Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102220\
Data File : VU040916.D
Acq On : 22 Oct 2020 20:59
Operator : SY/MD
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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10/26/2020 4:15:05 PM

Quant Time: Oct 23 06:59:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.12	96	65375	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	24713	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	26115	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	552013	27.340	ug/l		99
3) Chloromethane	1.53	50	568472	26.526	ug/l		97
4) Vinyl Chloride	1.61	62	553618	26.385	ug/l		99
5) Bromomethane	1.87	94	286815	19.314	ug/l		99
6) Chloroethane	1.94	64	310161	22.833	ug/l		99
7) Trichlorofluoromethane	2.15	101	683642	22.628	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	378385	21.850	ug/l		100
9) 1,1-Dichloroethene	2.59	96	342687	23.185	ug/l		100
10) Iodomethane	2.74	142	449908	36.891	ug/l		99
11) Allyl Chloride	2.94	41	699466	23.751	ug/l		99
12) Acrylonitrile	3.34	53	238743	46.252	ug/l		100
13) Acetone	2.65	43	484493	105.498	ug/l		100
14) Carbon Disulfide	2.81	76	1262298	28.753	ug/l		100
15) Methylene Chloride	3.06	84	392585	17.690	ug/l		99
16) trans-1,2-Dichloroethene	3.37	96	375565	23.345	ug/l		99
17) 1,1-Dichloroethane	3.89	63	757022	21.711	ug/l		100
18) 2-Butanone	4.74	43	822003	114.419	ug/l		100
19) Cyclohexane	5.40	56	735031m	24.632	ug/l		
20) Methylcyclohexane	6.77	83	681828	25.541	ug/l		98
21) 2,2-Dichloropropane	4.68	77	611871	18.905	ug/l		100
22) cis-1,2-Dichloroethene	4.68	96	391142	21.305	ug/l		97
23) Diethyl Ether	2.39	59	339646	24.000	ug/l		99
24) tert-Butyl Alcohol	3.25	59	325056	174.367	ug/l	#	84
25) Methyl tert-Butyl Ether	3.38	73	1066346	21.974	ug/l		98
26) Bromochloromethane	4.99	128	174386	21.711	ug/l		95
27) Chloroform	5.11	83	724808	20.741	ug/l		98
28) 1,1,1-Trichloroethane	5.33	97	622813	20.604	ug/l		98
29) 1,1-Dichloropropene	5.54	75	576318	22.198	ug/l		99
30) Carbon Tetrachloride	5.54	117	575208	21.038	ug/l		99
31) Isopropyl Ether	4.02	45	1219381	20.778	ug/l		97
32) Ethyl-t-butyl ether	4.53	59	1077739	20.395	ug/l		99
33) Tert-Amyl methyl ether	5.96	73	934782	20.475	ug/l		99
34) Propionitrile	4.82	54	226387	123.670	ug/l	#	94
35) Benzene	5.79	78	1613010	22.450	ug/l		100
36) 1,2-Dichloroethane	5.81	62	573577	20.805	ug/l		100
37) Trichloroethene	6.55	130	384380	21.346	ug/l		93
38) 1,2-Dichloropropane	6.81	63	452106	21.785	ug/l		95
39) Methacrylonitrile	5.00	41	208683	21.494	ug/l		98
40) Methyl acrylate	4.87	55	297691	23.727	ug/l		99
41) Tetrahydrofuran	5.09	42	208226	44.215	ug/l		99
42) 1-Chlorobutane	5.47	56	870379	22.617	ug/l		100

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Quant Time: Oct 23 06:59:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	242837	20.399 ug/l	99
44) Bromodichloromethane	7.12	83	589802	20.685 ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	1957707	119.765 ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	310656m	50.251 ug/l	
47) Methyl methacrylate	6.98	69	507839	49.291 ug/l	99
48) Ethyl methacrylate	8.34	69	456170	24.784 ug/l	99
49) Toluene	7.98	92	992297	22.880 ug/l	99
50) t-1,3-Dichloropropene	8.22	75	575603	22.550 ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	626927	22.111 ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	321999	21.091 ug/l	98
53) 1,3-Dichloropropane	8.58	76	593206	21.631 ug/l	99
54) 2-Hexanone	8.70	43	1407879	119.694 ug/l	99
55) Dibromochloromethane	8.82	129	385086	21.673 ug/l	99
56) 1,2-Dibromoethane	8.93	107	314758	22.047 ug/l	96
58) Tetrachloroethene	8.56	164	337816	19.494 ug/l	99
59) Chlorobenzene	9.45	112	1025147	21.726 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	371886	21.430 ug/l	99
61) Pentachloroethane	11.43	117	293283	23.922 ug/l	98
62) Hexachloroethane	12.47	117	324450	21.597 ug/l	98
63) Ethyl Benzene	9.57	91	1901375	23.575 ug/l	100
64) m/p-Xylenes	9.69	106	1439805	47.462 ug/l	100
65) o-Xylene	10.10	106	665149	22.897 ug/l	98
66) Styrene	10.11	104	1192962	23.354 ug/l	99
67) Bromoform	10.29	173	219001	23.688 ug/l	99
69) Isopropylbenzene	10.48	105	1808593	22.787 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	446294	21.797 ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	374723m	23.812 ug/l	
72) Bromobenzene	10.78	156	410564	21.828 ug/l	99
73) n-propylbenzene	10.91	120	505621	22.928 ug/l	99
74) 2-Chlorotoluene	10.99	126	416372	21.635 ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	1590243	22.843 ug/l	99
76) 4-Chlorotoluene	11.10	126	447056	21.582 ug/l	99
77) tert-Butylbenzene	11.42	119	1499633	23.126 ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	1649684	22.539 ug/l	99
79) sec-Butylbenzene	11.64	105	2054036	21.993 ug/l	100
80) Nitrobenzene	13.20	77	120233	141.712 ug/l	95
81) p-Isopropyltoluene	11.79	119	1749894	23.348 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	850664	20.672 ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	867887	21.269 ug/l	99
84) n-Butylbenzene	12.20	91	1790836	23.434 ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	845667	21.399 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	87010	23.172 ug/l	99
87) 1,2,4-Trichlorobenzene	13.83	180	560611	24.556 ug/l	99
88) Hexachlorobutadiene	14.01	225	273727	22.939 ug/l	98
89) Naphthalene	14.08	128	1289612	28.958 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	541540	25.018 ug/l	99

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

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