Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090718\
Data File : VU026616.D
Acq On : 07 Sep 2018 11:55
Operator : MD/SY
Sample : VU0907WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD01

Manual Integrations APPROVED
MMDadoda
9/10/2018 9:52:47 AM

Quant Time: Sep 07 23:06:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	25699	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	8779	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	10331	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	16083	1.61	ug/l		99
3) Chloromethane	1.33	50	19032	2.23	ug/l		97
4) Vinyl Chloride	1.40	62	19153	2.24	ug/l		99
5) Bromomethane	1.63	94	8964	1.91	ug/l		99
6) Chloroethane	1.70	64	11922	2.33	ug/l		100
7) Trichlorofluoromethane	1.89	101	24101	1.91	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	14327	2.05	ug/l		98
9) 1,1-Dichloroethene	2.29	96	12379	2.07	ug/l		97
10) Iodomethane	2.41	142	8880	1.16	ug/l		97
11) Allyl Chloride	2.59	41	23303	2.32	ug/l		96
12) Acrylonitrile	2.94	53	6649	4.91	ug/l		98
13) Acetone	2.33	43	19722	17.57	ug/l		100
14) Carbon Disulfide	2.48	76	44065	2.14	ug/l		98
15) Methylene Chloride	2.70	84	15953	2.21	ug/l		96
16) trans-1,2-Dichloroethene	2.98	96	14186	2.05	ug/l		94
17) 1,1-Dichloroethane	3.44	63	25680	2.03	ug/l		98
18) 2-Butanone	4.29	43	22478	11.61	ug/l		98
19) Cyclohexane	4.99	56	17211	1.85	ug/l		91
20) Methylcyclohexane	6.42	83	18844	1.73	ug/l		99
21) 2,2-Dichloropropane	4.23	77	20552	1.58	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	13963	1.67	ug/l		96
23) Diethyl Ether	2.11	59	10324	2.26	ug/l		96
24) tert-Butyl Alcohol	2.85	59	11833	25.30	ug/l	#	84
25) Methyl tert-Butyl Ether	3.01	73	33855	2.18	ug/l		97
26) Bromochloromethane	4.55	128	6071	1.62	ug/l		91
27) Chloroform	4.68	83	25056	1.71	ug/l		97
28) 1,1,1-Trichloroethane	4.92	97	20425	1.57	ug/l		99
29) 1,1-Dichloropropene	5.14	75	17982	1.76	ug/l		98
30) Carbon Tetrachloride	5.14	117	18301	1.49	ug/l		100
31) Isopropyl Ether	3.58	45	38345	1.84	ug/l		96
32) Ethyl-t-butyl ether	4.08	59	32053	1.76	ug/l		97
33) Tert-Amyl methyl ether	5.59	73	26124	1.68	ug/l		98
34) Propionitrile	4.34	54	5132	9.30	ug/l	#	92
35) Benzene	5.39	78	52192	1.76	ug/l		100
36) 1,2-Dichloroethane	5.41	62	15114	1.65	ug/l		99
37) Trichloroethene	6.19	130	13546	1.63	ug/l		99
38) 1,2-Dichloropropane	6.44	63	13914	1.81	ug/l		100
39) Methacrylonitrile	4.56	41	4299	1.85	ug/l		96
40) Methyl acrylate	4.44	55	6733	1.91	ug/l		98
41) Tetrahydrofuran	4.66	42	4758	3.67	ug/l		99
42) 1-Chlorobutane	5.07	56	24857	1.79	ug/l		98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD01

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Quant Time: Sep 07 23:06:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	6847	1.68	ug/l		99
44) Bromodichloromethane	6.76	83	17338	1.65	ug/l		96
45) 4-Methyl-2-Pentanone	7.47	43	38613	9.35	ug/l		97
46) t-1,4-Dichloro-2-butene	10.51	75	6028m	3.31	ug/l		
47) Methyl methacrylate	6.63	69	10920	3.51	ug/l		97
48) Ethyl methacrylate	8.02	69	9849	1.73	ug/l		100
49) Toluene	7.64	92	28426	1.68	ug/l		94
50) t-1,3-Dichloropropene	7.88	75	14353	1.60	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	17490	1.68	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	9321	1.69	ug/l		96
53) 1,3-Dichloropropane	8.25	76	15847	1.73	ug/l		99
54) 2-Hexanone	8.37	43	29191	9.93	ug/l		98
55) Dibromochloromethane	8.48	129	11228	1.52	ug/l		100
56) 1,2-Dibromoethane	8.59	107	8712	1.62	ug/l		98
58) Tetrachloroethene	8.23	164	12482	1.58	ug/l		98
59) Chlorobenzene	9.12	112	33091	1.69	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	12520	1.60	ug/l		99
61) Pentachloroethane	11.10	117	10218	1.53	ug/l		97
62) Hexachloroethane	12.15	117	10100	1.52	ug/l		95
63) Ethyl Benzene	9.25	91	50575	1.63	ug/l		99
64) m/p-Xylenes	9.38	106	40186	3.24	ug/l		100
65) o-Xylene	9.78	106	19216	1.62	ug/l		99
66) Styrene	9.79	104	32652	1.61	ug/l		99
67) Bromoform	9.96	173	6690	1.54	ug/l		98
69) Isopropylbenzene	10.17	105	50656	1.62	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	11949	1.72	ug/l		96
71) 1,2,3-Trichloropropane	10.50	75	7801m	1.57	ug/l		
72) Bromobenzene	10.46	156	13973	1.60	ug/l		100
73) n-propylbenzene	10.59	120	13947	1.53	ug/l		95
74) 2-Chlorotoluene	10.66	126	13796	1.67	ug/l		87
75) 1,3,5-Trimethylbenzene	10.77	105	44737	1.61	ug/l		100
76) 4-Chlorotoluene	10.77	126	13971	1.65	ug/l		92
77) tert-Butylbenzene	11.10	119	43557	1.57	ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	45705	1.59	ug/l		100
79) sec-Butylbenzene	11.32	105	58344	1.61	ug/l		98
80) Nitrobenzene	12.86	77	2283	7.54	ug/l	#	95
81) p-Isopropyltoluene	11.48	119	47398	1.54	ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	28871	1.57	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	28712	1.56	ug/l		98
84) n-Butylbenzene	11.89	91	45259	1.52	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	26359	1.56	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1659	1.36	ug/l		91
87) 1,2,4-Trichlorobenzene	13.50	180	17477	1.47	ug/l		99
88) Hexachlorobutadiene	13.69	225	11764	1.62	ug/l		97
89) Naphthalene	13.75	128	25790	1.38	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	16664	1.49	ug/l		97

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

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