Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
Data File : VU042532.D
Acq On : 09 Mar 2021 10:25
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 06:36:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:31:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.122	96	20211	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.639	95	7770	0.87	ug/l		0.00
Spiked Amount 1.000			Recovery = 87.00%				
68) 1,2-Dichlorobenzene-d4	12.202	152	8438	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.389	85	3729	0.45	ug/l		98
3) Chloromethane	1.524	50	3600	0.50	ug/l		97
4) Vinyl Chloride	1.607	62	3383	0.48	ug/l		95
5) Bromomethane	1.865	94	1950	0.46	ug/l		100
6) Chloroethane	1.939	64	1844	0.41	ug/l		95
7) Trichlorofluoromethane	2.144	101	5641	0.49	ug/l		90
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	2749	0.46	ug/l		98
9) 1,1-Dichloroethene	2.588	96	2485	0.49	ug/l		89
10) Iodomethane	2.733	142	3494	0.42	ug/l		91
11) Allyl Chloride	2.932	41	4799	0.49	ug/l		98
12) Acrylonitrile	3.328	53	1031	0.79	ug/l	#	58
13) Acetone	2.639	43	2431	2.88	ug/l		94
14) Carbon Disulfide	2.803	76	8108	0.49	ug/l		97
15) Methylene Chloride	3.054	84	3320	0.56	ug/l		91
16) trans-1,2-Dichloroethene	3.366	96	2400	0.43	ug/l		95
17) 1,1-Dichloroethane	3.877	63	5258	0.47	ug/l	#	92
18) 2-Butanone	4.742	43	4344	2.66	ug/l		100
19) Cyclohexane	5.398	56	4995m	0.49	ug/l		
20) Methylcyclohexane	6.771	83	3599	0.39	ug/l		94
21) 2,2-Dichloropropane	4.675	77	5089	0.49	ug/l	#	77
22) cis-1,2-Dichloroethene	4.678	96	2716	0.44	ug/l	#	86
23) Diethyl Ether	2.382	59	2013	0.47	ug/l		96
24) tert-Butyl Alcohol	3.209	59	883	3.62	ug/l	#	82
25) Methyl tert-Butyl Ether	3.382	73	6664	0.45	ug/l	#	87
26) Bromochloromethane	4.987	128	1426	0.49	ug/l		88
27) Chloroform	5.099	83	5436	0.48	ug/l		92
28) 1,1,1-Trichloroethane	5.324	97	4586	0.43	ug/l		94
29) 1,1-Dichloropropene	5.530	75	3314	0.42	ug/l	#	78
30) Carbon Tetrachloride	5.527	117	3897	0.44	ug/l		96
31) Isopropyl Ether	4.012	45	9172	0.47	ug/l		96
32) Ethyl-t-butyl ether	4.520	59	8125	0.47	ug/l		97
33) Tert-Amyl methyl ether	5.964	73	6180	0.44	ug/l		97
34) Propionitrile	4.813	54	815m	2.26	ug/l		
35) Benzene	5.784	78	9820	0.45	ug/l		95
36) 1,2-Dichloroethane	5.810	62	3757	0.45	ug/l	#	85
37) Trichloroethene	6.552	130	2919	0.47	ug/l		95
38) 1,2-Dichloropropane	6.803	63	2772	0.46	ug/l		96
39) Methacrylonitrile	5.000	41	1150	0.44	ug/l	#	81
40) Methyl acrylate	4.868	55	1804	0.51	ug/l	#	74
41) Tetrahydrofuran	5.077	42	1387m	1.13	ug/l		
42) 1-Chlorobutane	5.466	56	5435	0.46	ug/l		100
43) Dibromomethane	6.932	93	1448	0.42	ug/l		94
44) Bromodichloromethane	7.115	83	3534	0.44	ug/l		94

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 10 06:36:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:31:37 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	10373	2.02	ug/l		94
46) t-1,4-Dichloro-2-butene	10.845	75	1086m	0.66	ug/l		
47) Methyl methacrylate	6.983	69	2479	0.78	ug/l		91
48) Ethyl methacrylate	8.353	69	2482	0.39	ug/l		95
49) Toluene	7.977	92	5730	0.41	ug/l		98
50) t-1,3-Dichloropropene	8.224	75	2978	0.39	ug/l	#	82
51) cis-1,3-Dichloropropene	7.617	75	3255	0.39	ug/l		94
52) 1,1,2-Trichloroethane	8.411	97	2041	0.45	ug/l	#	89
53) 1,3-Dichloropropane	8.585	76	3520	0.43	ug/l		99
54) 2-Hexanone	8.704	43	7543	2.05	ug/l		96
55) Dibromochloromethane	8.822	129	2191	0.39	ug/l		96
56) 1,2-Dibromoethane	8.932	107	2175	0.47	ug/l		87
58) Tetrachloroethene	8.559	164	2711	0.44	ug/l		94
59) Chlorobenzene	9.456	112	6488	0.42	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.546	131	2362	0.41	ug/l		94
61) Pentachloroethane	11.433	117	1842	0.38	ug/l		96
62) Hexachloroethane	12.482	117	1671	0.35	ug/l		99
63) Ethyl Benzene	9.578	91	10449	0.39	ug/l		97
64) m/p-Xylenes	9.700	106	7549	0.74	ug/l		94
65) o-Xylene	10.109	106	3822	0.38	ug/l		97
66) Styrene	10.125	104	6450	0.38	ug/l		99
67) Bromoform	10.298	173	1504	0.41	ug/l	#	95
69) Isopropylbenzene	10.494	105	10235	0.38	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	2731	0.44	ug/l		94
71) 1,2,3-Trichloropropane	10.835	75	2082m	0.41	ug/l		
72) Bromobenzene	10.793	156	2949	0.40	ug/l		95
73) n-propylbenzene	10.916	120	2847	0.39	ug/l		99
74) 2-Chlorotoluene	10.993	126	2529	0.38	ug/l		86
75) 1,3,5-Trimethylbenzene	11.096	105	9091	0.38	ug/l		96
76) 4-Chlorotoluene	11.109	126	2699	0.39	ug/l		95
77) tert-Butylbenzene	11.430	119	9114	0.38	ug/l		99
78) 1,2,4-Trimethylbenzene	11.478	105	8755	0.36	ug/l		96
79) sec-Butylbenzene	11.652	105	11473	0.37	ug/l		97
80) Nitrobenzene	13.227	77	175	1.15	ug/l	#	40
81) p-Isopropyltoluene	11.803	119	9435	0.35	ug/l		97
82) 1,3-Dichlorobenzene	11.755	146	5651	0.39	ug/l		98
83) 1,4-Dichlorobenzene	11.845	146	5815	0.41	ug/l		98
84) n-Butylbenzene	12.218	91	8327	0.34	ug/l		96
85) 1,2-Dichlorobenzene	12.221	146	5577	0.39	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.012	75	405	0.35	ug/l	#	87
87) 1,2,4-Trichlorobenzene	13.848	180	3520	0.37	ug/l		97
88) Hexachlorobutadiene	14.031	225	2558	0.41	ug/l		99
89) Naphthalene	14.099	128	5323	0.33	ug/l	#	96
90) 1,2,3-Trichlorobenzene	14.343	180	3238	0.35	ug/l		99

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

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