Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031515.D
Acq On : 26 Apr 2019 00:44
Operator : JC/SP
Sample : K2241-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2019

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:23:04 PM

Quant Time: Apr 26 05:55:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.74	96	65264	1.00 ug/l		0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21657	0.95 ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	21757	1.03 ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	30019	1.019 ug/l		95
3) Chloromethane	1.32	50	35940	1.022 ug/l		99
4) Vinyl Chloride	1.40	62	33441	0.999 ug/l		94
5) Bromomethane	1.63	94	17966	1.108 ug/l		97
6) Chloroethane	1.70	64	18043	0.975 ug/l		90
7) Trichlorofluoromethane	1.88	101	37765	0.991 ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18692	0.994 ug/l		95
9) 1,1-Dichloroethene	2.28	96	19466	1.042 ug/l		94
10) Iodomethane	2.41	142	11967	0.582 ug/l		92
11) Allyl Chloride	2.59	41	40345	0.986 ug/l		98
12) Acrylonitrile	2.94	53	11864	2.096 ug/l		94
13) Acetone	2.33	43	26354	5.109 ug/l		97
14) Carbon Disulfide	2.48	76	73349	1.023 ug/l		97
15) Methylene Chloride	2.70	84	25809	1.090 ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	20906	1.000 ug/l		99
17) 1,1-Dichloroethane	3.44	63	43109	0.989 ug/l		100
18) 2-Butanone	4.28	43	33087	4.909 ug/l		92
19) Cyclohexane	4.99	56	29116m	0.868 ug/l		
20) Methylcyclohexane	6.41	83	23466	0.871 ug/l		96
21) 2,2-Dichloropropane	4.22	77	27491	0.863 ug/l		100
22) cis-1,2-Dichloroethene	4.22	96	20796	0.930 ug/l		94
23) Diethyl Ether	2.10	59	17186	0.960 ug/l	#	85
24) tert-Butyl Alcohol	2.85	59	20315	10.937 ug/l	#	94
25) Methyl tert-Butyl Ether	3.00	73	54761	1.006 ug/l		96
26) Bromochloromethane	4.55	128	9361	0.991 ug/l		87
27) Chloroform	4.67	83	40362	0.999 ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	32659	0.960 ug/l		97
29) 1,1-Dichloropropene	5.13	75	26912	0.976 ug/l		98
30) Carbon Tetrachloride	5.13	117	29726	1.025 ug/l		99
31) Isopropyl Ether	3.57	45	61455	0.941 ug/l		93
32) Ethyl-t-butyl ether	4.07	59	49824	0.940 ug/l		98
33) Tert-Amyl methyl ether	5.58	73	40097	0.951 ug/l		99
34) Propionitrile	4.35	54	6852m	3.790 ug/l		
35) Benzene	5.39	78	80433	0.954 ug/l		98
36) 1,2-Dichloroethane	5.41	62	27096	0.986 ug/l		99
37) Trichloroethene	6.19	130	19533	0.947 ug/l		93
38) 1,2-Dichloropropane	6.43	63	22748	0.955 ug/l		92
39) Methacrylonitrile	4.56	41	6994	0.922 ug/l	#	84
40) Methyl acrylate	4.44	55	7193m	0.937 ug/l		
41) Tetrahydrofuran	4.66	42	7749	1.864 ug/l	#	80
42) 1-Chlorobutane	5.06	56	38492	0.920 ug/l		95

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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LOQ-WATER-02-QT2-2019

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Quant Time: Apr 26 05:55:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	11813	1.009 ug/l		96
44) Bromodichloromethane	6.76	83	28188	0.969 ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	62163	4.437 ug/l		94
46) t-1,4-Dichloro-2-butene	10.51	75	6893m	1.603 ug/l		
47) Methyl methacrylate	6.63	69	14726	1.628 ug/l		95
48) Ethyl methacrylate	8.03	69	13705	0.871 ug/l		92
49) Toluene	7.64	92	36415	0.831 ug/l		89
50) t-1,3-Dichloropropene	7.88	75	20650	0.901 ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	23935	0.858 ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	15071	0.987 ug/l		87
53) 1,3-Dichloropropane	8.24	76	25860	0.965 ug/l		98
54) 2-Hexanone	8.37	43	39597	4.192 ug/l		91
55) Dibromochloromethane	8.48	129	16964	0.985 ug/l		100
56) 1,2-Dibromoethane	8.59	107	13092	0.958 ug/l		95
58) Tetrachloroethene	8.22	164	18636	0.937 ug/l		92
59) Chlorobenzene	9.12	112	42478	0.924 ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.21	131	16783	0.936 ug/l		97
61) Pentachloroethane	11.10	117	11965	0.942 ug/l		97
62) Hexachloroethane	12.14	117	13014	1.040 ug/l		94
63) Ethyl Benzene	9.25	91	65725	0.873 ug/l		98
64) m/p-Xylenes	9.37	106	44821	1.591 ug/l		94
65) o-Xylene	9.78	106	21854	0.798 ug/l		94
66) Styrene	9.79	104	35597	0.946 ug/l		97
67) Bromoform	9.96	173	9358	0.971 ug/l	#	96
69) Isopropylbenzene	10.16	105	59341	0.828 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.45	83	20448	1.040 ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	13977m	0.975 ug/l		
72) Bromobenzene	10.45	156	16842	0.926 ug/l		96
73) n-propylbenzene	10.58	120	15454	0.833 ug/l		99
74) 2-Chlorotoluene	10.66	126	14918	0.844 ug/l		98
75) 1,3,5-Trimethylbenzene	10.77	105	48649	0.897 ug/l		99
76) 4-Chlorotoluene	10.77	126	15131	0.915 ug/l		95
77) tert-Butylbenzene	11.10	119	48592	0.848 ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	47677	0.877 ug/l		99
79) sec-Butylbenzene	11.32	105	65738	0.841 ug/l		99
81) p-Isopropyltoluene	11.47	119	47468	0.916 ug/l		96
82) 1,3-Dichlorobenzene	11.42	146	33971	0.945 ug/l		96
83) 1,4-Dichlorobenzene	11.51	146	32974	0.955 ug/l		99
84) n-Butylbenzene	11.89	91	49494	1.026 ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	32889	0.962 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2972	1.050 ug/l	#	81
87) 1,2,4-Trichlorobenzene	13.51	180	13996	1.029 ug/l		99
88) Hexachlorobutadiene	13.69	225	11671	0.930 ug/l		97
89) Naphthalene	13.75	128	22931	1.179 ug/l	#	97
90) 1,2,3-Trichlorobenzene	13.99	180	14676	0.828 ug/l		96

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

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