Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091120\
Data File : VU040102.D
Acq On : 11 Sep 2020 12:56
Operator : SY/MD
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC020

Quant Time: Sep 11 13:12:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091120DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 11 12:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.13	96	31219	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	12570	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	11554	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	269123	30.359	ug/l		97
3) Chloromethane	1.53	50	214433	22.868	ug/l		98
4) Vinyl Chloride	1.61	62	244178	26.481	ug/l		100
5) Bromomethane	1.86	94	102887	14.983	ug/l		97
6) Chloroethane	1.94	64	121920	20.051	ug/l		97
7) Trichlorofluoromethane	2.15	101	340119	24.576	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	152977	19.156	ug/l		99
9) 1,1-Dichloroethene	2.59	96	114892	17.016	ug/l		98
10) Iodomethane	2.74	142	2285	0.428	ug/l		87
11) Allyl Chloride	3.06	41	6874	0.515	ug/l	#	9
12) Acrylonitrile	3.38	53	5937	2.529	ug/l	#	27
13) Acetone	2.65	43	427565	198.729	ug/l		94
14) Carbon Disulfide	2.81	76	191156	10.195	ug/l		99
15) Methylene Chloride	3.06	84	158719	15.349	ug/l		99
16) trans-1,2-Dichloroethene	3.37	96	129722	17.694	ug/l		98
17) 1,1-Dichloroethane	3.89	63	317258	19.834	ug/l		99
18) 2-Butanone	4.73	43	699607	213.200	ug/l		100
19) Cyclohexane	5.41	56	215115	16.192	ug/l		100
20) Methylcyclohexane	6.77	83	227687	18.490	ug/l		98
22) cis-1,2-Dichloroethene	4.69	96	169325	19.831	ug/l		85
23) Diethyl Ether	2.59	59	9693	1.515	ug/l	#	13
24) tert-Butyl Alcohol	3.20	59	3615	4.199	ug/l	#	70
25) Methyl tert-Butyl Ether	3.38	73	463470	20.583	ug/l		97
26) Bromochloromethane	4.99	128	78165	21.073	ug/l		98
27) Chloroform	5.11	83	339981	20.936	ug/l		98
28) 1,1,1-Trichloroethane	5.33	97	289173	20.476	ug/l		99
30) Carbon Tetrachloride	5.54	117	243786	19.030	ug/l		99
32) Ethyl-t-butyl ether	4.69	59	6412	0.257	ug/l	#	37
33) Tert-Amyl methyl ether	5.79	73	11281	0.513	ug/l	#	58
34) Propionitrile	4.73	54	1666	2.005	ug/l	#	1
35) Benzene	5.79	78	637992	19.174	ug/l		100
36) 1,2-Dichloroethane	5.81	62	239651	18.513	ug/l		100
37) Trichloroethene	6.56	130	162922	19.258	ug/l		97
38) 1,2-Dichloropropane	6.80	63	191730	19.901	ug/l		95
40) Methyl acrylate	4.73	55	7135	1.252	ug/l	#	1
42) 1-Chlorobutane	5.41	56	215115	12.116	ug/l		95
44) Bromodichloromethane	7.11	83	265730	19.882	ug/l		98
45) 4-Methyl-2-Pentanone	7.80	43	1694891	223.463	ug/l		99
46) t-1,4-Dichloro-2-butene	10.82	75	146548	50.501	ug/l	#	16
47) Methyl methacrylate	6.77	69	48834	10.232	ug/l	#	16
49) Toluene	7.98	92	426017	21.183	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
50) t-1,3-Dichloropropene	8.22	75	264617	21.951 ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	275013	20.491 ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	145600	20.413 ug/l	99
54) 2-Hexanone	8.69	43	1193938	217.136 ug/l	98
55) Dibromochloromethane	8.82	129	178153	21.406 ug/l	100
56) 1,2-Dibromoethane	8.93	107	139388	20.925 ug/l	99
58) Tetrachloroethene	8.56	164	121346	14.779 ug/l	99
59) Chlorobenzene	9.45	112	485020	21.748 ug/l	100
61) Pentachloroethane	11.47	117	26682	4.791 ug/l #	17
63) Ethyl Benzene	9.57	91	875889	23.016 ug/l	99
64) m/p-Xylenes	9.70	106	327968	23.066 ug/l	99
65) o-Xylene	10.10	106	317664	23.143 ug/l	100
66) Styrene	10.11	104	579063	24.019 ug/l	100
67) Bromoform	10.29	173	96843	22.596 ug/l	97
69) Isopropylbenzene	10.48	105	883129	23.377 ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	192802	20.218 ug/l	97
71) 1,2,3-Trichloropropane	10.82	75	146548	19.792 ug/l	82
73) n-propylbenzene	11.09	120	383476	36.920 ug/l #	1
75) 1,3,5-Trimethylbenzene	11.09	105	811592	24.530 ug/l	98
77) tert-Butylbenzene	11.47	119	97257	3.160 ug/l #	62
78) 1,2,4-Trimethylbenzene	11.47	105	813891	23.455 ug/l	100
79) sec-Butylbenzene	11.47	105	813891	18.258 ug/l #	58
80) Nitrobenzene	13.20	77	582	1.522 ug/l #	43
82) 1,3-Dichlorobenzene	11.74	146	408336	21.039 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	413574	21.443 ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	384259	20.589 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	36482	20.555 ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	259798	24.118 ug/l	100
89) Naphthalene	14.08	128	546059	26.007 ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	233832	23.305 ug/l	99

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

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