Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
Data File : VU042702.D
Acq On : 18 Mar 2021 11:27
Operator : SY/MD
Sample : VU0318WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 02:19:34 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 :
VU0318WBS01

Manual Integrations APPROVED
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3/25/2021 1:08:35 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.121	96	15997	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	6098	0.86	ug/l		0.00
Spiked Amount 1.000			Recovery = 86.00%				
68) 1,2-Dichlorobenzene-d4	12.204	152	6894	0.91	ug/l		0.00
Spiked Amount 1.000			Recovery = 91.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	12302	1.97	ug/l		98
3) Chloromethane	1.523	50	11712	1.99	ug/l		98
4) Vinyl Chloride	1.607	62	11304	1.99	ug/l		92
5) Bromomethane	1.858	94	8856	2.36	ug/l		99
6) Chloroethane	1.935	64	7975	2.06	ug/l		91
7) Trichlorofluoromethane	2.141	101	20941	2.16	ug/l		98
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	10503	2.16	ug/l		95
9) 1,1-Dichloroethene	2.587	96	9095	2.16	ug/l		92
10) Iodomethane	2.729	142	12781	1.93	ug/l		99
11) Allyl Chloride	2.932	41	16199	2.01	ug/l		99
12) Acrylonitrile	3.337	53	4654	3.82	ug/l	#	89
13) Acetone	2.642	43	9787	10.31	ug/l		91
14) Carbon Disulfide	2.800	76	26983	2.05	ug/l		99
15) Methylene Chloride	3.054	84	10610	2.08	ug/l		91
16) trans-1,2-Dichloroethene	3.359	96	9506	2.10	ug/l		96
17) 1,1-Dichloroethane	3.880	63	19144	2.05	ug/l		99
18) 2-Butanone	4.739	43	15651	8.99	ug/l		99
19) Cyclohexane	5.391	56	17053m	2.15	ug/l		
20) Methylcyclohexane	6.771	83	13029	1.89	ug/l		98
21) 2,2-Dichloropropane	4.674	77	16776	1.96	ug/l		100
22) cis-1,2-Dichloroethene	4.677	96	10270	2.01	ug/l		98
23) Diethyl Ether	2.382	59	7483	2.10	ug/l		91
24) tert-Butyl Alcohol	3.231	59	5347	21.18	ug/l	#	83
25) Methyl tert-Butyl Ether	3.382	73	24988	2.00	ug/l		97
26) Bromochloromethane	4.983	128	4917	2.00	ug/l		93
27) Chloroform	5.099	83	20610	2.12	ug/l		96
28) 1,1,1-Trichloroethane	5.324	97	18114	2.05	ug/l		99
29) 1,1-Dichloropropene	5.533	75	12183	1.97	ug/l		94
30) Carbon Tetrachloride	5.529	117	14206	2.07	ug/l		90
31) Isopropyl Ether	4.015	45	32919	1.97	ug/l		94
32) Ethyl-t-butyl ether	4.523	59	29891	2.02	ug/l		99
33) Tert-Amyl methyl ether	5.964	73	20309	1.88	ug/l		98
34) Propionitrile	4.816	54	3152	8.23	ug/l	#	72
35) Benzene	5.780	78	34953	2.01	ug/l		98
36) 1,2-Dichloroethane	5.806	62	13621	2.02	ug/l		99
37) Trichloroethene	6.552	130	9722	2.08	ug/l		93
38) 1,2-Dichloropropane	6.806	63	9825	1.97	ug/l		96
39) Methacrylonitrile	4.999	41	5236	2.16	ug/l	#	95
40) Methyl acrylate	4.867	55	6344	2.01	ug/l	#	89
41) Tetrahydrofuran	5.079	42	4806	4.01	ug/l	#	71
42) 1-Chlorobutane	5.465	56	18451	2.02	ug/l		97
43) Dibromomethane	6.931	93	5299	1.94	ug/l		97
44) Bromodichloromethane	7.118	83	12489	1.95	ug/l		95

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	39853	9.70	ug/l		98
46) t-1,4-Dichloro-2-butene	10.844	75	4348m	3.61	ug/l		
47) Methyl methacrylate	6.980	69	9321	3.88	ug/l		98
48) Ethyl methacrylate	8.349	69	9099	1.91	ug/l		100
49) Toluene	7.980	92	21213	1.97	ug/l		98
50) t-1,3-Dichloropropene	8.224	75	10969	1.91	ug/l		99
51) cis-1,3-Dichloropropene	7.616	75	12449	1.94	ug/l		97
52) 1,1,2-Trichloroethane	8.410	97	7478	1.98	ug/l		93
53) 1,3-Dichloropropane	8.584	76	12412	1.91	ug/l		96
54) 2-Hexanone	8.703	43	27916	9.53	ug/l		97
55) Dibromochloromethane	8.819	129	8696	1.94	ug/l		97
56) 1,2-Dibromoethane	8.934	107	7073	1.88	ug/l		98
58) Tetrachloroethene	8.562	164	10025	1.97	ug/l		99
59) Chlorobenzene	9.455	112	23698	1.95	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.545	131	8808	1.85	ug/l		94
61) Pentachloroethane	11.433	117	7395	2.02	ug/l		91
62) Hexachloroethane	12.487	117	7193	1.90	ug/l		95
63) Ethyl Benzene	9.578	91	39685	1.92	ug/l		99
64) m/p-Xylenes	9.703	106	30526	3.83	ug/l		99
65) o-Xylene	10.111	106	14395	1.87	ug/l		96
66) Styrene	10.124	104	24963	1.89	ug/l		98
67) Bromoform	10.298	173	5703	1.95	ug/l	#	98
69) Isopropylbenzene	10.494	105	40012	1.91	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.793	83	9855	1.97	ug/l		99
71) 1,2,3-Trichloropropane	10.835	75	7735m	1.97	ug/l		
72) Bromobenzene	10.790	156	11643	1.98	ug/l		98
73) n-propylbenzene	10.915	120	10887	1.85	ug/l		96
74) 2-Chlorotoluene	10.996	126	10197	1.91	ug/l		98
75) 1,3,5-Trimethylbenzene	11.095	105	36055	1.92	ug/l		99
76) 4-Chlorotoluene	11.108	126	11020	1.95	ug/l		97
77) tert-Butylbenzene	11.430	119	34965	1.87	ug/l		100
78) 1,2,4-Trimethylbenzene	11.478	105	35330	1.82	ug/l		98
79) sec-Butylbenzene	11.651	105	47232	1.88	ug/l		100
80) Nitrobenzene	13.220	77	1074	10.61	ug/l	#	66
81) p-Isopropyltoluene	11.803	119	39454	1.86	ug/l		99
82) 1,3-Dichlorobenzene	11.754	146	22886	1.95	ug/l		99
83) 1,4-Dichlorobenzene	11.848	146	24301	2.05	ug/l		96
84) n-Butylbenzene	12.217	91	37858	1.86	ug/l		97
85) 1,2-Dichlorobenzene	12.221	146	22333	1.93	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1690	1.82	ug/l		96
87) 1,2,4-Trichlorobenzene	13.851	180	14573	1.88	ug/l		97
88) Hexachlorobutadiene	14.031	225	10217	1.96	ug/l		96
89) Naphthalene	14.098	128	20779	2.06	ug/l		98
90) 1,2,3-Trichlorobenzene	14.339	180	13200	1.79	ug/l		99

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

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