Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042210.D
Acq On : 28 Jan 2021 19:01
Operator : SY/MD
Sample : VU0128WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 16:53:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 09:59:59 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0128WBS01

Manual Integrations APPROVED
SAM
2/3/2021 5:10:46 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	13748	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	5095	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	5282	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	10306	1.92	ug/l		96
3) Chloromethane	1.523	50	9450	1.93	ug/l		96
4) Vinyl Chloride	1.610	62	8935	1.92	ug/l		96
5) Bromomethane	1.864	94	4784	2.07	ug/l		98
6) Chloroethane	1.941	64	5092	1.95	ug/l		96
7) Trichlorofluoromethane	2.147	101	12891	1.98	ug/l		98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	6710	1.92	ug/l		98
9) 1,1-Dichloroethene	2.591	96	6138	1.96	ug/l		95
10) Iodomethane	2.732	142	9058	1.98	ug/l		99
11) Allyl Chloride	2.932	41	12576	1.97	ug/l		99
12) Acrylonitrile	3.330	53	2805	3.49	ug/l		96
13) Acetone	2.639	43	4930	9.22	ug/l		99
14) Carbon Disulfide	2.803	76	20282	1.98	ug/l		98
15) Methylene Chloride	3.057	84	7015	1.79	ug/l		99
16) trans-1,2-Dichloroethene	3.362	96	6415	1.90	ug/l		95
17) 1,1-Dichloroethane	3.883	63	13563	2.02	ug/l		98
18) 2-Butanone	4.732	43	9485	9.01	ug/l		99
19) Cyclohexane	5.391	56	13248m	1.97	ug/l		
20) Methylcyclohexane	6.771	83	13265	1.91	ug/l		98
21) 2,2-Dichloropropane	4.678	77	12213	1.90	ug/l		98
22) cis-1,2-Dichloroethene	4.678	96	7225	1.93	ug/l		99
23) Diethyl Ether	2.385	59	5181	2.02	ug/l		98
24) tert-Butyl Alcohol	3.221	59	3285	17.19	ug/l	#	72
25) Methyl tert-Butyl Ether	3.379	73	18107	1.95	ug/l		97
26) Bromochloromethane	4.989	128	3484	2.05	ug/l		96
27) Chloroform	5.102	83	13164	1.98	ug/l		98
28) 1,1,1-Trichloroethane	5.324	97	12266	1.99	ug/l		99
29) 1,1-Dichloropropene	5.533	75	11160	1.95	ug/l		99
30) Carbon Tetrachloride	5.530	117	11281	1.94	ug/l		97
31) Isopropyl Ether	4.012	45	24593	1.96	ug/l		100
32) Ethyl-t-butyl ether	4.523	59	22164	1.97	ug/l		99
33) Tert-Amyl methyl ether	5.960	73	19906	1.89	ug/l		98
34) Propionitrile	4.800	54	2498	9.32	ug/l	#	93
35) Benzene	5.784	78	29737	1.96	ug/l		99
36) 1,2-Dichloroethane	5.809	62	10471	1.91	ug/l		99
37) Trichloroethene	6.552	130	7912	1.94	ug/l		100
38) 1,2-Dichloropropane	6.806	63	7982	1.93	ug/l		95
39) Methacrylonitrile	4.996	41	2913m	1.87	ug/l		
40) Methyl acrylate	4.867	55	3774m	1.79	ug/l		
41) Tetrahydrofuran	5.083	42	2642m	3.94	ug/l		
42) 1-Chlorobutane	5.468	56	16160	1.93	ug/l		100
43) Dibromomethane	6.931	93	4296	1.98	ug/l		95
44) Bromodichloromethane	7.118	83	10502	1.98	ug/l		95

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Feb 03 16:53:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 09:59:59 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	34791	9.64	ug/l		99
46) t-1,4-Dichloro-2-butene	10.848	75	3514m	3.03	ug/l		
47) Methyl methacrylate	6.976	69	8456	3.76	ug/l		96
48) Ethyl methacrylate	8.346	69	9122	1.92	ug/l		98
49) Toluene	7.976	92	18209	1.92	ug/l		98
50) t-1,3-Dichloropropene	8.221	75	9918	1.82	ug/l		97
51) cis-1,3-Dichloropropene	7.620	75	11581	1.90	ug/l		97
52) 1,1,2-Trichloroethane	8.414	97	5761	1.94	ug/l		99
53) 1,3-Dichloropropane	8.587	76	10320	1.91	ug/l		99
54) 2-Hexanone	8.703	43	25213	9.64	ug/l		98
55) Dibromochloromethane	8.819	129	6882	1.92	ug/l		99
56) 1,2-Dibromoethane	8.935	107	5845	1.98	ug/l		100
58) Tetrachloroethene	8.562	164	7000	1.96	ug/l		98
59) Chlorobenzene	9.455	112	19712	1.92	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.542	131	7277	1.88	ug/l		98
61) Pentachloroethane	11.439	117	5570	1.83	ug/l		96
62) Hexachloroethane	12.484	117	5464	1.82	ug/l		96
63) Ethyl Benzene	9.578	91	35490	1.90	ug/l		98
64) m/p-Xylenes	9.703	106	26734	3.85	ug/l		97
65) o-Xylene	10.108	106	13490	1.97	ug/l		98
66) Styrene	10.121	104	21952	1.91	ug/l		99
67) Bromoform	10.301	173	4252	1.89	ug/l		94
69) Isopropylbenzene	10.491	105	35756	1.94	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	7631	1.95	ug/l		99
71) 1,2,3-Trichloropropane	10.838	75	5897m	1.92	ug/l		
72) Bromobenzene	10.790	156	8888	1.91	ug/l		99
73) n-propylbenzene	10.915	120	9334	1.90	ug/l		100
74) 2-Chlorotoluene	10.992	126	8400	1.92	ug/l		98
75) 1,3,5-Trimethylbenzene	11.095	105	30475	1.90	ug/l		100
76) 4-Chlorotoluene	11.105	126	8317	1.87	ug/l		92
77) tert-Butylbenzene	11.430	119	30856	1.94	ug/l		98
78) 1,2,4-Trimethylbenzene	11.475	105	31177	1.94	ug/l		99
79) sec-Butylbenzene	11.652	105	39340	1.93	ug/l		100
80) Nitrobenzene	13.224	77	950	8.69	ug/l	#	74
81) p-Isopropyltoluene	11.803	119	33518	1.93	ug/l		99
82) 1,3-Dichlorobenzene	11.754	146	17046	1.94	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	16860	1.91	ug/l		98
84) n-Butylbenzene	12.217	91	30548	1.84	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	16661	1.95	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.008	75	1391	1.74	ug/l		98
87) 1,2,4-Trichlorobenzene	13.851	180	12138	1.85	ug/l		99
88) Hexachlorobutadiene	14.031	225	6946	1.88	ug/l		100
89) Naphthalene	14.098	128	22332	1.82	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	11143	1.86	ug/l		99

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

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