Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
Data File : VU044324.D
Acq On : 07 Jul 2021 19:55
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
7/9/2021 6:26:58 PM

Quant Time: Jul 08 08:55:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 08:40:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	26343	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	11662	0.999	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	11545	0.992	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	94160	10.321	ug/l	98
3) Chloromethane	1.527	50	88544	10.077	ug/l	99
4) Vinyl Chloride	1.610	62	96913	10.493	ug/l	99
5) Bromomethane	1.861	94	58095	10.560	ug/l	100
6) Chloroethane	1.938	64	63606	10.317	ug/l	99
7) Trichlorofluoromethane	2.147	101	146924	10.500	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	84816	10.520	ug/l	98
9) 1,1-Dichloroethene	2.588	96	73787	10.475	ug/l	99
10) Iodomethane	2.732	142	86504	10.080	ug/l	98
11) Allyl Chloride	2.932	41	125120	9.994	ug/l	98
12) Acrylonitrile	3.330	53	44471	28.194	ug/l	96
13) Acetone	2.639	43	81357	77.749	ug/l	100
14) Carbon Disulfide	2.803	76	196991	10.336	ug/l	99
15) Methylene Chloride	3.054	84	103320	11.629	ug/l	99
16) trans-1,2-Dichloroethene	3.363	96	80697	10.349	ug/l	97
17) 1,1-Dichloroethane	3.880	63	166843	10.602	ug/l	99
18) 2-Butanone	4.732	43	153330	74.665	ug/l	98
19) Cyclohexane	5.388	56	137144	10.883	ug/l	99
20) Methylcyclohexane	6.768	83	135680	10.483	ug/l	99
21) 2,2-Dichloropropane	4.674	77	145143	9.475	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	95349	10.376	ug/l	99
23) Diethyl Ether	2.385	59	63001	10.723	ug/l	98
24) tert-Butyl Alcohol	3.215	59	85478	186.627	ug/l	97
25) Methyl tert-Butyl Ether	3.379	73	236777	10.944	ug/l	98
26) Bromochloromethane	4.986	128	41272	10.267	ug/l	99
27) Chloroform	5.099	83	170969	10.272	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	155287	10.567	ug/l	100
29) 1,1-Dichloropropene	5.530	75	110287	10.280	ug/l	99
30) Carbon Tetrachloride	5.526	117	118178	10.445	ug/l	100
31) Isopropyl Ether	4.012	45	285751	10.605	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	285122	10.969	ug/l	97
33) Tert-Amyl methyl ether	5.960	73	219833	10.479	ug/l	100
34) Propionitrile	4.800	54	43629	83.816	ug/l	96
35) Benzene	5.780	78	310217	10.455	ug/l	100
36) 1,2-Dichloroethane	5.806	62	100823	10.407	ug/l	99
37) Trichloroethene	6.549	130	86397	10.442	ug/l	99
38) 1,2-Dichloropropane	6.803	63	85544	10.360	ug/l	100
39) Methacrylonitrile	4.993	41	37173	11.483	ug/l	96
40) Methyl acrylate	4.864	55	59752	13.259	ug/l	97
41) Tetrahydrofuran	5.080	42	38776	28.756	ug/l	97
42) 1-Chlorobutane	5.465	56	154769	10.432	ug/l	97
43) Dibromomethane	6.928	93	44933	10.322	ug/l	99
44) Bromodichloromethane	7.115	83	113564	10.282	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	316516	50.824	ug/l		100
46) t-1,4-Dichloro-2-butene	10.838	75	59603m	24.442	ug/l		
47) Methyl methacrylate	6.977	69	91571	20.545	ug/l		100
48) Ethyl methacrylate	8.346	69	97106	10.184	ug/l		100
49) Toluene	7.976	92	205443	10.538	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	116039	10.324	ug/l		99
51) cis-1,3-Dichloropropene	7.616	75	130187	10.200	ug/l		98
52) 1,1,2-Trichloroethane	8.411	97	62748	10.389	ug/l		97
53) 1,3-Dichloropropane	8.584	76	114774	10.342	ug/l		100
54) 2-Hexanone	8.700	43	227400	50.185	ug/l		99
55) Dibromochloromethane	8.819	129	82181	10.569	ug/l		99
56) 1,2-Dibromoethane	8.931	107	63545	10.525	ug/l		97
58) Tetrachloroethene	8.558	164	81459	10.664	ug/l		99
59) Chlorobenzene	9.452	112	231961	10.519	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	87724	10.629	ug/l		97
61) Pentachloroethane	11.433	117	62947	10.082	ug/l		98
62) Hexachloroethane	12.481	117	76186	10.761	ug/l		100
63) Ethyl Benzene	9.578	91	411352	10.542	ug/l		99
64) m/p-Xylenes	9.700	106	320348	21.143	ug/l		100
65) o-Xylene	10.105	106	157001	10.603	ug/l		100
66) Styrene	10.121	104	269187	10.588	ug/l		99
67) Bromoform	10.298	173	47304	10.535	ug/l		99
69) Isopropylbenzene	10.491	105	425443	10.504	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	83448	10.289	ug/l		99
71) 1,2,3-Trichloropropane	10.838	75	57004m	8.909	ug/l		
72) Bromobenzene	10.790	156	100658	10.654	ug/l		99
73) n-propylbenzene	10.912	120	117929	10.620	ug/l		100
74) 2-Chlorotoluene	10.992	126	99462	10.389	ug/l		99
75) 1,3,5-Trimethylbenzene	11.095	105	366132	10.559	ug/l		100
76) 4-Chlorotoluene	11.105	126	105055	10.434	ug/l		98
77) tert-Butylbenzene	11.427	119	364831	10.467	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	375480	10.704	ug/l		100
79) sec-Butylbenzene	11.652	105	491042	10.635	ug/l		99
80) Nitrobenzene	13.211	77	17041	51.254	ug/l	#	96
81) p-Isopropyltoluene	11.799	119	418004	10.692	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	201597	10.471	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	199651	10.434	ug/l		99
84) n-Butylbenzene	12.214	91	407191	10.879	ug/l		100
85) 1,2-Dichlorobenzene	12.217	146	191582	10.493	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	17051	11.040	ug/l		96
87) 1,2,4-Trichlorobenzene	13.848	180	140745	10.752	ug/l		99
88) Hexachlorobutadiene	14.028	225	71520	10.647	ug/l		99
89) Naphthalene	14.092	128	261519	10.609	ug/l		100
90) 1,2,3-Trichlorobenzene	14.336	180	126809	10.964	ug/l		99

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

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