Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044028.D
Acq On : 02 Jun 2021 18:34
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 03 05:56:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:52:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	18399	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	6738	0.857	ug/l	0.00
Spiked Amount 1.000			Recovery =	86.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	6939	0.838	ug/l	0.00
Spiked Amount 1.000			Recovery =	84.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	39109	5.358	ug/l	97
3) Chloromethane	1.527	50	40833	5.782	ug/l	100
4) Vinyl Chloride	1.610	62	39336	5.800	ug/l	100
5) Bromomethane	1.864	94	21680	5.055	ug/l	98
6) Chloroethane	1.941	64	22460	5.036	ug/l	98
7) Trichlorofluoromethane	2.147	101	44605	4.137	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	25863	4.666	ug/l	99
9) 1,1-Dichloroethene	2.591	96	24811	5.112	ug/l	98
10) Iodomethane	2.732	142	32493	4.380	ug/l	99
11) Allyl Chloride	2.935	41	39265	4.330	ug/l	99
12) Acrylonitrile	3.330	53	9210	6.888	ug/l	98
13) Acetone	2.639	43	11967	11.758	ug/l	100
14) Carbon Disulfide	2.803	76	82335	5.327	ug/l	100
15) Methylene Chloride	3.057	84	28651	4.852	ug/l	96
16) trans-1,2-Dichloroethene	3.363	96	26887	5.115	ug/l	94
17) 1,1-Dichloroethane	3.883	63	51018	4.767	ug/l	99
18) 2-Butanone	4.739	43	29078	15.396	ug/l	97
19) Cyclohexane	5.391	56	48532m	5.209	ug/l	
20) Methylcyclohexane	6.771	83	40534	5.036	ug/l	98
21) 2,2-Dichloropropane	4.678	77	39888	4.153	ug/l	99
22) cis-1,2-Dichloroethene	4.678	96	28607	4.838	ug/l	99
23) Diethyl Ether	2.388	59	19978	4.892	ug/l	99
24) tert-Butyl Alcohol	3.208	59	23247m	83.855	ug/l	
25) Methyl tert-Butyl Ether	3.382	73	60252	4.259	ug/l	97
26) Bromochloromethane	4.989	128	12380	4.496	ug/l	97
27) Chloroform	5.102	83	49847	4.508	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	42353	4.279	ug/l	99
29) 1,1-Dichloropropene	5.533	75	39600	5.422	ug/l	100
30) Carbon Tetrachloride	5.530	117	37398	4.797	ug/l	99
31) Isopropyl Ether	4.018	45	80505	4.274	ug/l	99
32) Ethyl-t-butyl ether	4.526	59	71861	4.276	ug/l	99
33) Tert-Amyl methyl ether	5.964	73	59375	4.809	ug/l	99
34) Propionitrile	4.803	54	7512	17.855	ug/l #	98
35) Benzene	5.784	78	115932	5.616	ug/l	99
36) 1,2-Dichloroethane	5.809	62	34680	4.538	ug/l	99
37) Trichloroethene	6.552	130	27021	5.023	ug/l	97
38) 1,2-Dichloropropane	6.803	63	31850	5.438	ug/l	99
39) Methacrylonitrile	4.996	41	9160	3.450	ug/l #	86
40) Methyl acrylate	4.870	55	12771	3.598	ug/l #	95
41) Tetrahydrofuran	5.083	42	7447	5.551	ug/l #	89
42) 1-Chlorobutane	5.465	56	57046	5.303	ug/l	98
43) Dibromomethane	6.931	93	15615	5.018	ug/l	98
44) Bromodichloromethane	7.118	83	38005	5.135	ug/l	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:52:43 2021
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	88067	19.604	ug/l		98
46) t-1,4-Dichloro-2-butene	10.841	75	15593m	10.603	ug/l		
47) Methyl methacrylate	6.980	69	27653	10.047	ug/l		99
48) Ethyl methacrylate	8.349	69	24247	4.501	ug/l		99
49) Toluene	7.976	92	67979	5.401	ug/l		100
50) t-1,3-Dichloropropene	8.221	75	33014	5.015	ug/l		99
51) cis-1,3-Dichloropropene	7.620	75	37179	5.012	ug/l		99
52) 1,1,2-Trichloroethane	8.411	97	22751	5.210	ug/l		98
53) 1,3-Dichloropropane	8.587	76	39911	5.297	ug/l		100
54) 2-Hexanone	8.703	43	61432	19.281	ug/l		98
55) Dibromochloromethane	8.819	129	24609	4.848	ug/l		98
56) 1,2-Dibromoethane	8.935	107	19990	4.698	ug/l		100
58) Tetrachloroethene	8.562	164	25556	4.443	ug/l		96
59) Chlorobenzene	9.456	112	68573	4.907	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	26176	4.850	ug/l		99
61) Pentachloroethane	11.436	117	21140	5.079	ug/l		96
62) Hexachloroethane	12.484	117	20732	4.861	ug/l		99
63) Ethyl Benzene	9.578	91	118245	4.962	ug/l		99
64) m/p-Xylenes	9.703	106	100424	10.862	ug/l		100
65) o-Xylene	10.108	106	45507	5.122	ug/l		99
66) Styrene	10.121	104	81811	5.372	ug/l		100
67) Bromoform	10.301	173	13252	4.145	ug/l		98
69) Isopropylbenzene	10.491	105	117899	4.914	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.793	83	29640	5.209	ug/l		100
71) 1,2,3-Trichloropropane	10.835	75	22683m	5.064	ug/l		
72) Bromobenzene	10.790	156	29053	4.414	ug/l		99
73) n-propylbenzene	10.912	120	34563	5.135	ug/l		98
74) 2-Chlorotoluene	10.992	126	30719	5.052	ug/l		96
75) 1,3,5-Trimethylbenzene	11.095	105	113631	5.310	ug/l		99
76) 4-Chlorotoluene	11.105	126	33366	5.188	ug/l		99
77) tert-Butylbenzene	11.430	119	99999	4.745	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	116283	5.259	ug/l		100
79) sec-Butylbenzene	11.652	105	146962	5.128	ug/l		100
80) Nitrobenzene	13.217	77	4030	26.317	ug/l	#	98
81) p-Isopropyltoluene	11.799	119	121006	5.041	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	63101	4.771	ug/l		100
83) 1,4-Dichlorobenzene	11.844	146	63813	4.804	ug/l		99
84) n-Butylbenzene	12.217	91	117563	5.098	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	61652	4.770	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	4515	4.424	ug/l		95
87) 1,2,4-Trichlorobenzene	13.848	180	33142	3.911	ug/l		98
88) Hexachlorobutadiene	14.028	225	22079	3.886	ug/l		98
89) Naphthalene	14.095	128	55035	3.956	ug/l		99
90) 1,2,3-Trichlorobenzene	14.336	180	33542	4.143	ug/l		99

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

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