Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
Data File : VU042696.D
Acq On : 17 Mar 2021 18:37
Operator : SY/MD
Sample : VU0317WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 18 07:35:21 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 :
VU0317WBS01

Manual Integrations APPROVED
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3/25/2021 1:08:00 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.125	96	15970	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.639	95	6811	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
68) 1,2-Dichlorobenzene-d4	12.205	152	6998	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	13585	2.18	ug/l		99
3) Chloromethane	1.527	50	12469	2.12	ug/l		93
4) Vinyl Chloride	1.610	62	11418	2.01	ug/l		97
5) Bromomethane	1.861	94	9157	2.45	ug/l		93
6) Chloroethane	1.938	64	7999	2.07	ug/l		93
7) Trichlorofluoromethane	2.144	101	21004	2.17	ug/l		96
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10790	2.22	ug/l		95
9) 1,1-Dichloroethene	2.588	96	8877	2.12	ug/l		90
10) Iodomethane	2.729	142	13748	2.08	ug/l		96
11) Allyl Chloride	2.935	41	15950	1.99	ug/l		95
12) Acrylonitrile	3.330	53	5106	4.20	ug/l	#	90
13) Acetone	2.642	43	8677	9.16	ug/l		95
14) Carbon Disulfide	2.800	76	26525	2.02	ug/l		96
15) Methylene Chloride	3.054	84	10777	2.12	ug/l		98
16) trans-1,2-Dichloroethene	3.359	96	9375	2.07	ug/l		99
17) 1,1-Dichloroethane	3.883	63	19954	2.14	ug/l		99
18) 2-Butanone	4.742	43	17480	10.05	ug/l		99
19) Cyclohexane	5.388	56	17426m	2.20	ug/l		
20) Methylcyclohexane	6.768	83	13263	1.93	ug/l		99
21) 2,2-Dichloropropane	4.674	77	17163	2.01	ug/l		99
22) cis-1,2-Dichloroethene	4.678	96	10981	2.15	ug/l		95
23) Diethyl Ether	2.385	59	7733	2.17	ug/l		99
24) tert-Butyl Alcohol	3.228	59	5420m	21.51	ug/l		
25) Methyl tert-Butyl Ether	3.382	73	25945	2.09	ug/l		98
26) Bromochloromethane	4.986	128	5007	2.04	ug/l		97
27) Chloroform	5.099	83	20514	2.11	ug/l		99
28) 1,1,1-Trichloroethane	5.327	97	18093	2.05	ug/l		100
29) 1,1-Dichloropropene	5.533	75	12922	2.09	ug/l		99
30) Carbon Tetrachloride	5.530	117	14002	2.05	ug/l		96
31) Isopropyl Ether	4.012	45	33555	2.02	ug/l		96
32) Ethyl-t-butyl ether	4.523	59	30573	2.07	ug/l		100
33) Tert-Amyl methyl ether	5.964	73	20873	1.94	ug/l		98
34) Propionitrile	4.803	54	3339	8.73	ug/l	#	84
35) Benzene	5.784	78	35076	2.02	ug/l		99
36) 1,2-Dichloroethane	5.806	62	13334	1.98	ug/l		98
37) Trichloroethene	6.552	130	9907	2.13	ug/l		94
38) 1,2-Dichloropropane	6.803	63	9752	1.95	ug/l		92
39) Methacrylonitrile	4.996	41	4731	1.96	ug/l		94
40) Methyl acrylate	4.864	55	6531	2.07	ug/l	#	94
41) Tetrahydrofuran	5.083	42	4725m	3.95	ug/l		
42) 1-Chlorobutane	5.465	56	17864	1.96	ug/l		97
43) Dibromomethane	6.928	93	5738	2.10	ug/l		98
44) Bromodichloromethane	7.115	83	13031	2.04	ug/l		98

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Instrument :
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Quant Time: Mar 18 07:35:21 2021
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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	7.813	43	40350	9.84	ug/l		98
46) t-1,4-Dichloro-2-butene	10.841	75	4868m	3.89	ug/l		
47) Methyl methacrylate	6.980	69	9322	3.89	ug/l		95
48) Ethyl methacrylate	8.346	69	8807	1.85	ug/l		95
49) Toluene	7.980	92	21386	1.99	ug/l		99
50) t-1,3-Dichloropropene	8.224	75	10826	1.88	ug/l		97
51) cis-1,3-Dichloropropene	7.620	75	12005	1.87	ug/l		98
52) 1,1,2-Trichloroethane	8.414	97	7459	1.98	ug/l		94
53) 1,3-Dichloropropane	8.587	76	13166	2.02	ug/l		95
54) 2-Hexanone	8.703	43	27653	9.45	ug/l		97
55) Dibromochloromethane	8.822	129	8635	1.93	ug/l		96
56) 1,2-Dibromoethane	8.935	107	7186	1.92	ug/l		98
58) Tetrachloroethene	8.559	164	9776	1.93	ug/l		95
59) Chlorobenzene	9.456	112	24339	2.00	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.546	131	9196	1.93	ug/l		95
61) Pentachloroethane	11.436	117	7251	1.98	ug/l		96
62) Hexachloroethane	12.484	117	6891	1.82	ug/l		95
63) Ethyl Benzene	9.578	91	40824	1.98	ug/l		98
64) m/p-Xylenes	9.703	106	30662	3.85	ug/l		98
65) o-Xylene	10.108	106	15192	1.97	ug/l		97
66) Styrene	10.121	104	25723	1.95	ug/l		100
67) Bromoform	10.301	173	5529	1.89	ug/l		98
69) Isopropylbenzene	10.491	105	41187	1.97	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	9897	1.99	ug/l		96
71) 1,2,3-Trichloropropane	10.835	75	8554m	2.18	ug/l		
72) Bromobenzene	10.790	156	11811	2.01	ug/l		100
73) n-propylbenzene	10.912	120	11147	1.90	ug/l		95
74) 2-Chlorotoluene	10.996	126	10886	2.04	ug/l		95
75) 1,3,5-Trimethylbenzene	11.095	105	36227	1.93	ug/l		97
76) 4-Chlorotoluene	11.105	126	10999	1.94	ug/l		96
77) tert-Butylbenzene	11.430	119	35323	1.90	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	38390	1.98	ug/l		99
79) sec-Butylbenzene	11.652	105	48161	1.92	ug/l		100
80) Nitrobenzene	13.217	77	954	9.94	ug/l	#	73
81) p-Isopropyltoluene	11.803	119	40109	1.90	ug/l		99
82) 1,3-Dichlorobenzene	11.755	146	23020	1.96	ug/l		96
83) 1,4-Dichlorobenzene	11.845	146	23246	1.97	ug/l		99
84) n-Butylbenzene	12.218	91	37355	1.84	ug/l		97
85) 1,2-Dichlorobenzene	12.221	146	22819	1.98	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1531	1.65	ug/l		91
87) 1,2,4-Trichlorobenzene	13.851	180	14498	1.87	ug/l		97
88) Hexachlorobutadiene	14.031	225	10414	2.00	ug/l		98
89) Naphthalene	14.098	128	21451	2.10	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	13673	1.86	ug/l		98

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

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