Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU043018\
Data File : VU023541.D
Acq On : 30 Apr 2018 21:56
Operator : MD/SY
Sample : VU0430WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBS01

Manual Integrations APPROVED
apatel
5/3/2018 4:49:15 PM

Quant Time: May 01 05:51:13 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 01 05:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	47125	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	15818	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery =	103.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	15603	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery =	104.00%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	31573	2.06	ug/l		98
3) Chloromethane	1.33	50	36346	2.05	ug/l		99
4) Vinyl Chloride	1.40	62	34794	2.05	ug/l		91
5) Bromomethane	1.63	94	23502	2.58	ug/l		97
6) Chloroethane	1.70	64	19355	2.04	ug/l		97
7) Trichlorofluoromethane	1.89	101	39845	2.04	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24102	2.01	ug/l		97
9) 1,1-Dichloroethene	2.29	96	21980	1.97	ug/l		95
10) Iodomethane	2.42	142	17059	1.29	ug/l		100
11) Allyl Chloride	2.60	41	39636	1.94	ug/l		98
12) Acrylonitrile	2.95	53	8970	3.90	ug/l		90
13) Acetone	2.35	43	18141	9.30	ug/l		98
14) Carbon Disulfide	2.48	76	71676	1.96	ug/l		99
15) Methylene Chloride	2.71	84	24428	1.93	ug/l		97
16) trans-1,2-Dichloroethene	2.99	96	23299	1.95	ug/l		98
17) 1,1-Dichloroethane	3.45	63	46744	1.99	ug/l		99
18) 2-Butanone	4.31	43	31440	9.98	ug/l		98
19) Cyclohexane	4.99	56	39645	1.95	ug/l		97
20) Methylcyclohexane	6.41	83	35971	1.74	ug/l		97
21) 2,2-Dichloropropane	4.23	77	34825	1.87	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	26016	2.02	ug/l		98
23) Diethyl Ether	2.11	59	18188	2.00	ug/l		99
24) tert-Butyl Alcohol	2.90	59	14462	21.82	ug/l	#	97
25) Methyl tert-Butyl Ether	3.01	73	55354	1.98	ug/l		98
26) Bromochloromethane	4.55	128	10937	2.14	ug/l		94
27) Chloroform	4.68	83	44100	1.99	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	35947	1.98	ug/l		98
29) 1,1-Dichloropropene	5.13	75	36025	2.02	ug/l		99
30) Carbon Tetrachloride	5.13	117	29845	1.95	ug/l		96
31) Isopropyl Ether	3.58	45	76014	1.92	ug/l		99
32) Ethyl-t-butyl ether	4.09	59	64795	1.91	ug/l		99
33) Tert-Amyl methyl ether	5.59	73	52564	1.83	ug/l		99
34) Propionitrile	4.37	54	9601	10.70	ug/l	#	94
35) Benzene	5.39	78	106215	2.01	ug/l		99
36) 1,2-Dichloroethane	5.41	62	30790	2.06	ug/l		100
37) Trichloroethene	6.19	130	27099	1.91	ug/l		98
38) 1,2-Dichloropropane	6.44	63	28101	1.94	ug/l		97
39) Methacrylonitrile	4.56	41	9172	2.00	ug/l		95
40) Methyl acrylate	4.44	55	12764	2.01	ug/l	#	98
41) Tetrahydrofuran	4.68	42	9513	4.02	ug/l		96
42) 1-Chlorobutane	5.07	56	50163	1.94	ug/l		100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	12634	2.02	ug/l		99
44) Bromodichloromethane	6.76	83	30125	1.92	ug/l		98
45) 4-Methyl-2-Pentanone	7.48	43	73133	9.91	ug/l		96
46) t-1,4-Dichloro-2-butene	10.52	75	8050m	3.69	ug/l		
47) Methyl methacrylate	6.64	69	21921	3.87	ug/l		97
48) Ethyl methacrylate	8.03	69	17747	1.79	ug/l		94
49) Toluene	7.64	92	57666	1.89	ug/l		95
50) t-1,3-Dichloropropene	7.89	75	25159	1.88	ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	32049	1.84	ug/l		99
52) 1,1,2-Trichloroethane	8.08	97	18100	2.04	ug/l		98
53) 1,3-Dichloropropane	8.25	76	31771	2.01	ug/l		99
54) 2-Hexanone	8.38	43	46884	9.32	ug/l		96
55) Dibromochloromethane	8.48	129	19089	1.96	ug/l		98
56) 1,2-Dibromoethane	8.59	107	15435	2.02	ug/l		99
58) Tetrachloroethene	8.23	164	25808	1.99	ug/l		99
59) Chlorobenzene	9.12	112	65042	1.99	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	20887	1.88	ug/l		97
61) Pentachloroethane	11.10	117	17004	2.15	ug/l		92
62) Hexachloroethane	12.15	117	15608	2.06	ug/l		95
63) Ethyl Benzene	9.25	91	101104	1.86	ug/l		99
64) m/p-Xylenes	9.38	106	79511	3.79	ug/l		100
65) o-Xylene	9.78	106	39560	1.96	ug/l		99
66) Styrene	9.80	104	64550	1.94	ug/l		99
67) Bromoform	9.96	173	9915	1.95	ug/l		97
69) Isopropylbenzene	10.17	105	100636	1.93	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	21736	2.17	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	17620m	2.46	ug/l		
72) Bromobenzene	10.46	156	26552	2.05	ug/l		97
73) n-propylbenzene	10.59	120	28362	1.97	ug/l		99
74) 2-Chlorotoluene	10.66	126	25454	2.00	ug/l		98
75) 1,3,5-Trimethylbenzene	10.78	105	87267	1.99	ug/l		99
76) 4-Chlorotoluene	10.78	126	26774	2.03	ug/l		99
77) tert-Butylbenzene	11.10	119	81452	1.98	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	88813	2.01	ug/l		99
79) sec-Butylbenzene	11.33	105	115913	2.01	ug/l		99
80) Nitrobenzene	12.87	77	3545	10.53	ug/l	#	97
81) p-Isopropyltoluene	11.48	119	93284	1.97	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	53541	2.07	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	53950	2.09	ug/l		98
84) n-Butylbenzene	11.89	91	89847	1.95	ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	47367	2.03	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2973	2.10	ug/l		95
87) 1,2,4-Trichlorobenzene	13.51	180	32748	1.94	ug/l		99
88) Hexachlorobutadiene	13.70	225	21318	2.08	ug/l		97
89) Naphthalene	13.75	128	45558	1.79	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	31203	1.97	ug/l		96

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

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