Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031512.D
Acq On : 25 Apr 2019 22:03
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU042619

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:22:52 PM

Quant Time: Apr 26 05:46:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	79591	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	28473	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	26264	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	222714	6.199	ug/l	99
3) Chloromethane	1.32	50	331386	7.729	ug/l	99
4) Vinyl Chloride	1.40	62	332236	8.139	ug/l	100
5) Bromomethane	1.62	94	174531	8.823	ug/l	96
6) Chloroethane	1.69	64	195938	8.678	ug/l	100
7) Trichlorofluoromethane	1.88	101	415038	8.926	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	234775	10.243	ug/l	97
9) 1,1-Dichloroethene	2.28	96	238816	10.479	ug/l	100
10) Iodomethane	2.41	142	249415	9.948	ug/l	99
11) Allyl Chloride	2.59	41	498012	9.977	ug/l	97
12) Acrylonitrile	2.93	53	342033	49.541	ug/l	97
13) Acetone	2.32	43	282833	44.959	ug/l	98
14) Carbon Disulfide	2.47	76	804808	9.200	ug/l	99
15) Methylene Chloride	2.69	84	271838	9.411	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	253537	9.943	ug/l	96
17) 1,1-Dichloroethane	3.44	63	529448	9.959	ug/l	99
18) 2-Butanone	4.27	43	430827	52.412	ug/l	99
19) Cyclohexane	4.99	56	464839m	11.358	ug/l	
20) Methylcyclohexane	6.41	83	388197	11.818	ug/l	99
21) 2,2-Dichloropropane	4.22	77	355081	9.142	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	278177	10.200	ug/l	99
23) Diethyl Ether	2.10	59	211212	9.671	ug/l	97
24) tert-Butyl Alcohol	2.83	59	111701	49.314	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	677188	10.206	ug/l	99
26) Bromochloromethane	4.54	128	115911	10.057	ug/l	98
27) Chloroform	4.67	83	487855	9.899	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	417020	10.046	ug/l	99
29) 1,1-Dichloropropene	5.13	75	371680	11.056	ug/l	99
30) Carbon Tetrachloride	5.13	117	355107	10.043	ug/l	99
31) Isopropyl Ether	3.57	45	917491	11.524	ug/l #	1
34) Propionitrile	4.33	54	255623	115.932	ug/l #	98
35) Benzene	5.38	78	1087693	10.580	ug/l	100
36) 1,2-Dichloroethane	5.40	62	339999	10.149	ug/l	99
37) Trichloroethene	6.18	130	251168	9.985	ug/l	96
38) 1,2-Dichloropropane	6.43	63	303942	10.464	ug/l	98
39) Methacrylonitrile	4.54	41	109013	11.784	ug/l	98
40) Methyl acrylate	4.42	55	147801	10.172	ug/l	95
41) Tetrahydrofuran	4.64	42	295788	58.355	ug/l	98
42) 1-Chlorobutane	5.06	56	566578	11.109	ug/l	98
43) Dibromomethane	6.56	93	147483	10.332	ug/l	99
44) Bromodichloromethane	6.75	83	374497	10.559	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.46	43	979428	57.328 ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	64570m	12.316 ug/l	
47) Methyl methacrylate	6.62	69	132733	12.035 ug/l	98
48) Ethyl methacrylate	8.02	69	243096	12.666 ug/l	97
49) Toluene	7.63	92	628311	11.756 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	328003	11.740 ug/l	99
51) cis-1,3-Dichloropropene	7.26	75	389534	11.446 ug/l	97
52) 1,1,2-Trichloroethane	8.06	97	204642	10.985 ug/l	98
53) 1,3-Dichloropropane	8.24	76	363093	11.113 ug/l	99
54) 2-Hexanone	8.36	43	662718	57.531 ug/l	98
55) Dibromochloromethane	8.47	129	224743	10.699 ug/l	99
56) 1,2-Dibromoethane	8.58	107	180667	10.838 ug/l	96
58) Tetrachloroethene	8.22	164	251247	10.356 ug/l	98
59) Chlorobenzene	9.12	112	621551	11.085 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	232614	10.638 ug/l	99
61) Pentachloroethane	11.10	117	160956	10.387 ug/l	99
62) Hexachloroethane	12.14	117	167560	10.980 ug/l	100
63) Ethyl Benzene	9.25	91	1150394	12.530 ug/l	99
64) m/p-Xylenes	9.37	106	866560	25.225 ug/l	96
65) o-Xylene	9.77	106	404136	12.107 ug/l	99
66) Styrene	9.79	104	725131	11.002 ug/l	99
67) Bromoform	9.95	173	126982	10.804 ug/l	99
69) Isopropylbenzene	10.16	105	1111003	12.709 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	249740	10.415 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	192026m	10.989 ug/l	
72) Bromobenzene	10.45	156	256816	11.582 ug/l	98
73) n-propylbenzene	10.58	120	277899	12.283 ug/l	94
74) 2-Chlorotoluene	10.66	126	253434	11.753 ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	980233	11.325 ug/l	99
76) 4-Chlorotoluene	10.77	126	263168	10.902 ug/l	98
77) tert-Butylbenzene	11.10	119	831037	11.894 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	972674	11.070 ug/l	100
79) sec-Butylbenzene	11.32	105	1100694	11.549 ug/l	99
80) Nitrobenzene	12.87	77	6968m	12.071 ug/l	
81) p-Isopropyltoluene	11.47	119	975471	11.108 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	479487	10.935 ug/l	97
83) 1,4-Dichlorobenzene	11.50	146	499399	11.861 ug/l	99
84) n-Butylbenzene	11.89	91	952557	10.959 ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	448692	10.766 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	38845	11.253 ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	301720	11.787 ug/l	99
88) Hexachlorobutadiene	13.69	225	167848	10.962 ug/l	96
89) Naphthalene	13.74	128	546056	11.408 ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	277583	12.840 ug/l	100

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

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