Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060421\
Data File : VU044046.D
Acq On : 04 Jun 2021 12:04
Operator : SY/MD
Sample : VU0604WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 02:16:19 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 :
VU0604WBS01

Manual Integrations APPROVED
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6/9/2021 7:00:09 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	15876	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5592	1.013	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	6085	1.034	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	13377	2.001	ug/l	100
3) Chloromethane	1.527	50	14561	2.020	ug/l	99
4) Vinyl Chloride	1.610	62	13144	1.933	ug/l	100
5) Bromomethane	1.864	94	8311	2.051	ug/l	95
6) Chloroethane	1.941	64	8011	1.931	ug/l	99
7) Trichlorofluoromethane	2.147	101	15363	2.012	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	8733	1.983	ug/l	98
9) 1,1-Dichloroethene	2.591	96	8048	1.935	ug/l	95
10) Iodomethane	2.732	142	9493	1.773	ug/l	99
11) Allyl Chloride	2.932	41	13420	2.003	ug/l	97
12) Acrylonitrile	3.330	53	3158	3.724	ug/l	96
13) Acetone	2.639	43	4756	12.802	ug/l	96
14) Carbon Disulfide	2.803	76	27901	1.946	ug/l	99
15) Methylene Chloride	3.054	84	11403	2.015	ug/l	97
16) trans-1,2-Dichloroethene	3.359	96	8862	1.928	ug/l	96
17) 1,1-Dichloroethane	3.880	63	17499	1.981	ug/l	99
18) 2-Butanone	4.739	43	8560	8.032	ug/l	98
19) Cyclohexane	5.391	56	16569m	1.976	ug/l	
20) Methylcyclohexane	6.771	83	10934	1.630	ug/l	92
21) 2,2-Dichloropropane	4.674	77	14500	2.070	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	9381	1.912	ug/l	93
23) Diethyl Ether	2.388	59	6703	1.970	ug/l	97
24) tert-Butyl Alcohol	3.202	59	4082	10.300	ug/l #	75
25) Methyl tert-Butyl Ether	3.382	73	19725	1.887	ug/l #	88
26) Bromochloromethane	4.986	128	3851	1.940	ug/l	93
27) Chloroform	5.102	83	16748	1.944	ug/l	97
28) 1,1,1-Trichloroethane	5.324	97	14559	2.001	ug/l	99
29) 1,1-Dichloropropene	5.533	75	13261	1.946	ug/l	98
30) Carbon Tetrachloride	5.526	117	12420	1.958	ug/l	98
31) Isopropyl Ether	4.015	45	27035	1.928	ug/l	98
32) Ethyl-t-butyl ether	4.526	59	24062	1.912	ug/l	99
33) Tert-Amyl methyl ether	5.964	73	16263	1.668	ug/l	98
34) Propionitrile	4.806	54	2146	9.466	ug/l #	91
35) Benzene	5.784	78	37118	1.875	ug/l	99
36) 1,2-Dichloroethane	5.809	62	11393	1.969	ug/l	96
37) Trichloroethene	6.552	130	8553	1.868	ug/l	98
38) 1,2-Dichloropropane	6.803	63	10440	1.999	ug/l	99
39) Methacrylonitrile	4.993	41	3101	1.966	ug/l #	89
40) Methyl acrylate	4.870	55	4341	1.713	ug/l #	92
41) Tetrahydrofuran	5.089	42	2833	3.584	ug/l	97
42) 1-Chlorobutane	5.465	56	19335	1.970	ug/l	99
43) Dibromomethane	6.931	93	5089	1.982	ug/l	97
44) Bromodichloromethane	7.118	83	12762	1.994	ug/l	99

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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	7.816	43	24836	8.739	ug/l		93
46)	t-1,4-Dichloro-2-butene	10.841	75	4764m	3.771	ug/l		
47)	Methyl methacrylate	6.980	69	7578	3.478	ug/l		95
48)	Ethyl methacrylate	8.349	69	6419	1.620	ug/l		97
49)	Toluene	7.976	92	19182	1.755	ug/l		99
50)	t-1,3-Dichloropropene	8.221	75	10220	1.844	ug/l		99
51)	cis-1,3-Dichloropropene	7.620	75	11460	1.838	ug/l		97
52)	1,1,2-Trichloroethane	8.414	97	7361	1.991	ug/l		99
53)	1,3-Dichloropropane	8.587	76	12444	1.919	ug/l		100
54)	2-Hexanone	8.706	43	16582	8.434	ug/l		92
55)	Dibromochloromethane	8.819	129	7722	1.910	ug/l		99
56)	1,2-Dibromoethane	8.935	107	6220	1.898	ug/l		100
58)	Tetrachloroethene	8.562	164	8362	1.966	ug/l		95
59)	Chlorobenzene	9.456	112	19941	1.737	ug/l		99
60)	1,1,1,2-Tetrachloroethane	9.546	131	8529	1.960	ug/l		98
61)	Pentachloroethane	11.436	117	6654	1.890	ug/l		93
62)	Hexachloroethane	12.484	117	6846	1.959	ug/l		99
63)	Ethyl Benzene	9.578	91	30441	1.743	ug/l		100
64)	m/p-Xylenes	9.703	106	24547	3.412	ug/l		98
65)	o-Xylene	10.108	106	11590	1.737	ug/l		94
66)	Styrene	10.124	104	20308	1.727	ug/l		100
67)	Bromoform	10.301	173	4173	1.882	ug/l		98
69)	Isopropylbenzene	10.491	105	30837	1.769	ug/l		98
70)	1,1,2,2-Tetrachloroethane	10.793	83	9504	1.959	ug/l		98
71)	1,2,3-Trichloropropane	10.835	75	7046m	1.923	ug/l		
72)	Bromobenzene	10.790	156	8503	1.820	ug/l		97
73)	n-propylbenzene	10.915	120	8670	1.744	ug/l		89
74)	2-Chlorotoluene	10.996	126	8463	1.819	ug/l		99
75)	1,3,5-Trimethylbenzene	11.095	105	28270	1.737	ug/l		100
76)	4-Chlorotoluene	11.105	126	9220	1.833	ug/l		92
77)	tert-Butylbenzene	11.430	119	26674	1.680	ug/l		99
78)	1,2,4-Trimethylbenzene	11.475	105	29233	1.749	ug/l		99
79)	sec-Butylbenzene	11.652	105	39460	1.797	ug/l		100
80)	Nitrobenzene	13.217	77	1464	10.082	ug/l	#	82
81)	p-Isopropyltoluene	11.803	119	31411	1.791	ug/l		98
82)	1,3-Dichlorobenzene	11.754	146	19743	1.935	ug/l		100
83)	1,4-Dichlorobenzene	11.844	146	19905	1.959	ug/l		99
84)	n-Butylbenzene	12.217	91	31407	1.824	ug/l		96
85)	1,2-Dichlorobenzene	12.221	146	18343	1.888	ug/l		99
86)	1,2-Dibromo-3-Chloropr...	13.005	75	1222	1.659	ug/l		88
87)	1,2,4-Trichlorobenzene	13.851	180	9088	1.587	ug/l		97
88)	Hexachlorobutadiene	14.028	225	6889	1.852	ug/l		99
89)	Naphthalene	14.095	128	13221	1.964	ug/l		97
90)	1,2,3-Trichlorobenzene	14.340	180	8686	1.574	ug/l		99

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

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