Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027359.D
Acq On : 03 Oct 2018 12:44
Operator : MD/SY
Sample : VU1003WBS02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Manual Integrations APPROVED
apatel
10/5/2018 11:57:06 AM

Quant Time: Oct 03 17:10:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	22431	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7314	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery = 86.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7058	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	14242	1.894	ug/l	97
3) Chloromethane	1.33	50	17350	1.986	ug/l	98
4) Vinyl Chloride	1.40	62	16650	1.873	ug/l	98
5) Bromomethane	1.63	94	8787	2.363	ug/l	91
6) Chloroethane	1.70	64	11254	1.617	ug/l	98
7) Trichlorofluoromethane	1.89	101	19981	1.940	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11656	1.924	ug/l	99
9) 1,1-Dichloroethene	2.29	96	9713	1.925	ug/l	94
10) Iodomethane	2.41	142	10853	1.909	ug/l	99
11) Allyl Chloride	2.59	41	23955	1.797	ug/l	99
12) Acrylonitrile	2.94	53	6607	3.793	ug/l	99
13) Acetone	2.32	43	14515	9.209	ug/l	93
14) Carbon Disulfide	2.48	76	27777	1.772	ug/l	100
15) Methylene Chloride	2.70	84	18989	2.935	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	11443	1.950	ug/l	93
17) 1,1-Dichloroethane	3.45	63	27502	1.941	ug/l	100
18) 2-Butanone	4.29	43	25539	9.575	ug/l	99
19) Cyclohexane	4.99	56	20030	1.872	ug/l	98
20) Methylcyclohexane	6.41	83	17191	1.789	ug/l	98
21) 2,2-Dichloropropane	4.22	77	23467	1.934	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	13683	1.935	ug/l	98
23) Diethyl Ether	2.11	59	10058	1.868	ug/l	93
24) tert-Butyl Alcohol	2.84	59	10982	18.037	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	32278	1.917	ug/l	95
26) Bromochloromethane	4.55	128	4774	1.837	ug/l	96
27) Chloroform	4.68	83	25478	1.970	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	20160	1.922	ug/l	99
29) 1,1-Dichloropropene	5.13	75	18327	1.940	ug/l	100
30) Carbon Tetrachloride	5.13	117	16460	1.897	ug/l	93
31) Isopropyl Ether	3.58	45	48576	1.802	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	38073	1.810	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	32179	1.910	ug/l	98
34) Propionitrile	4.34	54	6411	9.318	ug/l #	89
35) Benzene	5.39	78	53013	1.919	ug/l	100
36) 1,2-Dichloroethane	5.41	62	17519	1.934	ug/l	99
37) Trichloroethene	6.18	130	11792	1.923	ug/l	90
38) 1,2-Dichloropropane	6.44	63	15402	1.844	ug/l	95
39) Methacrylonitrile	4.56	41	5975	1.659	ug/l	97
40) Methyl acrylate	4.43	55	8397	1.832	ug/l #	95
41) Tetrahydrofuran	4.66	42	6772	3.652	ug/l	94
42) 1-Chlorobutane	5.06	56	28409	1.869	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	6983	2.010 ug/l		99
44) Bromodichloromethane	6.76	83	17882	1.897 ug/l		97
45) 4-Methyl-2-Pentanone	7.48	43	45078	8.425 ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	5675m	3.658 ug/l		
47) Methyl methacrylate	6.64	69	11982	3.425 ug/l		93
48) Ethyl methacrylate	8.03	69	9340	1.533 ug/l		99
49) Toluene	7.64	92	25237	1.671 ug/l		94
50) t-1,3-Dichloropropene	7.88	75	14718	1.758 ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	17486	1.743 ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	9594	1.962 ug/l		95
53) 1,3-Dichloropropane	8.25	76	16604	1.790 ug/l		98
54) 2-Hexanone	8.38	43	31366	8.484 ug/l		94
55) Dibromochloromethane	8.48	129	10502	1.945 ug/l		98
56) 1,2-Dibromoethane	8.59	107	8007	1.852 ug/l		97
58) Tetrachloroethene	8.23	164	9911	1.823 ug/l		96
59) Chlorobenzene	9.12	112	27422	1.741 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	11690	1.930 ug/l		99
61) Pentachloroethane	11.10	117	9915	1.981 ug/l		98
62) Hexachloroethane	12.15	117	9806	2.054 ug/l		99
63) Ethyl Benzene	9.25	91	42443	1.570 ug/l		98
64) m/p-Xylenes	9.38	106	32162	3.172 ug/l		100
65) o-Xylene	9.78	106	15701	1.631 ug/l		97
66) Styrene	9.79	104	26403	1.563 ug/l		97
67) Bromoform	9.96	173	5629	1.949 ug/l		99
69) Isopropylbenzene	10.17	105	39516	1.557 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	12754	1.931 ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	8910m	1.748 ug/l		
72) Bromobenzene	10.45	156	10439	1.705 ug/l		98
73) n-propylbenzene	10.59	120	10631	1.556 ug/l		94
74) 2-Chlorotoluene	10.66	126	10699	1.713 ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	36571	1.620 ug/l		98
76) 4-Chlorotoluene	10.77	126	11497	1.794 ug/l		95
77) tert-Butylbenzene	11.10	119	34755	1.631 ug/l		96
78) 1,2,4-Trimethylbenzene	11.15	105	36418	1.645 ug/l		96
79) sec-Butylbenzene	11.32	105	47431	1.622 ug/l		100
80) Nitrobenzene	12.86	77	2662	9.803 ug/l	#	94
81) p-Isopropyltoluene	11.48	119	37492	1.689 ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	24348	1.888 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	24561	1.903 ug/l		97
84) n-Butylbenzene	11.89	91	38016	1.703 ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	21672	1.817 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2119	2.118 ug/l	#	85
87) 1,2,4-Trichlorobenzene	13.50	180	12211	1.615 ug/l		99
88) Hexachlorobutadiene	13.69	225	9552	1.909 ug/l		97
89) Naphthalene	13.75	128	17596	1.319 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	11981	1.602 ug/l		99

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

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