Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030004.D
Acq On : 12 Mar 2019 12:15
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:56:04 PM

Quant Time: Mar 13 04:21:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	65762	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	24304	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	27052	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	359383	14.901	ug/l	100
3) Chloromethane	1.33	50	399202	14.590	ug/l	99
4) Vinyl Chloride	1.40	62	351093	14.970	ug/l	98
5) Bromomethane	1.62	94	164152	12.247	ug/l	98
6) Chloroethane	1.69	64	198339	14.649	ug/l	99
7) Trichlorofluoromethane	1.88	101	449624	14.780	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	238822	14.431	ug/l	98
9) 1,1-Dichloroethene	2.28	96	245373	14.954	ug/l	98
10) Iodomethane	2.41	142	266341	18.734	ug/l	98
11) Allyl Chloride	2.59	41	341330	14.711	ug/l	98
12) Acrylonitrile	2.93	53	101862	28.663	ug/l	99
13) Acetone	2.32	43	205547	66.438	ug/l	99
14) Carbon Disulfide	2.47	76	835863	14.621	ug/l	99
15) Methylene Chloride	2.70	84	270366	13.838	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	273927	14.457	ug/l	98
17) 1,1-Dichloroethane	3.44	63	470252	14.680	ug/l	100
18) 2-Butanone	4.27	43	333351	77.825	ug/l	99
19) Cyclohexane	4.99	56	430888m	15.757	ug/l	
20) Methylcyclohexane	6.41	83	479296	15.826	ug/l	100
21) 2,2-Dichloropropane	4.22	77	385333	14.306	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	312071	14.815	ug/l	99
23) Diethyl Ether	2.10	59	182721	14.904	ug/l	98
24) tert-Butyl Alcohol	2.83	59	192103	146.416	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	614864	14.838	ug/l	99
26) Bromochloromethane	4.54	128	134120	14.554	ug/l	99
27) Chloroform	4.67	83	481866	14.298	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	419337	15.122	ug/l	100
29) 1,1-Dichloropropene	5.13	75	379533	15.034	ug/l	100
30) Carbon Tetrachloride	5.13	117	373882	15.082	ug/l	99
31) Isopropyl Ether	3.58	45	684705	15.189	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	672165	15.476	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	623906	15.693	ug/l	99
34) Propionitrile	4.32	54	98079	80.714	ug/l #	97
35) Benzene	5.38	78	1100082	14.894	ug/l	100
36) 1,2-Dichloroethane	5.40	62	286517	14.508	ug/l	100
37) Trichloroethene	6.18	130	312335	14.682	ug/l	98
38) 1,2-Dichloropropane	6.43	63	276821	14.744	ug/l	99
39) Methacrylonitrile	4.55	41	80067	15.377	ug/l #	94
40) Methyl acrylate	4.42	55	138833	16.874	ug/l	97
41) Tetrahydrofuran	4.65	42	82504	28.648	ug/l	99
42) 1-Chlorobutane	5.06	56	502529	15.198	ug/l	100

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Quant Time: Mar 13 04:21:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	143795	14.802 ug/l	97
44) Bromodichloromethane	6.75	83	348515	15.039 ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	760838	79.274 ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	149153m	39.983 ug/l	
47) Methyl methacrylate	6.62	69	265194	32.587 ug/l	99
48) Ethyl methacrylate	8.02	69	261802	17.058 ug/l	100
49) Toluene	7.63	92	705614	15.855 ug/l	98
50) t-1,3-Dichloropropene	7.88	75	338291	16.302 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	411880	15.789 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	206496	15.037 ug/l	96
53) 1,3-Dichloropropane	8.24	76	347204	15.117 ug/l	99
54) 2-Hexanone	8.36	43	545768	78.925 ug/l	100
55) Dibromochloromethane	8.47	129	259700	15.720 ug/l	98
56) 1,2-Dibromoethane	8.58	107	201405	15.239 ug/l	100
58) Tetrachloroethene	8.22	164	295829	15.313 ug/l	97
59) Chlorobenzene	9.12	112	797198	15.676 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	273296	15.214 ug/l	98
61) Pentachloroethane	11.10	117	216841	15.642 ug/l	99
62) Hexachloroethane	12.14	117	225111	16.117 ug/l	99
63) Ethyl Benzene	9.25	91	1346408	16.121 ug/l	99
64) m/p-Xylenes	9.37	106	1072079	32.626 ug/l	100
65) o-Xylene	9.77	106	516314	16.020 ug/l	99
66) Styrene	9.79	104	885145	16.756 ug/l	99
67) Bromoform	9.95	173	156542	16.578 ug/l	99
69) Isopropylbenzene	10.16	105	1356219	16.139 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	261025	15.422 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	183732m	14.622 ug/l	
72) Bromobenzene	10.45	156	350026	15.882 ug/l	100
73) n-propylbenzene	10.58	120	390475	16.380 ug/l	99
74) 2-Chlorotoluene	10.66	126	331662	15.886 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	1177930	16.454 ug/l	100
76) 4-Chlorotoluene	10.77	126	338329	15.876 ug/l	98
77) tert-Butylbenzene	11.10	119	1155225	16.485 ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	1205166	16.553 ug/l	99
79) sec-Butylbenzene	11.32	105	1537235	16.375 ug/l	99
80) Nitrobenzene	12.86	77	29104	92.060 ug/l	98
81) p-Isopropyltoluene	11.47	119	1309602	16.632 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	691479	15.536 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	685916	15.330 ug/l	99
84) n-Butylbenzene	11.89	91	1234217	16.780 ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	642593	15.512 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	39812	16.328 ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	481353	16.102 ug/l	99
88) Hexachlorobutadiene	13.69	225	254986	15.736 ug/l	98
89) Naphthalene	13.74	128	838922	17.907 ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	434325	16.035 ug/l	99

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

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