

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
 Data File : VU029834.D
 Acq On : 06 Mar 2019 11:14
 Operator : JC/SP
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sample ID :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 4:50:13 PM

Quant Time: Mar 08 01:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 07 01:00:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	66017	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	24354	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	27453	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	211491	9.574	ug/l	100
3) Chloromethane	1.33	50	187602	9.537	ug/l	100
4) Vinyl Chloride	1.40	62	216474	9.783	ug/l	100
5) Bromomethane	1.62	94	127921	8.465	ug/l	100
6) Chloroethane	1.69	64	127849	9.635	ug/l	100
7) Trichlorofluoromethane	1.88	101	292873	9.712	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	171682	9.786	ug/l	100
9) 1,1-Dichloroethene	2.28	96	167266	9.741	ug/l	100
10) Iodomethane	2.41	142	190516	12.797	ug/l	100
11) Allyl Chloride	2.59	41	232031	9.612	ug/l	100
12) Acrylonitrile	2.93	53	71899	19.203	ug/l	100
13) Acetone	2.32	43	142595	45.983	ug/l	100
14) Carbon Disulfide	2.47	76	540355	9.717	ug/l	100
15) Methylene Chloride	2.69	84	188005	9.124	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	186320	9.605	ug/l	100
17) 1,1-Dichloroethane	3.44	63	309531	9.537	ug/l	100
18) 2-Butanone	4.27	43	216145	51.288	ug/l	100
19) Cyclohexane	4.99	56	257391m	10.452	ug/l	
20) Methylcyclohexane	6.41	83	303991	10.357	ug/l	100
21) 2,2-Dichloropropane	4.22	77	255343	9.625	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	202649	9.857	ug/l	100
23) Diethyl Ether	2.10	59	126616	9.835	ug/l	100
24) tert-Butyl Alcohol	2.84	59	129553	97.555	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	421781	9.754	ug/l	100
26) Bromochloromethane	4.54	128	88478	9.694	ug/l	100
27) Chloroform	4.67	83	317877	9.672	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	276406	9.919	ug/l	100
29) 1,1-Dichloropropene	5.13	75	247140	9.980	ug/l	100
30) Carbon Tetrachloride	5.13	117	245048	10.080	ug/l	100
31) Isopropyl Ether	3.58	45	439455	9.817	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	436310	10.027	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	410860	10.211	ug/l	100
34) Propionitrile	4.33	54	67038	53.476	ug/l	100
35) Benzene	5.38	78	717246	9.832	ug/l	100
36) 1,2-Dichloroethane	5.40	62	195872	9.831	ug/l	100
37) Trichloroethene	6.18	130	208777	9.803	ug/l	100
38) 1,2-Dichloropropane	6.43	63	182575	9.888	ug/l	100
39) Methacrylonitrile	4.55	41	52897	10.031	ug/l	100
40) Methyl acrylate	4.42	55	85016	10.200	ug/l	100
41) Tetrahydrofuran	4.65	42	52946	19.196	ug/l	100
42) 1-Chlorobutane	5.06	56	318610	10.071	ug/l	100

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43) Dibromomethane	6.56	93	95930	10.024	ug/l	100
44) Bromodichloromethane	6.75	83	233413	9.931	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	515658	51.664	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	91393m	21.035	ug/l	
47) Methyl methacrylate	6.62	69	173894	21.175	ug/l	100
48) Ethyl methacrylate	8.02	69	173370	11.018	ug/l	100
49) Toluene	7.63	92	464768	10.375	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	215221	10.449	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	263553	10.336	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	137382	9.698	ug/l	100
53) 1,3-Dichloropropane	8.24	76	230551	9.923	ug/l	100
54) 2-Hexanone	8.36	43	367594	53.030	ug/l	100
55) Dibromochloromethane	8.47	129	171790	10.218	ug/l	100
56) 1,2-Dibromoethane	8.58	107	132932	9.897	ug/l	100
58) Tetrachloroethene	8.22	164	211839	9.738	ug/l	100
59) Chlorobenzene	9.12	112	524631	10.190	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	183722	9.948	ug/l	100
61) Pentachloroethane	11.10	117	132554	10.309	ug/l	100
62) Hexachloroethane	12.14	117	144769	10.702	ug/l	100
63) Ethyl Benzene	9.25	91	888746	10.538	ug/l	100
64) m/p-Xylenes	9.37	106	717636	21.524	ug/l	100
65) o-Xylene	9.77	106	343031	10.713	ug/l	100
66) Styrene	9.79	104	578232	10.870	ug/l	100
67) Bromoform	9.95	173	104182	10.551	ug/l	100
69) Isopropylbenzene	10.16	105	902217	10.625	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	171936	9.952	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	125425m	10.024	ug/l	
72) Bromobenzene	10.45	156	230985	10.277	ug/l	100
73) n-propylbenzene	10.59	120	258362	10.823	ug/l	100
74) 2-Chlorotoluene	10.66	126	220075	10.393	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	775703	10.844	ug/l	100
76) 4-Chlorotoluene	10.77	126	230334	10.667	ug/l	100
77) tert-Butylbenzene	11.10	119	762677	10.776	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	791042	10.944	ug/l	100
79) sec-Butylbenzene	11.32	105	1016453	10.837	ug/l	100
80) Nitrobenzene	12.86	77	18142	55.017	ug/l	100
81) p-Isopropyltoluene	11.47	119	864742	11.012	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	458964	10.311	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	450850	10.366	ug/l	100
84) n-Butylbenzene	11.89	91	782852	10.942	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	426639	10.165	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26573	10.773	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	294521	10.957	ug/l	100
88) Hexachlorobutadiene	13.69	225	172360	10.180	ug/l	100
89) Naphthalene	13.74	128	505773	11.772	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	276593	10.953	ug/l	100

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

