Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
Data File : VU042704.D
Acq On : 18 Mar 2021 12:32
Operator : SY/MD
Sample : M1458-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 02:22:16 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 :
LOQ-WATER-02-QT1-2021

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3/25/2021 1:08:46 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	15844	1.00	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	6146	0.87	ug/l		0.00
Spiked Amount 1.000			Recovery = 87.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	7070	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	5829	0.94	ug/l		97
3) Chloromethane	1.526	50	5476	0.94	ug/l		99
4) Vinyl Chloride	1.610	62	4930	0.88	ug/l		100
5) Bromomethane	1.858	94	3928	1.06	ug/l		96
6) Chloroethane	1.938	64	4203	1.09	ug/l		97
7) Trichlorofluoromethane	2.141	101	8456	0.88	ug/l		91
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	4806	1.00	ug/l		95
9) 1,1-Dichloroethene	2.587	96	3730	0.90	ug/l		93
10) Iodomethane	2.729	142	6155	0.94	ug/l		94
11) Allyl Chloride	2.935	41	7330	0.92	ug/l		97
12) Acrylonitrile	3.333	53	2026	1.68	ug/l		97
13) Acetone	2.645	43	4024	4.28	ug/l		97
14) Carbon Disulfide	2.796	76	11659	0.89	ug/l	#	94
15) Methylene Chloride	3.054	84	5077	1.01	ug/l		89
16) trans-1,2-Dichloroethene	3.366	96	4359	0.97	ug/l		96
17) 1,1-Dichloroethane	3.880	63	8680	0.94	ug/l		98
18) 2-Butanone	4.735	43	7396	4.29	ug/l		94
19) Cyclohexane	5.388	56	7674m	0.98	ug/l		
20) Methylcyclohexane	6.767	83	5544	0.81	ug/l		97
21) 2,2-Dichloropropane	4.674	77	8265	0.97	ug/l	#	76
22) cis-1,2-Dichloroethene	4.681	96	4693	0.93	ug/l		97
23) Diethyl Ether	2.388	59	3570	1.01	ug/l		96
24) tert-Butyl Alcohol	3.227	59	3129m	12.51	ug/l		
25) Methyl tert-Butyl Ether	3.382	73	11246	0.91	ug/l		95
26) Bromochloromethane	4.980	128	2245	0.92	ug/l		97
27) Chloroform	5.099	83	9182	0.95	ug/l		94
28) 1,1,1-Trichloroethane	5.320	97	7997	0.91	ug/l		94
29) 1,1-Dichloropropene	5.536	75	5534	0.90	ug/l		92
30) Carbon Tetrachloride	5.529	117	6063	0.89	ug/l		94
31) Isopropyl Ether	4.012	45	14834	0.90	ug/l		96
32) Ethyl-t-butyl ether	4.526	59	12963	0.88	ug/l		98
33) Tert-Amyl methyl ether	5.964	73	9008	0.84	ug/l		99
34) Propionitrile	4.822	54	1957m	5.16	ug/l		
35) Benzene	5.783	78	15149	0.88	ug/l		98
36) 1,2-Dichloroethane	5.809	62	5577	0.84	ug/l	#	94
37) Trichloroethene	6.549	130	4218	0.91	ug/l		96
38) 1,2-Dichloropropane	6.800	63	4320	0.87	ug/l		92
39) Methacrylonitrile	4.999	41	2137	0.89	ug/l	#	83
40) Methyl acrylate	4.867	55	3047	0.97	ug/l	#	91
41) Tetrahydrofuran	5.086	42	2031	1.71	ug/l	#	79
42) 1-Chlorobutane	5.465	56	8259	0.91	ug/l		97
43) Dibromomethane	6.928	93	2449	0.90	ug/l		95
44) Bromodichloromethane	7.115	83	5561	0.88	ug/l		96

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Sample : M1458-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Mar 19 02:22:16 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
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	17144	4.21	ug/l		96
46) t-1,4-Dichloro-2-butene	10.841	75	1901m	2.34	ug/l		
47) Methyl methacrylate	6.980	69	3865	1.63	ug/l		98
48) Ethyl methacrylate	8.349	69	3768	0.80	ug/l		97
49) Toluene	7.980	92	8455	0.79	ug/l		96
50) t-1,3-Dichloropropene	8.224	75	4582	0.80	ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	4937	0.78	ug/l		91
52) 1,1,2-Trichloroethane	8.414	97	3245	0.87	ug/l		99
53) 1,3-Dichloropropane	8.587	76	5407	0.84	ug/l		95
54) 2-Hexanone	8.703	43	10807	3.72	ug/l		98
55) Dibromochloromethane	8.822	129	3465	0.78	ug/l		98
56) 1,2-Dibromoethane	8.934	107	3193	0.86	ug/l		94
58) Tetrachloroethene	8.558	164	4232	0.84	ug/l		95
59) Chlorobenzene	9.455	112	9849	0.82	ug/l		93
60) 1,1,1,2-Tetrachloroethane	9.539	131	4382	0.93	ug/l		92
61) Pentachloroethane	11.436	117	3100	0.85	ug/l		95
62) Hexachloroethane	12.481	117	2912	0.78	ug/l		92
63) Ethyl Benzene	9.578	91	16263	0.79	ug/l		97
64) m/p-Xylenes	9.703	106	12127	1.54	ug/l		96
65) o-Xylene	10.108	106	6206	0.81	ug/l		94
66) Styrene	10.121	104	10259	0.78	ug/l		98
67) Bromoform	10.301	173	2170	0.75	ug/l	#	85
69) Isopropylbenzene	10.491	105	16064	0.77	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	4211	0.85	ug/l		96
71) 1,2,3-Trichloropropane	10.835	75	3385m	0.87	ug/l		
72) Bromobenzene	10.793	156	5279	0.90	ug/l		92
73) n-propylbenzene	10.915	120	4140	0.71	ug/l		87
74) 2-Chlorotoluene	10.992	126	4171	0.79	ug/l		100
75) 1,3,5-Trimethylbenzene	11.095	105	13380	0.72	ug/l		97
76) 4-Chlorotoluene	11.105	126	4250	0.76	ug/l		95
77) tert-Butylbenzene	11.430	119	14376	0.78	ug/l		98
78) 1,2,4-Trimethylbenzene	11.475	105	13728	0.72	ug/l		98
79) sec-Butylbenzene	11.651	105	19345	0.78	ug/l		99
80) Nitrobenzene	13.224	77	336	6.50	ug/l	#	64
81) p-Isopropyltoluene	11.803	119	15171	0.72	ug/l		98
82) 1,3-Dichlorobenzene	11.754	146	9697	0.83	ug/l		98
83) 1,4-Dichlorobenzene	11.844	146	9776	0.83	ug/l		96
84) n-Butylbenzene	12.217	91	14400	0.72	ug/l		95
85) 1,2-Dichlorobenzene	12.221	146	8910	0.78	ug/l		95
86) 1,2-Dibromo-3-Chloropr...	13.002	75	641	0.70	ug/l	#	84
87) 1,2,4-Trichlorobenzene	13.847	180	5835	0.76	ug/l		97
88) Hexachlorobutadiene	14.028	225	4597	0.89	ug/l		97
89) Naphthalene	14.095	128	8321	1.32	ug/l		97
90) 1,2,3-Trichlorobenzene	14.339	180	5499	0.75	ug/l		97

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

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