Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060421\
Data File : VU044047.D
Acq On : 04 Jun 2021 12:34
Operator : SY/MD
Sample : VU0604WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 02:16:34 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 :
VU0604WBSD01

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SAM
6/9/2021 7:00:13 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.121	96	16289	1.000	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	5433	0.959	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.000%				
68) 1,2-Dichlorobenzene-d4	12.201	152	6340	1.050	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.392	85	14293	2.084	ug/l		97
3) Chloromethane	1.527	50	15182	2.052	ug/l		100
4) Vinyl Chloride	1.610	62	14398	2.064	ug/l		99
5) Bromomethane	1.864	94	8381	2.016	ug/l		97
6) Chloroethane	1.941	64	8319	1.954	ug/l		97
7) Trichlorofluoromethane	2.147	101	15780	2.014	ug/l		100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	9306	2.060	ug/l		97
9) 1,1-Dichloroethene	2.591	96	8643	2.025	ug/l		99
10) Iodomethane	2.732	142	10704	1.949	ug/l		98
11) Allyl Chloride	2.932	41	14186	2.063	ug/l		100
12) Acrylonitrile	3.330	53	3672	4.220	ug/l		87
13) Acetone	2.639	43	5102	13.409	ug/l		95
14) Carbon Disulfide	2.800	76	29323	1.993	ug/l		99
15) Methylene Chloride	3.054	84	11671	2.009	ug/l		94
16) trans-1,2-Dichloroethene	3.362	96	9411	1.995	ug/l		98
17) 1,1-Dichloroethane	3.880	63	19022	2.099	ug/l		98
18) 2-Butanone	4.739	43	10946	10.010	ug/l		97
19) Cyclohexane	5.388	56	17765m	2.065	ug/l		
20) Methylcyclohexane	6.767	83	12181	1.770	ug/l		95
21) 2,2-Dichloropropane	4.674	77	14833	2.064	ug/l		99
22) cis-1,2-Dichloroethene	4.674	96	9966	1.980	ug/l		95
23) Diethyl Ether	2.385	59	6837	1.959	ug/l		98
24) tert-Butyl Alcohol	3.211	59	3989	9.810	ug/l	#	86
25) Methyl tert-Butyl Ether	3.382	73	21370	1.993	ug/l	#	92
26) Bromochloromethane	4.986	128	4050	1.989	ug/l		95
27) Chloroform	5.102	83	18094	2.047	ug/l		99
28) 1,1,1-Trichloroethane	5.324	97	15094	2.022	ug/l		98
29) 1,1-Dichloropropene	5.530	75	13951	1.996	ug/l		99
30) Carbon Tetrachloride	5.530	117	13576	2.086	ug/l		97
31) Isopropyl Ether	4.018	45	29154	2.027	ug/l		99
32) Ethyl-t-butyl ether	4.526	59	25394	1.966	ug/l		98
33) Tert-Amyl methyl ether	5.964	73	18666	1.866	ug/l		97
34) Propionitrile	4.806	54	2594	11.062	ug/l	#	86
35) Benzene	5.780	78	39794	1.959	ug/l		99
36) 1,2-Dichloroethane	5.809	62	12317	2.075	ug/l		98
37) Trichloroethene	6.549	130	9001	1.916	ug/l		94
38) 1,2-Dichloropropane	6.803	63	10572	1.973	ug/l		99
39) Methacrylonitrile	4.996	41	3260	2.015	ug/l		91
40) Methyl acrylate	4.870	55	4378	1.684	ug/l	#	93
41) Tetrahydrofuran	5.086	42	2791	3.441	ug/l		95
42) 1-Chlorobutane	5.465	56	20168	2.003	ug/l		99
43) Dibromomethane	6.928	93	5403	2.051	ug/l		97
44) Bromodichloromethane	7.118	83	13487	2.054	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	26738	9.170	ug/l		94
46) t-1,4-Dichloro-2-butene	10.841	75	4866m	3.754	ug/l		
47) Methyl methacrylate	6.980	69	8163	3.652	ug/l		96
48) Ethyl methacrylate	8.349	69	7150	1.758	ug/l		98
49) Toluene	7.976	92	20581	1.835	ug/l		98
50) t-1,3-Dichloropropene	8.221	75	10726	1.886	ug/l		100
51) cis-1,3-Dichloropropene	7.620	75	12096	1.891	ug/l		98
52) 1,1,2-Trichloroethane	8.411	97	7695	2.029	ug/l		99
53) 1,3-Dichloropropane	8.587	76	13504	2.030	ug/l		97
54) 2-Hexanone	8.703	43	18678	9.259	ug/l		91
55) Dibromochloromethane	8.819	129	8143	1.963	ug/l		98
56) 1,2-Dibromoethane	8.935	107	6713	1.996	ug/l		98
58) Tetrachloroethene	8.562	164	8580	1.966	ug/l		98
59) Chlorobenzene	9.455	112	22024	1.870	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.542	131	8891	1.991	ug/l		97
61) Pentachloroethane	11.436	117	7202	1.994	ug/l		95
62) Hexachloroethane	12.481	117	7041	1.964	ug/l		98
63) Ethyl Benzene	9.578	91	33096	1.817	ug/l		100
64) m/p-Xylenes	9.703	106	27011	3.596	ug/l		98
65) o-Xylene	10.108	106	12520	1.805	ug/l		96
66) Styrene	10.124	104	22285	1.815	ug/l		99
67) Bromoform	10.298	173	4492	1.975	ug/l	#	98
69) Isopropylbenzene	10.491	105	33620	1.850	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.793	83	10079	2.025	ug/l		97
71) 1,2,3-Trichloropropane	10.835	75	7658m	2.037	ug/l		
72) Bromobenzene	10.790	156	9255	1.930	ug/l		99
73) n-propylbenzene	10.915	120	9338	1.808	ug/l		91
74) 2-Chlorotoluene	10.992	126	9027	1.891	ug/l		94
75) 1,3,5-Trimethylbenzene	11.095	105	30981	1.826	ug/l		100
76) 4-Chlorotoluene	11.105	126	10169	1.970	ug/l		100
77) tert-Butylbenzene	11.430	119	29676	1.821	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	31280	1.805	ug/l		100
79) sec-Butylbenzene	11.652	105	42598	1.871	ug/l		99
80) Nitrobenzene	13.217	77	1303	8.746	ug/l	#	87
81) p-Isopropyltoluene	11.803	119	34020	1.865	ug/l		98
82) 1,3-Dichlorobenzene	11.754	146	21180	2.023	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	21437	2.056	ug/l		99
84) n-Butylbenzene	12.217	91	33474	1.877	ug/l		96
85) 1,2-Dichlorobenzene	12.221	146	19778	1.984	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1520	2.011	ug/l		94
87) 1,2,4-Trichlorobenzene	13.848	180	10163	1.730	ug/l		99
88) Hexachlorobutadiene	14.028	225	7584	1.987	ug/l		97
89) Naphthalene	14.095	128	14940	2.061	ug/l		100
90) 1,2,3-Trichlorobenzene	14.340	180	9391	1.658	ug/l		97

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

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