Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
Data File : VU042543.D
Acq On : 09 Mar 2021 18:02
Operator : SY/MD
Sample : VU0309WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 06:51:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Manual Integrations APPROVED
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3/12/2021 5:18:31 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.125	96	19526	1.00	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	8618	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	8678	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	15337	1.92	ug/l		93
3) Chloromethane	1.527	50	14076	2.01	ug/l		100
4) Vinyl Chloride	1.610	62	13853	2.02	ug/l		97
5) Bromomethane	1.864	94	8550	2.09	ug/l		94
6) Chloroethane	1.938	64	8632	2.07	ug/l		98
7) Trichlorofluoromethane	2.147	101	23255	2.06	ug/l		95
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	11821	2.05	ug/l		99
9) 1,1-Dichloroethene	2.588	96	9828	1.97	ug/l		98
10) Iodomethane	2.729	142	15568	1.95	ug/l		96
11) Allyl Chloride	2.935	41	17937	1.89	ug/l		99
12) Acrylonitrile	3.330	53	5063	4.14	ug/l		90
13) Acetone	2.636	43	8746	10.99	ug/l		92
14) Carbon Disulfide	2.803	76	31774	1.95	ug/l		97
15) Methylene Chloride	3.054	84	11809	2.03	ug/l		99
16) trans-1,2-Dichloroethene	3.363	96	10512	1.97	ug/l		97
17) 1,1-Dichloroethane	3.880	63	21352	2.00	ug/l		98
18) 2-Butanone	4.735	43	15627	9.74	ug/l		97
19) Cyclohexane	5.391	56	19632m	2.00	ug/l		
20) Methylcyclohexane	6.768	83	16082	1.85	ug/l		94
21) 2,2-Dichloropropane	4.671	77	19531	1.94	ug/l		97
22) cis-1,2-Dichloroethene	4.678	96	12005	2.06	ug/l		93
23) Diethyl Ether	2.385	59	8089	1.94	ug/l		95
24) tert-Butyl Alcohol	3.205	59	5401	23.67	ug/l	#	92
25) Methyl tert-Butyl Ether	3.379	73	28254	2.01	ug/l		92
26) Bromochloromethane	4.989	128	5792	2.04	ug/l		98
27) Chloroform	5.099	83	22301	2.03	ug/l		97
28) 1,1,1-Trichloroethane	5.327	97	20969	2.07	ug/l		98
29) 1,1-Dichloropropene	5.530	75	14824	1.97	ug/l		99
30) Carbon Tetrachloride	5.530	117	16427m	1.92	ug/l		
31) Isopropyl Ether	4.012	45	36579	1.95	ug/l		95
32) Ethyl-t-butyl ether	4.523	59	33647	2.02	ug/l		99
33) Tert-Amyl methyl ether	5.961	73	26283	1.96	ug/l		98
34) Propionitrile	4.800	54	3944	11.45	ug/l	#	92
35) Benzene	5.784	78	42765	2.03	ug/l		99
36) 1,2-Dichloroethane	5.809	62	16068	1.99	ug/l		100
37) Trichloroethene	6.549	130	12042	2.01	ug/l		99
38) 1,2-Dichloropropane	6.803	63	11984	2.05	ug/l		97
39) Methacrylonitrile	4.996	41	5485	2.28	ug/l	#	96
40) Methyl acrylate	4.864	55	6863	2.05	ug/l		99
41) Tetrahydrofuran	5.083	42	5156	4.59	ug/l		89
42) 1-Chlorobutane	5.465	56	22617	2.02	ug/l		98
43) Dibromomethane	6.932	93	6461	1.94	ug/l		95
44) Bromodichloromethane	7.118	83	15045	1.95	ug/l		92

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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	7.813	43	47725	9.81	ug/l		100
46) t-1,4-Dichloro-2-butene	10.845	75	4999m	3.65	ug/l		
47) Methyl methacrylate	6.980	69	11634	3.87	ug/l		97
48) Ethyl methacrylate	8.346	69	10996	1.83	ug/l		98
49) Toluene	7.977	92	25672	1.92	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	13127	1.80	ug/l		97
51) cis-1,3-Dichloropropene	7.620	75	15353	1.92	ug/l		100
52) 1,1,2-Trichloroethane	8.411	97	8688	1.99	ug/l		98
53) 1,3-Dichloropropane	8.587	76	15307	1.96	ug/l		100
54) 2-Hexanone	8.703	43	33463	9.53	ug/l		98
55) Dibromochloromethane	8.822	129	10255	1.89	ug/l		95
56) 1,2-Dibromoethane	8.935	107	8758	1.94	ug/l		95
58) Tetrachloroethene	8.562	164	11620	1.97	ug/l		89
59) Chlorobenzene	9.456	112	28524	1.94	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	10733	1.92	ug/l		96
61) Pentachloroethane	11.436	117	8607	1.88	ug/l		96
62) Hexachloroethane	12.484	117	8014	1.90	ug/l		96
63) Ethyl Benzene	9.578	91	47995	1.86	ug/l		98
64) m/p-Xylenes	9.703	106	37261	3.80	ug/l		98
65) o-Xylene	10.108	106	18351	1.93	ug/l		98
66) Styrene	10.121	104	29357	1.81	ug/l		99
67) Bromoform	10.301	173	6303	1.78	ug/l		93
69) Isopropylbenzene	10.494	105	48719	1.88	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.793	83	11965	2.00	ug/l		94
71) 1,2,3-Trichloropropane	10.838	75	10315m	2.12	ug/l		
72) Bromobenzene	10.790	156	13948	1.98	ug/l		99
73) n-propylbenzene	10.912	120	13299	1.87	ug/l		95
74) 2-Chlorotoluene	10.996	126	12721	1.99	ug/l		100
75) 1,3,5-Trimethylbenzene	11.095	105	43995	1.90	ug/l		99
76) 4-Chlorotoluene	11.105	126	13210	1.97	ug/l		99
77) tert-Butylbenzene	11.430	119	44310	1.92	ug/l		97
78) 1,2,4-Trimethylbenzene	11.475	105	45169	1.96	ug/l		99
79) sec-Butylbenzene	11.652	105	56914	1.96	ug/l		100
80) Nitrobenzene	13.221	77	1089	9.39	ug/l	#	88
81) p-Isopropyltoluene	11.803	119	48237	1.94	ug/l		99
82) 1,3-Dichlorobenzene	11.755	146	27575	2.01	ug/l		97
83) 1,4-Dichlorobenzene	11.845	146	27000	1.95	ug/l		99
84) n-Butylbenzene	12.217	91	45573	2.01	ug/l		96
85) 1,2-Dichlorobenzene	12.221	146	25865	1.91	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	2132	1.92	ug/l		98
87) 1,2,4-Trichlorobenzene	13.851	180	16894	1.92	ug/l		98
88) Hexachlorobutadiene	14.031	225	11867	1.96	ug/l		97
89) Naphthalene	14.098	128	27925	1.94	ug/l		98
90) 1,2,3-Trichlorobenzene	14.340	180	19380	2.16	ug/l		99

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

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