Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030578.D
Acq On : 30 Mar 2019 18:49
Operator : JC/SP
Sample : VU0331WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0331WBS01

Manual Integrations APPROVED

Quant Time: Mar 31 01:43:05 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	50012	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19623	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	18300	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	40182	1.910	ug/l	97
3) Chloromethane	1.33	50	49455	1.820	ug/l	97
4) Vinyl Chloride	1.40	62	44638	1.901	ug/l	99
5) Bromomethane	1.63	94	16141	1.594	ug/l	89
6) Chloroethane	1.70	64	25543	1.886	ug/l	99
7) Trichlorofluoromethane	1.88	101	49406	1.915	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	24373	1.860	ug/l	97
9) 1,1-Dichloroethene	2.28	96	25870	1.962	ug/l	91
10) Iodomethane	2.41	142	5436	0.895	ug/l	99
11) Allyl Chloride	2.59	41	54053	1.881	ug/l	97
12) Acrylonitrile	2.94	53	15062	4.021	ug/l	96
13) Acetone	2.32	43	31612	9.009	ug/l	93
14) Carbon Disulfide	2.47	76	90419	1.877	ug/l	99
15) Methylene Chloride	2.69	84	32487	1.942	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	28876	1.938	ug/l	98
17) 1,1-Dichloroethane	3.44	63	61550	2.035	ug/l	98
18) 2-Butanone	4.28	43	45301	9.986	ug/l	98
19) Cyclohexane	4.98	56	47532m	1.863	ug/l	
20) Methylcyclohexane	6.41	83	38715	1.729	ug/l	99
21) 2,2-Dichloropropane	4.22	77	39099	1.682	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	31519	1.970	ug/l	93
23) Diethyl Ether	2.10	59	25090	2.002	ug/l	97
24) tert-Butyl Alcohol	2.85	59	28289	21.803	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	78498	2.056	ug/l	99
26) Bromochloromethane	4.54	128	11970	1.911	ug/l	94
27) Chloroform	4.67	83	56719	2.007	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	44560	1.910	ug/l	97
29) 1,1-Dichloropropene	5.13	75	38651	1.847	ug/l	98
30) Carbon Tetrachloride	5.13	117	38185	1.961	ug/l	98
31) Isopropyl Ether	3.58	45	97984	1.945	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	76257	1.900	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	60961	1.897	ug/l	99
34) Propionitrile	4.35	54	12545	10.172	ug/l #	71
35) Benzene	5.38	78	120769	1.952	ug/l	99
36) 1,2-Dichloroethane	5.40	62	36802	1.947	ug/l	98
37) Trichloroethene	6.18	130	28335	1.909	ug/l	93
38) 1,2-Dichloropropane	6.43	63	33998	1.984	ug/l	98
39) Methacrylonitrile	4.56	41	9857	1.772	ug/l	92
40) Methyl acrylate	4.44	55	14509	1.907	ug/l #	80
41) Tetrahydrofuran	4.66	42	12025	3.810	ug/l	98
42) 1-Chlorobutane	5.06	56	57778	1.845	ug/l	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0331WBS01

Manual Integrations APPROVED

Quant Time: Mar 31 01:43:05 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	15924	2.049 ug/l		97
44) Bromodichloromethane	6.76	83	40361	1.962 ug/l	#	98
45) 4-Methyl-2-Pentanone	7.47	43	101841	9.530 ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	12141m	3.540 ug/l		
47) Methyl methacrylate	6.63	69	27023	4.100 ug/l		97
48) Ethyl methacrylate	8.02	69	23275	1.801 ug/l		94
49) Toluene	7.63	92	62747	1.851 ug/l		99
50) t-1,3-Dichloropropene	7.88	75	31980	1.856 ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	39123	1.825 ug/l		95
52) 1,1,2-Trichloroethane	8.07	97	20968	1.980 ug/l		92
53) 1,3-Dichloropropane	8.24	76	37756	1.949 ug/l		98
54) 2-Hexanone	8.37	43	66341	9.192 ug/l		96
55) Dibromochloromethane	8.47	129	24982	2.035 ug/l		97
56) 1,2-Dibromoethane	8.59	107	20149	2.051 ug/l		95
58) Tetrachloroethene	8.22	164	25939	1.954 ug/l		98
59) Chlorobenzene	9.12	112	71570	1.953 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	26320	1.939 ug/l		96
61) Pentachloroethane	11.10	117	20360	1.944 ug/l		98
62) Hexachloroethane	12.14	117	16809	1.844 ug/l		98
63) Ethyl Benzene	9.25	91	114069	1.754 ug/l		96
64) m/p-Xylenes	9.37	106	83846	3.524 ug/l		100
65) o-Xylene	9.78	106	43462	1.900 ug/l		96
66) Styrene	9.79	104	73688	1.911 ug/l		99
67) Bromoform	9.95	173	14171	2.107 ug/l	#	98
69) Isopropylbenzene	10.16	105	113704	1.827 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	30405	2.051 ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	18199	1.925 ug/l	#	95
72) Bromobenzene	10.45	156	28487	1.908 ug/l		98
73) n-propylbenzene	10.58	120	27703	1.737 ug/l		96
74) 2-Chlorotoluene	10.66	126	29412	1.988 ug/l		89
75) 1,3,5-Trimethylbenzene	10.77	105	96466	1.844 ug/l		99
76) 4-Chlorotoluene	10.77	126	25979	1.727 ug/l		89
77) tert-Butylbenzene	11.10	119	90340	1.823 ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	92598	1.785 ug/l		97
79) sec-Butylbenzene	11.32	105	121289	1.801 ug/l		98
80) Nitrobenzene	12.88	77	932	4.665 ug/l	#	85
81) p-Isopropyltoluene	11.48	119	92073	1.780 ug/l		96
82) 1,3-Dichlorobenzene	11.41	146	57317	1.921 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	56171	1.878 ug/l		99
84) n-Butylbenzene	11.89	91	82755	1.654 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	54430	1.938 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4273	1.965 ug/l		97
87) 1,2,4-Trichlorobenzene	13.50	180	26886	1.677 ug/l		97
88) Hexachlorobutadiene	13.69	225	17845	1.765 ug/l		95
89) Naphthalene	13.75	128	38522	1.376 ug/l		96
90) 1,2,3-Trichlorobenzene	13.99	180	25253	1.660 ug/l		94

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

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