Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042211.D
Acq On : 28 Jan 2021 19:31
Operator : SY/MD
Sample : VU0128WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 29 10:30:41 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 :
VU0128WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.125	96	13664	1.00	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	5304	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	5135	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	9893	1.86	ug/l		98
3) Chloromethane	1.523	50	9024	1.86	ug/l		99
4) Vinyl Chloride	1.607	62	8813	1.90	ug/l		98
5) Bromomethane	1.864	94	4778	2.08	ug/l		95
6) Chloroethane	1.941	64	4936	1.91	ug/l		95
7) Trichlorofluoromethane	2.147	101	12470	1.93	ug/l		100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	6585	1.90	ug/l		100
9) 1,1-Dichloroethene	2.591	96	5907	1.90	ug/l		98
10) Iodomethane	2.732	142	8862	1.95	ug/l		99
11) Allyl Chloride	2.932	41	12187	1.92	ug/l		97
12) Acrylonitrile	3.330	53	2838	3.56	ug/l		91
13) Acetone	2.639	43	4778	8.99	ug/l		95
14) Carbon Disulfide	2.803	76	19654	1.93	ug/l		99
15) Methylene Chloride	3.054	84	7041	1.81	ug/l		97
16) trans-1,2-Dichloroethene	3.363	96	6480	1.93	ug/l		97
17) 1,1-Dichloroethane	3.880	63	12788	1.91	ug/l		98
18) 2-Butanone	4.736	43	10952	10.47	ug/l		97
19) Cyclohexane	5.391	56	13102m	1.97	ug/l		
20) Methylcyclohexane	6.768	83	12567	1.82	ug/l		98
21) 2,2-Dichloropropane	4.678	77	11531	1.81	ug/l		99
22) cis-1,2-Dichloroethene	4.681	96	7166	1.92	ug/l		98
23) Diethyl Ether	2.382	59	4862	1.91	ug/l		95
24) tert-Butyl Alcohol	3.215	59	3322	17.49	ug/l	#	86
25) Methyl tert-Butyl Ether	3.379	73	17567	1.90	ug/l		95
26) Bromochloromethane	4.983	128	3352	1.98	ug/l		99
27) Chloroform	5.102	83	12705	1.92	ug/l		99
28) 1,1,1-Trichloroethane	5.324	97	11983	1.96	ug/l		99
29) 1,1-Dichloropropene	5.536	75	10695	1.88	ug/l		99
30) Carbon Tetrachloride	5.533	117	10661	1.84	ug/l		99
31) Isopropyl Ether	4.015	45	23711	1.91	ug/l		95
32) Ethyl-t-butyl ether	4.523	59	21351	1.91	ug/l		100
33) Tert-Amyl methyl ether	5.964	73	19920	1.90	ug/l		97
34) Propionitrile	4.806	54	2317	8.70	ug/l	#	76
35) Benzene	5.781	78	28532	1.89	ug/l		98
36) 1,2-Dichloroethane	5.809	62	10343	1.90	ug/l		98
37) Trichloroethene	6.552	130	7511	1.85	ug/l		99
38) 1,2-Dichloropropane	6.803	63	7847	1.91	ug/l		98
39) Methacrylonitrile	4.996	41	2955	1.90	ug/l	#	89
40) Methyl acrylate	4.864	55	3830m	1.83	ug/l		
41) Tetrahydrofuran	5.086	42	2645m	3.97	ug/l		
42) 1-Chlorobutane	5.465	56	15685	1.89	ug/l		98
43) Dibromomethane	6.928	93	4231	1.96	ug/l		98
44) Bromodichloromethane	7.118	83	9827	1.86	ug/l		98

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Quant Time: Jan 29 10:30:41 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	34635	9.66	ug/l		98
46) t-1,4-Dichloro-2-butene	10.848	75	3453m	3.00	ug/l		
47) Methyl methacrylate	6.977	69	8311	3.72	ug/l		93
48) Ethyl methacrylate	8.346	69	9187	1.94	ug/l		97
49) Toluene	7.977	92	17877	1.90	ug/l		100
50) t-1,3-Dichloropropene	8.221	75	9936	1.84	ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	11062	1.83	ug/l		99
52) 1,1,2-Trichloroethane	8.411	97	5502	1.86	ug/l		97
53) 1,3-Dichloropropane	8.588	76	10124	1.89	ug/l		99
54) 2-Hexanone	8.703	43	25523	9.82	ug/l		97
55) Dibromochloromethane	8.819	129	6609	1.86	ug/l		96
56) 1,2-Dibromoethane	8.935	107	5817	1.99	ug/l		97
58) Tetrachloroethene	8.562	164	6659	1.88	ug/l		95
59) Chlorobenzene	9.456	112	19110	1.87	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	7042	1.83	ug/l		99
61) Pentachloroethane	11.436	117	5282	1.75	ug/l		93
62) Hexachloroethane	12.484	117	5279	1.77	ug/l		99
63) Ethyl Benzene	9.578	91	34828	1.88	ug/l		99
64) m/p-Xylenes	9.703	106	26079	3.78	ug/l		99
65) o-Xylene	10.108	106	13021	1.91	ug/l		98
66) Styrene	10.121	104	21430	1.88	ug/l		99
67) Bromoform	10.301	173	4085	1.83	ug/l		94
69) Isopropylbenzene	10.491	105	34490	1.88	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.793	83	7214	1.86	ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	5250m	1.72	ug/l		
72) Bromobenzene	10.790	156	8554	1.85	ug/l		96
73) n-propylbenzene	10.912	120	8948	1.83	ug/l		98
74) 2-Chlorotoluene	10.996	126	8226	1.89	ug/l		100
75) 1,3,5-Trimethylbenzene	11.095	105	29609	1.86	ug/l		99
76) 4-Chlorotoluene	11.105	126	8317	1.88	ug/l		98
77) tert-Butylbenzene	11.430	119	29672	1.88	ug/l		98
78) 1,2,4-Trimethylbenzene	11.475	105	30549	1.91	ug/l		100
79) sec-Butylbenzene	11.652	105	38400	1.89	ug/l		99
80) Nitrobenzene	13.221	77	1016	9.35	ug/l	#	70
81) p-Isopropyltoluene	11.803	119	32210	1.87	ug/l		98
82) 1,3-Dichlorobenzene	11.755	146	16652	1.91	ug/l		97
83) 1,4-Dichlorobenzene	11.845	146	16411	1.87	ug/l		99
84) n-Butylbenzene	12.218	91	30382	1.84	ug/l		98
85) 1,2-Dichlorobenzene	12.221	146	16234	1.91	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1367	1.72	ug/l		93
87) 1,2,4-Trichlorobenzene	13.851	180	11889	1.82	ug/l		99
88) Hexachlorobutadiene	14.031	225	6943	1.89	ug/l		99
89) Naphthalene	14.095	128	22126	1.81	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	11007	1.85	ug/l		97

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

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