Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044035.D
Acq On : 03 Jun 2021 13:04
Operator : SY/MD
Sample : VU0603WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 04 06:27:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 11:17:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0603WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.121	96	16738	1.000 ug/l	# 0.00
System Monitoring Compounds					
57) 4-Bromofluorobenzene	10.642	95	5889	1.012 ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	6328	1.020 ug/l	0.00
Spiked Amount 1.000			Recovery = 102.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.391	85	14601	2.072 ug/l	97
3) Chloromethane	1.527	50	15692	2.064 ug/l	99
4) Vinyl Chloride	1.610	62	14297	1.994 ug/l	99
5) Bromomethane	1.864	94	8776	2.054 ug/l	98
6) Chloroethane	1.941	64	8401	1.921 ug/l	100
7) Trichlorofluoromethane	2.147	101	16269	2.021 ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	9265	1.995 ug/l	100
9) 1,1-Dichloroethene	2.591	96	8747	1.995 ug/l	99
10) Iodomethane	2.732	142	10018	1.775 ug/l	99
11) Allyl Chloride	2.935	41	14738	2.086 ug/l	100
12) Acrylonitrile	3.330	53	4786	5.353 ug/l	86
13) Acetone	2.639	43	5611	14.357 ug/l	88
14) Carbon Disulfide	2.803	76	30371	2.009 ug/l	99
15) Methylene Chloride	3.057	84	11415	1.892 ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	9446	1.949 ug/l	98
17) 1,1-Dichloroethane	3.883	63	19359	2.079 ug/l	100
18) 2-Butanone	4.739	43	10823	9.632 ug/l	100
19) Cyclohexane	5.391	56	17732m	2.006 ug/l	
20) Methylcyclohexane	6.771	83	12564	1.777 ug/l	94
21) 2,2-Dichloropropane	4.678	77	15503	2.099 ug/l	97
22) cis-1,2-Dichloroethene	4.678	96	10577	2.045 ug/l	95
23) Diethyl Ether	2.388	59	7376	2.056 ug/l	97
24) tert-Butyl Alcohol	3.202	59	9993m	23.916 ug/l	
25) Methyl tert-Butyl Ether	3.382	73	21927	1.990 ug/l	93
26) Bromochloromethane	4.986	128	4139	1.978 ug/l	92
27) Chloroform	5.102	83	18790	2.068 ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	15399	2.007 ug/l	98
29) 1,1-Dichloropropene	5.533	75	14633	2.037 ug/l	99
30) Carbon Tetrachloride	5.530	117	13867	2.073 ug/l	97
31) Isopropyl Ether	4.015	45	29340	1.985 ug/l	97
32) Ethyl-t-butyl ether	4.526	59	26629	2.007 ug/l	100
33) Tert-Amyl methyl ether	5.964	73	18616	1.811 ug/l	99
34) Propionitrile	4.806	54	3229	13.190 ug/l #	98
35) Benzene	5.784	78	41566	1.992 ug/l	98
36) 1,2-Dichloroethane	5.809	62	12788	2.097 ug/l	97
37) Trichloroethene	6.552	130	9511	1.970 ug/l	98
38) 1,2-Dichloropropane	6.806	63	11319	2.056 ug/l	99
39) Methacrylonitrile	4.996	41	3400	2.045 ug/l	95
40) Methyl acrylate	4.870	55	5104	1.911 ug/l #	98
41) Tetrahydrofuran	5.079	42	3426	4.111 ug/l #	89
42) 1-Chlorobutane	5.465	56	21458	2.074 ug/l	97
43) Dibromomethane	6.931	93	5492	2.029 ug/l	97
44) Bromodichloromethane	7.118	83	13994	2.074 ug/l	98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 11:17:14 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	27293	9.109	ug/l		96
46) t-1,4-Dichloro-2-butene	10.841	75	5184m	3.892	ug/l		
47) Methyl methacrylate	6.980	69	8573	3.732	ug/l		97
48) Ethyl methacrylate	8.349	69	7269	1.740	ug/l		99
49) Toluene	7.980	92	21765	1.888	ug/l		100
50) t-1,3-Dichloropropene	8.221	75	11145	1.907	ug/l		98
51) cis-1,3-Dichloropropene	7.620	75	12798	1.947	ug/l		99
52) 1,1,2-Trichloroethane	8.414	97	7847	2.013	ug/l		99
53) 1,3-Dichloropropane	8.587	76	13653	1.997	ug/l		99
54) 2-Hexanone	8.703	43	19419	9.368	ug/l		90
55) Dibromochloromethane	8.819	129	8384	1.967	ug/l		97
56) 1,2-Dibromoethane	8.935	107	6846	1.981	ug/l		98
58) Tetrachloroethene	8.562	164	9285	2.071	ug/l		99
59) Chlorobenzene	9.455	112	22527	1.861	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.545	131	9064	1.976	ug/l		99
61) Pentachloroethane	11.436	117	7380	1.988	ug/l		91
62) Hexachloroethane	12.484	117	7628	2.070	ug/l		99
63) Ethyl Benzene	9.578	91	35750	1.884	ug/l		99
64) m/p-Xylenes	9.703	106	29080	3.726	ug/l		98
65) o-Xylene	10.108	106	13594	1.883	ug/l		96
66) Styrene	10.124	104	23562	1.854	ug/l		99
67) Bromoform	10.301	173	4691	2.007	ug/l	#	99
69) Isopropylbenzene	10.494	105	35590	1.891	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	10078	1.971	ug/l		99
71) 1,2,3-Trichloropropane	10.835	75	6942m	1.797	ug/l		
72) Bromobenzene	10.790	156	9472	1.923	ug/l		96
73) n-propylbenzene	10.915	120	9990	1.863	ug/l		89
74) 2-Chlorotoluene	10.992	126	9790	1.996	ug/l		98
75) 1,3,5-Trimethylbenzene	11.095	105	32943	1.875	ug/l		100
76) 4-Chlorotoluene	11.105	126	10545	1.988	ug/l		97
77) tert-Butylbenzene	11.430	119	31090	1.857	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	33222	1.851	ug/l		99
79) sec-Butylbenzene	11.652	105	44812	1.906	ug/l		99
80) Nitrobenzene	13.217	77	1690	11.039	ug/l	#	93
81) p-Isopropyltoluene	11.803	119	36506	1.927	ug/l		99
82) 1,3-Dichlorobenzene	11.754	146	22031	2.048	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	21861	2.041	ug/l		99
84) n-Butylbenzene	12.217	91	36049	1.944	ug/l		97
85) 1,2-Dichlorobenzene	12.221	146	20684	2.019	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1469	1.891	ug/l		98
87) 1,2,4-Trichlorobenzene	13.848	180	10477	1.735	ug/l		98
88) Hexachlorobutadiene	14.028	225	7830	1.996	ug/l		97
89) Naphthalene	14.095	128	15267	2.055	ug/l		100
90) 1,2,3-Trichlorobenzene	14.339	180	10027	1.723	ug/l		99

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

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