Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
Data File : VU044386.D
Acq On : 22 Jul 2021 11:37
Operator : SY/MD
Sample : VU0722WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 23 03:28:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0722WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.121	96	46470	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.639	95	18459	0.984	ug/l		0.00
Spiked Amount 1.000			Recovery =	98.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	18078	0.989	ug/l		0.00
Spiked Amount 1.000			Recovery =	99.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	27888	1.719	ug/l		96
3) Chloromethane	1.526	50	32063	1.818	ug/l		100
4) Vinyl Chloride	1.610	62	34468	1.936	ug/l		100
5) Bromomethane	1.861	94	18977	1.998	ug/l		96
6) Chloroethane	1.938	64	20332	1.876	ug/l		96
7) Trichlorofluoromethane	2.144	101	38016	1.975	ug/l		100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	23616	1.941	ug/l		96
9) 1,1-Dichloroethene	2.587	96	23010	1.939	ug/l		93
10) Iodomethane	2.732	142	28801	1.855	ug/l		90
11) Allyl Chloride	2.932	41	37940	1.941	ug/l	#	82
12) Acrylonitrile	3.330	53	10692	3.932	ug/l		88
13) Acetone	2.636	43	14090	10.388	ug/l	#	86
14) Carbon Disulfide	2.800	76	71340	1.816	ug/l		100
15) Methylene Chloride	3.054	84	31547	1.873	ug/l		92
16) trans-1,2-Dichloroethene	3.359	96	25357	1.916	ug/l		97
17) 1,1-Dichloroethane	3.880	63	48017	1.948	ug/l		99
18) 2-Butanone	4.735	43	26443	9.091	ug/l		94
19) Cyclohexane	5.391	56	43277	1.920	ug/l		97
20) Methylcyclohexane	6.767	83	41112	1.749	ug/l		98
21) 2,2-Dichloropropane	4.674	77	38161	1.888	ug/l		94
22) cis-1,2-Dichloroethene	4.674	96	27958	1.933	ug/l		96
23) Diethyl Ether	2.385	59	19657	1.974	ug/l		100
24) tert-Butyl Alcohol	3.208	59	9184	15.543	ug/l	#	72
25) Methyl tert-Butyl Ether	3.378	73	63958	1.931	ug/l		93
26) Bromochloromethane	4.986	128	11841	1.934	ug/l		98
27) Chloroform	5.099	83	47062	1.972	ug/l		99
28) 1,1,1-Trichloroethane	5.321	97	38562	1.938	ug/l		98
29) 1,1-Dichloropropene	5.529	75	35093	1.856	ug/l		98
30) Carbon Tetrachloride	5.526	117	29935	1.804	ug/l		99
31) Isopropyl Ether	4.012	45	81562	1.989	ug/l		96
32) Ethyl-t-butyl ether	4.523	59	76796	1.899	ug/l		98
33) Tert-Amyl methyl ether	5.960	73	65670	1.826	ug/l		96
34) Propionitrile	4.803	54	7724	9.381	ug/l	#	83
35) Benzene	5.780	78	101318	1.844	ug/l		100
36) 1,2-Dichloroethane	5.806	62	30760	1.951	ug/l		99
37) Trichloroethene	6.549	130	24969	1.808	ug/l		95
38) 1,2-Dichloropropane	6.803	63	26833	1.845	ug/l		98
39) Methacrylonitrile	4.996	41	9202	1.960	ug/l	#	95
40) Methyl acrylate	4.864	55	12490	1.710	ug/l	#	96
41) Tetrahydrofuran	5.076	42	8225	3.694	ug/l		95
42) 1-Chlorobutane	5.465	56	49112	1.838	ug/l		94
43) Dibromomethane	6.928	93	13902	1.927	ug/l		97
44) Bromodichloromethane	7.118	83	31316	1.830	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	88788	9.061	ug/l		97
46) t-1,4-Dichloro-2-butene	10.838	75	15580m	3.752	ug/l		
47) Methyl methacrylate	6.980	69	29074	3.646	ug/l		91
48) Ethyl methacrylate	8.346	69	28379	1.724	ug/l		95
49) Toluene	7.976	92	62761	1.816	ug/l		98
50) t-1,3-Dichloropropene	8.221	75	29585	1.665	ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	35834	1.709	ug/l		96
52) 1,1,2-Trichloroethane	8.410	97	20162	1.897	ug/l		94
53) 1,3-Dichloropropane	8.584	76	36554	1.873	ug/l		98
54) 2-Hexanone	8.700	43	63683	9.136	ug/l		95
55) Dibromochloromethane	8.819	129	20100	1.747	ug/l		98
56) 1,2-Dibromoethane	8.934	107	18826	1.812	ug/l		99
58) Tetrachloroethene	8.562	164	22489	1.919	ug/l		97
59) Chlorobenzene	9.455	112	65909	1.804	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.539	131	21168	1.738	ug/l		98
61) Pentachloroethane	11.433	117	15900	1.634	ug/l		93
62) Hexachloroethane	12.481	117	17238	1.697	ug/l		90
63) Ethyl Benzene	9.578	91	115743	1.772	ug/l		100
64) m/p-Xylenes	9.700	106	88112	3.530	ug/l		99
65) o-Xylene	10.108	106	43370	1.801	ug/l		99
66) Styrene	10.121	104	73209	1.764	ug/l		98
67) Bromoform	10.298	173	10555	1.639	ug/l	#	99
69) Isopropylbenzene	10.491	105	114063	1.770	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.790	83	26777	1.909	ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	21397m	1.780	ug/l		
72) Bromobenzene	10.790	156	26785	1.796	ug/l		91
73) n-propylbenzene	10.912	120	29937	1.724	ug/l		88
74) 2-Chlorotoluene	10.992	126	26328	1.767	ug/l		91
75) 1,3,5-Trimethylbenzene	11.095	105	96527	1.773	ug/l		99
76) 4-Chlorotoluene	11.105	126	27062	1.749	ug/l		96
77) tert-Butylbenzene	11.426	119	92577	1.735	ug/l		97
78) 1,2,4-Trimethylbenzene	11.475	105	98535	1.783	ug/l		100
79) sec-Butylbenzene	11.648	105	131248	1.806	ug/l		97
80) Nitrobenzene	13.217	77	2640	6.310	ug/l		95
81) p-Isopropyltoluene	11.799	119	107085	1.779	ug/l		98
82) 1,3-Dichlorobenzene	11.751	146	54028	1.823	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	54462	1.820	ug/l		99
84) n-Butylbenzene	12.214	91	104202	1.768	ug/l		99
85) 1,2-Dichlorobenzene	12.217	146	53203	1.854	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	4508	1.859	ug/l		95
87) 1,2,4-Trichlorobenzene	13.847	180	34639	1.706	ug/l		98
88) Hexachlorobutadiene	14.028	225	17623	1.793	ug/l		95
89) Naphthalene	14.095	128	66774	1.644	ug/l		99
90) 1,2,3-Trichlorobenzene	14.336	180	32960	1.788	ug/l		96

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

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