

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030003.D
 Acq On : 12 Mar 2019 11:48
 Operator : JC/SP
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 12:55:59 PM

Quant Time: Mar 13 04:19:46 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)
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1) Fluorobenzene	5.74	96	65241	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22907	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	26477	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	229256	9.582	ug/l	100
3) Chloromethane	1.33	50	263101	9.693	ug/l	100
4) Vinyl Chloride	1.40	62	225078	9.674	ug/l	100
5) Bromomethane	1.62	94	116385	8.752	ug/l	100
6) Chloroethane	1.70	64	130506	9.716	ug/l	100
7) Trichlorofluoromethane	1.88	101	289251	9.584	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	157042	9.565	ug/l	100
9) 1,1-Dichloroethene	2.28	96	157577	9.680	ug/l	100
10) Iodomethane	2.41	142	163339	11.581	ug/l	100
11) Allyl Chloride	2.59	41	221612	9.628	ug/l	100
12) Acrylonitrile	2.93	53	66511	18.865	ug/l	100
13) Acetone	2.32	43	134995	43.982	ug/l	100
14) Carbon Disulfide	2.47	76	544501	9.601	ug/l	100
15) Methylene Chloride	2.70	84	178295	9.199	ug/l	100
16) trans-1,2-Dichloroethene	2.98	96	179643	9.557	ug/l	100
17) 1,1-Dichloroethane	3.44	63	308221	9.699	ug/l	100
18) 2-Butanone	4.27	43	209612	49.327	ug/l	100
19) Cyclohexane	4.99	56	275712m	10.163	ug/l	
20) Methylcyclohexane	6.41	83	307086	10.221	ug/l	100
21) 2,2-Dichloropropane	4.22	77	252939	9.465	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	202527	9.692	ug/l	100
23) Diethyl Ether	2.10	59	118970	9.782	ug/l	100
24) tert-Butyl Alcohol	2.83	59	121265	93.163	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	396719	9.650	ug/l	100
26) Bromochloromethane	4.54	128	87013	9.518	ug/l	100
27) Chloroform	4.67	83	313523	9.377	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	273356	9.937	ug/l	100
29) 1,1-Dichloropropene	5.13	75	247924	9.899	ug/l	100
30) Carbon Tetrachloride	5.13	117	242358	9.855	ug/l	100
31) Isopropyl Ether	3.57	45	435483	9.738	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	428656	9.948	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	396031	10.041	ug/l	100
34) Propionitrile	4.33	54	59449	49.314	ug/l	100
35) Benzene	5.38	78	720755	9.836	ug/l	100
36) 1,2-Dichloroethane	5.40	62	185308	9.458	ug/l	100
37) Trichloroethene	6.18	130	204663	9.697	ug/l	100
38) 1,2-Dichloropropane	6.43	63	181424	9.740	ug/l	100
39) Methacrylonitrile	4.54	41	49759	9.633	ug/l	100
40) Methyl acrylate	4.42	55	82809	10.145	ug/l	100
41) Tetrahydrofuran	4.65	42	52101	18.236	ug/l	100
42) 1-Chlorobutane	5.06	56	326549	9.955	ug/l	100

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43) Dibromomethane	6.56	93	92710	9.620	ug/l	100
44) Bromodichloromethane	6.75	83	225173	9.794	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	480758	50.492	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	88953m	24.036	ug/l	
47) Methyl methacrylate	6.62	69	167862	20.792	ug/l	100
48) Ethyl methacrylate	8.02	69	166792	10.954	ug/l	100
49) Toluene	7.63	92	449737	10.186	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	215224	10.454	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	265918	10.275	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	132606	9.733	ug/l	100
53) 1,3-Dichloropropane	8.24	76	223284	9.799	ug/l	100
54) 2-Hexanone	8.36	43	342584	49.938	ug/l	100
55) Dibromochloromethane	8.47	129	164183	10.018	ug/l	100
56) 1,2-Dibromoethane	8.58	107	130006	9.915	ug/l	100
58) Tetrachloroethene	8.22	164	188206	9.820	ug/l	100
59) Chlorobenzene	9.12	112	504266	9.995	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	176840	9.923	ug/l	100
61) Pentachloroethane	11.10	117	135993	9.888	ug/l	100
62) Hexachloroethane	12.14	117	143555	10.360	ug/l	100
63) Ethyl Benzene	9.25	91	852487	10.289	ug/l	100
64) m/p-Xylenes	9.37	106	687083	21.077	ug/l	100
65) o-Xylene	9.77	106	330985	10.351	ug/l	100
66) Styrene	9.79	104	561207	10.709	ug/l	100
67) Bromoform	9.95	173	97063	10.361	ug/l	100
69) Isopropylbenzene	10.16	105	862999	10.352	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	164222	9.780	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	116473m	9.343	ug/l	
72) Bromobenzene	10.45	156	221512	10.131	ug/l	100
73) n-propylbenzene	10.58	120	249511	10.550	ug/l	100
74) 2-Chlorotoluene	10.66	126	212000	10.236	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	750316	10.564	ug/l	100
76) 4-Chlorotoluene	10.77	126	220849	10.446	ug/l	100
77) tert-Butylbenzene	11.10	119	721476	10.378	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	767923	10.632	ug/l	100
79) sec-Butylbenzene	11.32	105	976629	10.486	ug/l	100
80) Nitrobenzene	12.86	77	15507	49.442	ug/l	100
81) p-Isopropyltoluene	11.47	119	834909	10.688	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	441542	10.000	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	442730	9.974	ug/l	100
84) n-Butylbenzene	11.89	91	778746	10.672	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	409417	9.962	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	25550	10.562	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	305150	10.289	ug/l	100
88) Hexachlorobutadiene	13.69	225	160244	9.968	ug/l	100
89) Naphthalene	13.74	128	525279	11.302	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	275840	10.265	ug/l	100

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

