Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044027.D
Acq On : 02 Jun 2021 18:04
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
SAM
6/3/2021 5:47:33 PM

Quant Time: Jun 03 05:55:51 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	17239	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	6072	0.825	ug/l	0.00
Spiked Amount 1.000			Recovery =	82.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	6576	0.848	ug/l	0.00
Spiked Amount 1.000			Recovery =	85.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	14122	2.065	ug/l	98
3) Chloromethane	1.526	50	15745	2.380	ug/l	100
4) Vinyl Chloride	1.610	62	14687	2.311	ug/l	97
5) Bromomethane	1.867	94	8427	2.097	ug/l	97
6) Chloroethane	1.941	64	9009	2.156	ug/l	97
7) Trichlorofluoromethane	2.147	101	16144	1.598	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	9402	1.811	ug/l	100
9) 1,1-Dichloroethene	2.591	96	8803	1.936	ug/l	92
10) Iodomethane	2.732	142	11280	1.623	ug/l	99
11) Allyl Chloride	2.935	41	14200	1.671	ug/l	98
12) Acrylonitrile	3.330	53	3063	2.445	ug/l	91
13) Acetone	2.639	43	4909	5.148	ug/l	94
14) Carbon Disulfide	2.803	76	30674	2.118	ug/l	99
15) Methylene Chloride	3.057	84	11970	2.163	ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	9947	2.020	ug/l	96
17) 1,1-Dichloroethane	3.883	63	19146	1.909	ug/l	97
18) 2-Butanone	4.735	43	9257	5.231	ug/l	95
19) Cyclohexane	5.391	56	17860m	2.046	ug/l	
20) Methylcyclohexane	6.767	83	12449	1.651	ug/l	93
21) 2,2-Dichloropropane	4.677	77	15163	1.685	ug/l	99
22) cis-1,2-Dichloroethene	4.681	96	10817	1.953	ug/l	97
23) Diethyl Ether	2.388	59	7201	1.882	ug/l	96
24) tert-Butyl Alcohol	3.208	59	8182m	31.499	ug/l	
25) Methyl tert-Butyl Ether	3.382	73	22535	1.700	ug/l	94
26) Bromochloromethane	4.986	128	4316	1.673	ug/l	96
27) Chloroform	5.102	83	18791	1.814	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	15576	1.679	ug/l	98
29) 1,1-Dichloropropene	5.533	75	14083	2.058	ug/l	99
30) Carbon Tetrachloride	5.529	117	13484	1.846	ug/l	99
31) Isopropyl Ether	4.015	45	30215	1.712	ug/l	99
32) Ethyl-t-butyl ether	4.526	59	26460	1.680	ug/l	99
33) Tert-Amyl methyl ether	5.960	73	19096	1.651	ug/l	99
34) Propionitrile	4.806	54	2744	6.961	ug/l #	90
35) Benzene	5.784	78	42170	2.180	ug/l	99
36) 1,2-Dichloroethane	5.809	62	12403	1.732	ug/l	98
37) Trichloroethene	6.552	130	9716	1.928	ug/l	99
38) 1,2-Dichloropropane	6.803	63	11118	2.026	ug/l	99
39) Methacrylonitrile	4.999	41	3181	1.279	ug/l	94
40) Methyl acrylate	4.867	55	4704	1.415	ug/l	99
41) Tetrahydrofuran	5.086	42	3078	2.449	ug/l	97
42) 1-Chlorobutane	5.468	56	20364	2.021	ug/l	98
43) Dibromomethane	6.928	93	5614	1.926	ug/l	99
44) Bromodichloromethane	7.118	83	13818	1.993	ug/l	99

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Quant Time: Jun 03 05:55:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
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	7.812	43	27924	6.634	ug/l		96
46) t-1,4-Dichloro-2-butene	10.841	75	5157m	3.743	ug/l		
47) Methyl methacrylate	6.980	69	8663	3.359	ug/l		95
48) Ethyl methacrylate	8.349	69	7846	1.554	ug/l		99
49) Toluene	7.976	92	22526	1.910	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	11389	1.847	ug/l		99
51) cis-1,3-Dichloropropene	7.619	75	12821	1.845	ug/l		96
52) 1,1,2-Trichloroethane	8.410	97	8120	1.985	ug/l		99
53) 1,3-Dichloropropane	8.587	76	13756	1.948	ug/l		100
54) 2-Hexanone	8.703	43	19151	6.415	ug/l		96
55) Dibromochloromethane	8.819	129	8604	1.809	ug/l		98
56) 1,2-Dibromoethane	8.934	107	6999	1.756	ug/l		100
58) Tetrachloroethene	8.562	164	8917	1.654	ug/l		98
59) Chlorobenzene	9.455	112	23823	1.820	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	9298	1.839	ug/l		98
61) Pentachloroethane	11.433	117	7767	1.992	ug/l		94
62) Hexachloroethane	12.481	117	7493	1.875	ug/l		98
63) Ethyl Benzene	9.578	91	36706	1.644	ug/l		98
64) m/p-Xylenes	9.703	106	28837	3.329	ug/l		97
65) o-Xylene	10.108	106	13899	1.670	ug/l		97
66) Styrene	10.121	104	24087	1.688	ug/l		99
67) Bromoform	10.298	173	4629	1.545	ug/l		98
69) Isopropylbenzene	10.491	105	36286	1.614	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.790	83	10360	1.943	ug/l		99
71) 1,2,3-Trichloropropane	10.835	75	6970m	1.661	ug/l		
72) Bromobenzene	10.790	156	9918	1.608	ug/l		98
73) n-propylbenzene	10.915	120	9979	1.582	ug/l		91
74) 2-Chlorotoluene	10.992	126	9784	1.717	ug/l		98
75) 1,3,5-Trimethylbenzene	11.095	105	33258	1.659	ug/l		100
76) 4-Chlorotoluene	11.105	126	10616	1.762	ug/l		98
77) tert-Butylbenzene	11.426	119	31714	1.606	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	34186	1.650	ug/l		100
79) sec-Butylbenzene	11.651	105	45627	1.699	ug/l		100
80) Nitrobenzene	13.217	77	1382	9.632	ug/l	#	78
81) p-Isopropyltoluene	11.803	119	35746	1.589	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	21886	1.766	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	21618	1.737	ug/l		97
84) n-Butylbenzene	12.217	91	34102	1.578	ug/l		98
85) 1,2-Dichlorobenzene	12.221	146	20363	1.682	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1594	1.667	ug/l		95
87) 1,2,4-Trichlorobenzene	13.848	180	10687	1.346	ug/l		99
88) Hexachlorobutadiene	14.028	225	7452	1.400	ug/l		99
89) Naphthalene	14.095	128	16319	1.252	ug/l		98
90) 1,2,3-Trichlorobenzene	14.336	180	10446	1.377	ug/l		98

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

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