Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030579.D
Acq On : 30 Mar 2019 19:17
Operator : JC/SP
Sample : VU0331WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0331WBSD01

Manual Integrations APPROVED

Quant Time: Mar 31 01:44:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 01:11:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	50583	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19455	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	18107	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	41988	1.973	ug/l		97
3) Chloromethane	1.33	50	53129	1.933	ug/l		100
4) Vinyl Chloride	1.40	62	48285	2.033	ug/l		98
5) Bromomethane	1.63	94	17463	1.705	ug/l		97
6) Chloroethane	1.70	64	24793	1.810	ug/l		96
7) Trichlorofluoromethane	1.88	101	52060	1.995	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	25257	1.906	ug/l		96
9) 1,1-Dichloroethene	2.28	96	26510	1.988	ug/l		97
10) Iodomethane	2.41	142	6691	0.983	ug/l		100
11) Allyl Chloride	2.59	41	57245	1.970	ug/l		100
12) Acrylonitrile	2.94	53	15662	4.134	ug/l		96
13) Acetone	2.32	43	33806	9.525	ug/l		96
14) Carbon Disulfide	2.47	76	96741	1.985	ug/l		100
15) Methylene Chloride	2.69	84	33573	1.985	ug/l		97
16) trans-1,2-Dichloroethene	2.97	96	30265	2.008	ug/l		100
17) 1,1-Dichloroethane	3.44	63	63439	2.073	ug/l		99
18) 2-Butanone	4.29	43	49741	10.841	ug/l		100
19) Cyclohexane	4.98	56	48640m	1.884	ug/l		
20) Methylcyclohexane	6.41	83	42091	1.859	ug/l		98
21) 2,2-Dichloropropane	4.22	77	39895	1.697	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	32518	2.010	ug/l		94
23) Diethyl Ether	2.10	59	25519	2.013	ug/l		97
24) tert-Butyl Alcohol	2.85	59	30908	23.553	ug/l	#	86
25) Methyl tert-Butyl Ether	3.00	73	80720	2.090	ug/l		99
26) Bromochloromethane	4.55	128	12500	1.973	ug/l		98
27) Chloroform	4.67	83	59501	2.082	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	47254	2.003	ug/l		100
29) 1,1-Dichloropropene	5.13	75	41374	1.955	ug/l		99
30) Carbon Tetrachloride	5.13	117	39251	1.993	ug/l		98
31) Isopropyl Ether	3.58	45	101322	1.988	ug/l		99
32) Ethyl-t-butyl ether	4.08	59	77827	1.918	ug/l		96
33) Tert-Amyl methyl ether	5.58	73	64705	1.991	ug/l		100
34) Propionitrile	4.34	54	13069	10.477	ug/l	#	89
35) Benzene	5.38	78	125605	2.007	ug/l		100
36) 1,2-Dichloroethane	5.41	62	39597	2.071	ug/l		98
37) Trichloroethene	6.18	130	30407	2.025	ug/l		97
38) 1,2-Dichloropropane	6.43	63	35374	2.041	ug/l		97
39) Methacrylonitrile	4.55	41	11339	2.015	ug/l	#	91
40) Methyl acrylate	4.43	55	14799	1.923	ug/l	#	77
41) Tetrahydrofuran	4.66	42	12638	3.959	ug/l		100
42) 1-Chlorobutane	5.06	56	62817	1.983	ug/l		99

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0331WBSD01

Manual Integrations APPROVED

Quant Time: Mar 31 01:44:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 01:11:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	15373	1.956	ug/l		94
44) Bromodichloromethane	6.76	83	42303	2.034	ug/l		96
45) 4-Methyl-2-Pentanone	7.47	43	112411	10.400	ug/l		96
46) t-1,4-Dichloro-2-butene	10.52	75	11947m	3.444	ug/l		
47) Methyl methacrylate	6.63	69	28348	4.252	ug/l		96
48) Ethyl methacrylate	8.02	69	25936	1.984	ug/l		99
49) Toluene	7.63	92	67436	1.966	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	34850	1.999	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	42077	1.941	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	22169	2.070	ug/l		98
53) 1,3-Dichloropropane	8.24	76	39422	2.012	ug/l		99
54) 2-Hexanone	8.37	43	71833	9.841	ug/l		97
55) Dibromochloromethane	8.48	129	24650	1.985	ug/l		96
56) 1,2-Dibromoethane	8.59	107	19977	2.010	ug/l		93
58) Tetrachloroethene	8.22	164	27504	2.048	ug/l		97
59) Chlorobenzene	9.12	112	76719	2.070	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.21	131	27655	2.014	ug/l		99
61) Pentachloroethane	11.10	117	20301	1.917	ug/l		100
62) Hexachloroethane	12.14	117	17024	1.847	ug/l		95
63) Ethyl Benzene	9.25	91	122667	1.865	ug/l		99
64) m/p-Xylenes	9.37	106	90240	3.750	ug/l		95
65) o-Xylene	9.77	106	45459	1.965	ug/l		96
66) Styrene	9.79	104	77850	1.997	ug/l		98
67) Bromoform	9.96	173	14648	2.153	ug/l		97
69) Isopropylbenzene	10.16	105	121761	1.934	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	30719	2.048	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	18379	1.922	ug/l	#	98
72) Bromobenzene	10.45	156	30250	2.003	ug/l		98
73) n-propylbenzene	10.58	120	30706	1.903	ug/l		99
74) 2-Chlorotoluene	10.66	126	29073	1.942	ug/l		97
75) 1,3,5-Trimethylbenzene	10.77	105	101670	1.921	ug/l		99
76) 4-Chlorotoluene	10.77	126	29749	1.955	ug/l		97
77) tert-Butylbenzene	11.10	119	95847	1.912	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	99120	1.889	ug/l		99
79) sec-Butylbenzene	11.32	105	127026	1.865	ug/l		99
80) Nitrobenzene	12.89	77	1266	6.266	ug/l	#	98
81) p-Isopropyltoluene	11.47	119	97010	1.854	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	59937	1.986	ug/l		98
83) 1,4-Dichlorobenzene	11.50	146	60260	1.992	ug/l		98
84) n-Butylbenzene	11.89	91	91759	1.813	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	56843	2.001	ug/l		96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4607	2.095	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	29902	1.844	ug/l		96
88) Hexachlorobutadiene	13.69	225	19512	1.909	ug/l		97
89) Naphthalene	13.75	128	47921	1.693	ug/l		96
90) 1,2,3-Trichlorobenzene	13.99	180	29658	1.927	ug/l		99

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

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