Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
Data File : VU042708.D
Acq On : 18 Mar 2021 14:31
Operator : SY/MD
Sample : VU0318WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 02:27:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Manual Integrations APPROVED
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3/25/2021 1:09:06 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	14796	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	6594	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	7373	1.06	ug/l		0.00
Spiked Amount 1.000			Recovery = 106.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	11756	2.04	ug/l		96
3) Chloromethane	1.526	50	11348	2.08	ug/l		97
4) Vinyl Chloride	1.607	62	10438	1.99	ug/l		95
5) Bromomethane	1.861	94	8181	2.36	ug/l		92
6) Chloroethane	1.938	64	7583	2.12	ug/l		98
7) Trichlorofluoromethane	2.144	101	18549	2.07	ug/l		98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	9715	2.16	ug/l		98
9) 1,1-Dichloroethene	2.587	96	8042	2.07	ug/l		90
10) Iodomethane	2.729	142	12870	2.10	ug/l		98
11) Allyl Chloride	2.932	41	15463	2.08	ug/l		98
12) Acrylonitrile	3.337	53	4543	4.04	ug/l	#	87
13) Acetone	2.642	43	9195	10.48	ug/l		96
14) Carbon Disulfide	2.800	76	24139	1.98	ug/l		98
15) Methylene Chloride	3.057	84	10287	2.18	ug/l		95
16) trans-1,2-Dichloroethene	3.359	96	8845	2.11	ug/l		89
17) 1,1-Dichloroethane	3.880	63	17671	2.05	ug/l		99
18) 2-Butanone	4.735	43	18005	11.18	ug/l		98
19) Cyclohexane	5.391	56	15818m	2.15	ug/l		
20) Methylcyclohexane	6.767	83	11784	1.85	ug/l		97
21) 2,2-Dichloropropane	4.674	77	15969	2.01	ug/l		99
22) cis-1,2-Dichloroethene	4.677	96	10031	2.12	ug/l		97
23) Diethyl Ether	2.385	59	6418	1.95	ug/l		92
24) tert-Butyl Alcohol	3.221	59	5347	22.90	ug/l	#	94
25) Methyl tert-Butyl Ether	3.382	73	23675	2.05	ug/l		99
26) Bromochloromethane	4.986	128	4645	2.05	ug/l		98
27) Chloroform	5.102	83	19033	2.11	ug/l		96
28) 1,1,1-Trichloroethane	5.324	97	16729	2.05	ug/l		98
29) 1,1-Dichloropropene	5.536	75	11607	2.03	ug/l		98
30) Carbon Tetrachloride	5.529	117	13365	2.11	ug/l		93
31) Isopropyl Ether	4.012	45	31634	2.05	ug/l		98
32) Ethyl-t-butyl ether	4.523	59	28359	2.07	ug/l		98
33) Tert-Amyl methyl ether	5.960	73	20349	2.04	ug/l		98
34) Propionitrile	4.809	54	4118	11.63	ug/l	#	71
35) Benzene	5.784	78	32469	2.02	ug/l		95
36) 1,2-Dichloroethane	5.809	62	12702	2.04	ug/l	#	94
37) Trichloroethene	6.549	130	8743	2.03	ug/l		91
38) 1,2-Dichloropropane	6.806	63	9156	1.98	ug/l		90
39) Methacrylonitrile	4.996	41	4965	2.22	ug/l	#	93
40) Methyl acrylate	4.870	55	6358	2.18	ug/l		97
41) Tetrahydrofuran	5.083	42	4070	3.67	ug/l		94
42) 1-Chlorobutane	5.465	56	17347	2.05	ug/l		98
43) Dibromomethane	6.928	93	4986	1.97	ug/l		96
44) Bromodichloromethane	7.118	83	11673	1.97	ug/l		99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	36067	9.49	ug/l		98
46) t-1,4-Dichloro-2-butene	10.841	75	5021m	4.18	ug/l		
47) Methyl methacrylate	6.980	69	8706	3.92	ug/l		96
48) Ethyl methacrylate	8.349	69	7634	1.73	ug/l		95
49) Toluene	7.980	92	19817	1.99	ug/l		97
50) t-1,3-Dichloropropene	8.221	75	9924	1.86	ug/l		97
51) cis-1,3-Dichloropropene	7.619	75	11284	1.90	ug/l		96
52) 1,1,2-Trichloroethane	8.410	97	7232	2.07	ug/l		96
53) 1,3-Dichloropropane	8.587	76	11806	1.96	ug/l		98
54) 2-Hexanone	8.703	43	25098	9.26	ug/l		96
55) Dibromochloromethane	8.822	129	8054	1.94	ug/l		98
56) 1,2-Dibromoethane	8.934	107	6596	1.90	ug/l		98
58) Tetrachloroethene	8.562	164	9891	2.11	ug/l		93
59) Chlorobenzene	9.455	112	22270	1.98	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.542	131	8569	1.94	ug/l		97
61) Pentachloroethane	11.436	117	6791	2.01	ug/l		95
62) Hexachloroethane	12.484	117	6446	1.84	ug/l		99
63) Ethyl Benzene	9.578	91	36873	1.93	ug/l		98
64) m/p-Xylenes	9.703	106	27795	3.77	ug/l		100
65) o-Xylene	10.108	106	13513	1.89	ug/l		98
66) Styrene	10.124	104	23509	1.93	ug/l		99
67) Bromoform	10.301	173	4888	1.81	ug/l		99
69) Isopropylbenzene	10.494	105	37607	1.94	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.793	83	9169	1.99	ug/l		96
71) 1,2,3-Trichloropropane	10.841	75	5772m	1.59	ug/l		
72) Bromobenzene	10.793	156	10814	1.98	ug/l		97
73) n-propylbenzene	10.915	120	10296	1.89	ug/l		100
74) 2-Chlorotoluene	10.996	126	9676	1.96	ug/l		99
75) 1,3,5-Trimethylbenzene	11.098	105	33236	1.91	ug/l		100
76) 4-Chlorotoluene	11.105	126	10065	1.92	ug/l		94
77) tert-Butylbenzene	11.430	119	31917	1.85	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	33919	1.89	ug/l		97
79) sec-Butylbenzene	11.651	105	43461	1.87	ug/l		98
80) Nitrobenzene	13.217	77	816	9.53	ug/l	#	75
81) p-Isopropyltoluene	11.803	119	36611	1.87	ug/l		99
82) 1,3-Dichlorobenzene	11.754	146	21526	1.98	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	21580	1.97	ug/l		97
84) n-Butylbenzene	12.217	91	34665	1.85	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	20686	1.94	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1548	1.80	ug/l	#	90
87) 1,2,4-Trichlorobenzene	13.851	180	13091	1.83	ug/l		94
88) Hexachlorobutadiene	14.031	225	9768	2.03	ug/l		95
89) Naphthalene	14.098	128	18744	2.03	ug/l		97
90) 1,2,3-Trichlorobenzene	14.339	180	12528	1.84	ug/l		98

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

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