/l	95
3) Chloromethane	1.33	50	33184	1.812	ug/l	99
4) Vinyl Chloride	1.40	62	38464	1.867	ug/l	98
5) Bromomethane	1.63	94	26068	1.853	ug/l	96
6) Chloroethane	1.70	64	23924	1.937	ug/l	98
7) Trichlorofluoromethane	1.88	101	52689	1.877	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	31252	1.914	ug/l	99
9) 1,1-Dichloroethene	2.28	96	30286	1.895	ug/l	97
10) Iodomethane	2.41	142	24455	1.872	ug/l	100
11) Allyl Chloride	2.59	41	41478	1.846	ug/l	99
12) Acrylonitrile	2.93	53	13322	3.822	ug/l	96
13) Acetone	2.32	43	25340	8.778	ug/l	98
14) Carbon Disulfide	2.47	76	95045	1.836	ug/l	98
15) Methylene Chloride	2.70	84	35989	1.876	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	33773	1.870	ug/l	98
17) 1,1-Dichloroethane	3.44	63	56651	1.875	ug/l	99
18) 2-Butanone	4.28	43	33789	8.613	ug/l	96
19) Cyclohexane	4.98	56	43675m	1.862	ug/l	
20) Methylcyclohexane	6.41	83	50663	1.854	ug/l	99
21) 2,2-Dichloropropane	4.22	77	46033	1.864	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	35578	1.859	ug/l	99
23) Diethyl Ether	2.10	59	22351	1.865	ug/l	98
24) tert-Butyl Alcohol	2.83	59	22897	18.523	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	75429	1.874	ug/l	100
26) Bromochloromethane	4.54	128	16557	1.949	ug/l	97
27) Chloroform	4.67	83	56238	1.838	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	49184	1.896	ug/l	98
29) 1,1-Dichloropropene	5.13	75	40913	1.775	ug/l	96
30) Carbon Tetrachloride	5.13	117	42381	1.873	ug/l	97
31) Isopropyl Ether	3.58	45	78929	1.894	ug/l	96
32) Ethyl-t-butyl ether	4.07	59	74410	1.837	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	70639	1.886	ug/l	98
34) Propionitrile	4.34	54	10225	8.762	ug/l #	97
35) Benzene	5.38	78	128661	1.895	ug/l	98
36) 1,2-Dichloroethane	5.40	62	34612	1.866	ug/l	98
37) Trichloroethene	6.18	130	37495	1.891	ug/l	94
38) 1,2-Dichloropropane	6.43	63	32393	1.885	ug/l	95
39) Methacrylonitrile	4.55	41	8983	1.830	ug/l	96
40) Methyl acrylate	4.43	55	14403	1.856	ug/l #	85
41) Tetrahydrofuran	4.66	42	9295	3.620	ug/l	97
42) 1-Chlorobutane	5.06	56	55478	1.884	ug/l	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Mar 08 02:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	16783	1.884 ug/l	97
44) Bromodichloromethane	6.76	83	40428	1.848 ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	86305	9.289 ug/l	96
46) t-1,4-Dichloro-2-butene	10.50	75	14264m	3.672 ug/l	
47) Methyl methacrylate	6.63	69	28158	3.684 ug/l	98
48) Ethyl methacrylate	8.02	69	26680	1.822 ug/l	99
49) Toluene	7.63	92	77031	1.847 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34062	1.777 ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	42806	1.804 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	23847	1.808 ug/l	96
53) 1,3-Dichloropropane	8.24	76	38953	1.801 ug/l	97
54) 2-Hexanone	8.36	43	56401	8.741 ug/l	97
55) Dibromochloromethane	8.47	129	28535	1.823 ug/l	98
56) 1,2-Dibromoethane	8.58	107	24116	1.929 ug/l	95
58) Tetrachloroethene	8.22	164	38622	1.907 ug/l	97
59) Chlorobenzene	9.12	112	89143	1.860 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	31819	1.851 ug/l	98
61) Pentachloroethane	11.10	117	21161	1.768 ug/l	97
62) Hexachloroethane	12.14	117	21629	1.718 ug/l	100
63) Ethyl Benzene	9.25	91	139719	1.780 ug/l	99
64) m/p-Xylenes	9.37	106	111571	3.595 ug/l	96
65) o-Xylene	9.78	106	55190	1.852 ug/l	99
66) Styrene	9.79	104	91122	1.840 ug/l	97
67) Bromoform	9.96	173	16045	1.746 ug/l	100
69) Isopropylbenzene	10.16	105	144776	1.832 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	29945	1.862 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	21467m	1.796 ug/l	
72) Bromobenzene	10.45	156	38679	1.849 ug/l	98
73) n-propylbenzene	10.58	120	40024	1.801 ug/l	97
74) 2-Chlorotoluene	10.66	126	35923	1.823 ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	121394	1.823 ug/l	100
76) 4-Chlorotoluene	10.77	126	36238	1.803 ug/l	97
77) tert-Butylbenzene	11.10	119	120775	1.833 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	123620	1.837 ug/l	98
79) sec-Butylbenzene	11.32	105	161867	1.854 ug/l	100
80) Nitrobenzene	12.87	77	1442m	4.940 ug/l	
81) p-Isopropyltoluene	11.47	119	134936	1.846 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	76116	1.837 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	76867	1.899 ug/l	97
84) n-Butylbenzene	11.89	91	119086	1.788 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	70044	1.793 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3653	1.591 ug/l	94
87) 1,2,4-Trichlorobenzene	13.50	180	43280	1.730 ug/l	97
88) Hexachlorobutadiene	13.69	225	29439	1.868 ug/l	98
89) Naphthalene	13.74	128	64983	1.738 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	42114	1.792 ug/l	98

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

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