Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033366.D
Acq On : 22 Jul 2019 21:52
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072219

Manual Integrations APPROVED
MMDadoda
7/23/2019 8:55:19 AM

Quant Time: Jul 23 03:51:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.72	96	32840	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.29	95	13595	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	13934	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	77724	5.723	ug/l		100
3) Chloromethane	1.32	50	113027	7.540	ug/l		100
4) Vinyl Chloride	1.39	62	132651	7.930	ug/l		100
5) Bromomethane	1.62	94	87391	8.299	ug/l		98
6) Chloroethane	1.69	64	98660	8.398	ug/l		98
7) Trichlorofluoromethane	1.87	101	197553	8.601	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	113386	9.570	ug/l		99
9) 1,1-Dichloroethene	2.27	96	117780	10.093	ug/l		97
10) Iodomethane	2.40	142	148532	9.471	ug/l		99
11) Allyl Chloride	2.57	41	185736	9.645	ug/l		95
12) Acrylonitrile	2.93	53	153915m	47.252	ug/l		
13) Acetone	2.33	43	121399	43.682	ug/l		99
14) Carbon Disulfide	2.46	76	379155	8.551	ug/l		100
15) Methylene Chloride	2.68	84	135020	8.579	ug/l		99
16) trans-1,2-Dichloroethene	2.96	96	128485	9.272	ug/l		97
17) 1,1-Dichloroethane	3.42	63	180272	9.693	ug/l		99
18) 2-Butanone	4.26	43	133539	50.342	ug/l		100
19) Cyclohexane	4.96	56	148892m	10.909	ug/l		
20) Methylcyclohexane	6.39	83	151078	10.995	ug/l		99
21) 2,2-Dichloropropane	4.20	77	137450	8.722	ug/l		99
22) cis-1,2-Dichloroethene	4.20	96	105058	10.004	ug/l		100
23) Diethyl Ether	2.09	59	92829	9.228	ug/l		98
24) tert-Butyl Alcohol	2.87	59	63895	49.152	ug/l	#	86
25) Methyl tert-Butyl Ether	2.98	73	325545	9.689	ug/l		98
26) Bromochloromethane	4.52	128	45936	9.947	ug/l		96
27) Chloroform	4.65	83	187309	8.812	ug/l		98
28) 1,1,1-Trichloroethane	4.89	97	160591	9.759	ug/l		99
29) 1,1-Dichloropropene	5.11	75	137155	10.105	ug/l		99
30) Carbon Tetrachloride	5.11	117	141218	9.750	ug/l		98
31) Isopropyl Ether	3.56	45	265014	11.274	ug/l	#	1
34) Propionitrile	4.33	54	86819	114.094	ug/l	#	97
35) Benzene	5.36	78	401835	10.247	ug/l		99
36) 1,2-Dichloroethane	5.38	62	129588	9.929	ug/l		99
37) Trichloroethene	6.16	130	106716	10.310	ug/l		94
38) 1,2-Dichloropropane	6.41	63	109010	10.075	ug/l		97
39) Methacrylonitrile	4.53	41	32102	10.628	ug/l		96
40) Methyl acrylate	4.41	55	49980	10.636	ug/l	#	93
41) Tetrahydrofuran	4.64	42	88321	58.312	ug/l		98
42) 1-Chlorobutane	5.04	56	185203	10.177	ug/l		99
43) Dibromomethane	6.54	93	59227	9.887	ug/l		97
44) Bromodichloromethane	6.74	83	145297	10.060	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.45	43	333727	54.626 ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	27178m	11.023 ug/l	
47) Methyl methacrylate	6.61	69	50034	10.959 ug/l	99
48) Ethyl methacrylate	8.00	69	100059	12.434 ug/l	99
49) Toluene	7.62	92	253144	11.268 ug/l	99
50) t-1,3-Dichloropropene	7.86	75	135252	11.227 ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	154643	10.873 ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	81861	10.225 ug/l	97
53) 1,3-Dichloropropane	8.22	76	140116	10.358 ug/l	98
54) 2-Hexanone	8.35	43	239602	55.714 ug/l	99
55) Dibromochloromethane	8.46	129	97249	10.400 ug/l	98
56) 1,2-Dibromoethane	8.57	107	77752	10.420 ug/l	97
58) Tetrachloroethene	8.21	164	98458	10.490 ug/l	98
59) Chlorobenzene	9.10	112	272966	10.598 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	100278	10.253 ug/l	99
61) Pentachloroethane	11.09	117	79645	9.922 ug/l	100
62) Hexachloroethane	12.13	117	80215	10.328 ug/l	99
63) Ethyl Benzene	9.23	91	487504	11.788 ug/l	98
64) m/p-Xylenes	9.36	106	389169	23.536 ug/l	98
65) o-Xylene	9.76	106	180699	11.404 ug/l	99
66) Styrene	9.77	104	322773	12.009 ug/l	99
67) Bromoform	9.94	173	56426	11.149 ug/l	99
69) Isopropylbenzene	10.15	105	488903	12.033 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	107081	10.092 ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	79925m	9.757 ug/l	
72) Bromobenzene	10.44	156	119572	11.141 ug/l	98
73) n-propylbenzene	10.57	120	134168	11.585 ug/l	97
74) 2-Chlorotoluene	10.65	126	118923	11.249 ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	441479	12.103 ug/l	99
76) 4-Chlorotoluene	10.76	126	126038	11.441 ug/l	100
77) tert-Butylbenzene	11.09	119	389553	11.269 ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	446391	11.972 ug/l	100
79) sec-Butylbenzene	11.31	105	505336	10.620 ug/l	100
80) Nitrobenzene	12.85	77	3757m	8.519 ug/l	
81) p-Isopropyltoluene	11.46	119	464127	11.997 ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	236922	10.386 ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	242869	10.762 ug/l	99
84) n-Butylbenzene	11.87	91	457192	11.549 ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	224575	10.500 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	19008	11.389 ug/l	97
87) 1,2,4-Trichlorobenzene	13.49	180	161573	12.696 ug/l	99
88) Hexachlorobutadiene	13.68	225	83815	10.678 ug/l	98
89) Naphthalene	13.73	128	315940	10.873 ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	149640	12.115 ug/l	99

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

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