

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027355.D
 Acq On : 02 Oct 2018 21:34
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

apatel
 10/5/2018 12:14:40 PM

Quant Time: Oct 03 09:40:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	21886	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8624	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7608	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	71973	9.807	ug/l	100
3) Chloromethane	1.33	50	82747	9.706	ug/l	99
4) Vinyl Chloride	1.40	62	85957	9.911	ug/l	99
5) Bromomethane	1.62	94	42801	11.799	ug/l	97
6) Chloroethane	1.70	64	58634	10.761	ug/l	99
7) Trichlorofluoromethane	1.89	101	99050	9.856	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58349	9.871	ug/l	99
9) 1,1-Dichloroethene	2.28	96	48484	9.848	ug/l	98
10) Iodomethane	2.41	142	57246	10.318	ug/l	97
11) Allyl Chloride	2.59	41	122863	9.445	ug/l	99
12) Acrylonitrile	2.94	53	36091	21.235	ug/l	98
13) Acetone	2.32	43	76505	54.008	ug/l	99
14) Carbon Disulfide	2.48	76	146453	9.576	ug/l	100
15) Methylene Chloride	2.70	84	70406	11.037	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	55488	9.690	ug/l	96
17) 1,1-Dichloroethane	3.44	63	131361	9.503	ug/l	99
18) 2-Butanone	4.29	43	134283	51.598	ug/l	98
19) Cyclohexane	4.98	56	103914	9.951	ug/l	99
20) Methylcyclohexane	6.41	83	89829	9.580	ug/l	96
21) 2,2-Dichloropropane	4.22	77	103087	8.708	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	68240	9.890	ug/l	96
23) Diethyl Ether	2.11	59	52097	9.917	ug/l	99
24) tert-Butyl Alcohol	2.85	59	67027	112.829	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	164356	10.004	ug/l	99
26) Bromochloromethane	4.55	128	26068	10.278	ug/l	98
27) Chloroform	4.67	83	125816	9.970	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	103841	10.145	ug/l	99
29) 1,1-Dichloropropene	5.13	75	91528	9.930	ug/l	99
30) Carbon Tetrachloride	5.13	117	88022	10.398	ug/l	98
31) Isopropyl Ether	3.59	45	256192	9.743	ug/l	100
32) Ethyl-t-butyl ether	4.09	59	208256	10.145	ug/l	100
33) Tert-Amyl methyl ether	5.59	73	173252	10.537	ug/l	99
34) Propionitrile	4.34	54	37238	55.471	ug/l	98
35) Benzene	5.38	78	270459	10.034	ug/l	99
36) 1,2-Dichloroethane	5.40	62	91631	10.369	ug/l	100
37) Trichloroethene	6.18	130	59631	9.966	ug/l	94
38) 1,2-Dichloropropane	6.43	63	81410	9.990	ug/l	98
39) Methacrylonitrile	4.56	41	34679	9.870	ug/l	98
40) Methyl acrylate	4.44	55	45352	10.139	ug/l	100
41) Tetrahydrofuran	4.66	42	34914	21.150	ug/l	99
42) 1-Chlorobutane	5.06	56	148656	10.024	ug/l	99

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43) Dibromomethane	6.56	93	36805	10.855	ug/l	99
44) Bromodichloromethane	6.76	83	94329	10.254	ug/l	98
45) 4-Methyl-2-Pentanone	7.48	43	301315	57.718	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	35486m	23.446	ug/l	
47) Methyl methacrylate	6.64	69	75005	21.974	ug/l	98
48) Ethyl methacrylate	8.03	69	67472	11.348	ug/l	98
49) Toluene	7.64	92	153730	10.431	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	86022	10.528	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	98064	10.017	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	50205	10.521	ug/l	98
53) 1,3-Dichloropropane	8.25	76	95823	10.585	ug/l	100
54) 2-Hexanone	8.38	43	210923	58.475	ug/l	99
55) Dibromochloromethane	8.48	129	57591	10.930	ug/l	99
56) 1,2-Dibromoethane	8.59	107	45586	10.807	ug/l	98
58) Tetrachloroethene	8.22	164	54587	10.290	ug/l	98
59) Chlorobenzene	9.12	112	158607	10.319	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	61117	10.343	ug/l	99
61) Pentachloroethane	11.10	117	49327	10.099	ug/l	98
62) Hexachloroethane	12.15	117	51339	11.022	ug/l	99
63) Ethyl Benzene	9.25	91	287876	10.910	ug/l	99
64) m/p-Xylenes	9.38	106	225205	22.767	ug/l	99
65) o-Xylene	9.78	106	103686	11.042	ug/l	99
66) Styrene	9.79	104	192695	11.692	ug/l	100
67) Bromoform	9.96	173	31087	11.031	ug/l	98
69) Isopropylbenzene	10.17	105	277892	11.223	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	70862	10.993	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	47766	9.604	ug/l	92
72) Bromobenzene	10.45	156	65376	10.944	ug/l	97
73) n-propylbenzene	10.59	120	79108	11.865	ug/l	100
74) 2-Chlorotoluene	10.66	126	68588	11.255	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	254983	11.577	ug/l	100
76) 4-Chlorotoluene	10.77	126	72821	11.646	ug/l	100
77) tert-Butylbenzene	11.10	119	232906	11.199	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	267146	9.910	ug/l	99
79) sec-Butylbenzene	11.32	105	330271	11.575	ug/l	100
80) Nitrobenzene	12.86	77	16302	61.526	ug/l	97
81) p-Isopropyltoluene	11.48	119	273938	9.856	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	140465	11.165	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	138970	11.035	ug/l	100
84) n-Butylbenzene	11.89	91	280895	9.933	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	129823	11.153	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	11072	11.342	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	82659	11.203	ug/l	99
88) Hexachlorobutadiene	13.69	225	51459	10.543	ug/l	100
89) Naphthalene	13.74	128	161532	12.412	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	85800	11.758	ug/l	99

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

