

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027357.D
 Acq On : 03 Oct 2018 11:20
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:03 AM

Quant Time: Oct 03 17:12:10 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	22157	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	9305	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7313	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	73893	9.946	ug/l	100
3) Chloromethane	1.33	50	87489	10.136	ug/l	100
4) Vinyl Chloride	1.40	62	87078	9.918	ug/l	99
5) Bromomethane	1.63	94	42969	11.701	ug/l	98
6) Chloroethane	1.70	64	58035	10.505	ug/l	99
7) Trichlorofluoromethane	1.89	101	99690	9.799	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	60806	10.161	ug/l	99
9) 1,1-Dichloroethene	2.29	96	50058	10.043	ug/l	95
10) Iodomethane	2.41	142	59937	10.671	ug/l	99
11) Allyl Chloride	2.59	41	128104	9.727	ug/l	99
12) Acrylonitrile	2.94	53	34178	19.863	ug/l	99
13) Acetone	2.33	43	70839	49.528	ug/l	96
14) Carbon Disulfide	2.48	76	141296	9.125	ug/l	99
15) Methylene Chloride	2.70	84	67547	10.467	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	56351	9.720	ug/l	99
17) 1,1-Dichloroethane	3.45	63	142939	10.214	ug/l	99
18) 2-Butanone	4.29	43	129631	49.201	ug/l	100
19) Cyclohexane	4.99	56	104074	9.845	ug/l	98
20) Methylcyclohexane	6.41	83	97225	10.242	ug/l	97
21) 2,2-Dichloropropane	4.23	77	115395	9.628	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	68284	9.776	ug/l	100
23) Diethyl Ether	2.11	59	52118	9.799	ug/l	100
24) tert-Butyl Alcohol	2.86	59	56833	94.499	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	166591	10.016	ug/l	100
26) Bromochloromethane	4.55	128	25730	10.021	ug/l	91
27) Chloroform	4.68	83	120666	9.445	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	101758	9.820	ug/l	99
29) 1,1-Dichloropropene	5.13	75	93922	10.065	ug/l	99
30) Carbon Tetrachloride	5.13	117	91741	10.705	ug/l	99
31) Isopropyl Ether	3.58	45	260055	9.769	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	208544	10.034	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	174592	10.489	ug/l	100
34) Propionitrile	4.35	54	32210	47.394	ug/l #	96
35) Benzene	5.39	78	277018	10.152	ug/l	99
36) 1,2-Dichloroethane	5.41	62	92428	10.332	ug/l	100
37) Trichloroethene	6.18	130	62008	10.236	ug/l	96
38) 1,2-Dichloropropane	6.43	63	82684	10.023	ug/l	96
39) Methacrylonitrile	4.56	41	29874	8.399	ug/l	99
40) Methyl acrylate	4.44	55	41147	9.086	ug/l	98
41) Tetrahydrofuran	4.67	42	31220	18.711	ug/l	99
42) 1-Chlorobutane	5.06	56	156907	10.451	ug/l	100

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43) Dibromomethane	6.56	93	36045	10.501	ug/l	98
44) Bromodichloromethane	6.76	83	95503	10.254	ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	285275	53.977	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	34689m	22.639	ug/l	
47) Methyl methacrylate	6.64	69	70914	20.521	ug/l	99
48) Ethyl methacrylate	8.03	69	65235	10.837	ug/l	98
49) Toluene	7.64	92	155564	10.426	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	85889	10.383	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	100898	10.181	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	50835	10.523	ug/l	97
53) 1,3-Dichloropropane	8.25	76	94493	10.310	ug/l	99
54) 2-Hexanone	8.37	43	200997	55.042	ug/l	99
55) Dibromochloromethane	8.48	129	57156	10.715	ug/l	99
56) 1,2-Dibromoethane	8.59	107	43516	10.190	ug/l	100
58) Tetrachloroethene	8.22	164	52999	9.869	ug/l	98
59) Chlorobenzene	9.12	112	159200	10.231	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	62108	10.383	ug/l	99
61) Pentachloroethane	11.10	117	52926	10.704	ug/l	97
62) Hexachloroethane	12.15	117	53116	11.264	ug/l	99
63) Ethyl Benzene	9.25	91	290799	10.886	ug/l	100
64) m/p-Xylenes	9.38	106	226801	22.648	ug/l	99
65) o-Xylene	9.78	106	105992	11.150	ug/l	99
66) Styrene	9.79	104	191525	11.479	ug/l	99
67) Bromoform	9.96	173	30875	10.822	ug/l	98
69) Isopropylbenzene	10.17	105	279856	11.164	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	67227	10.302	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	51889m	10.305	ug/l	
72) Bromobenzene	10.45	156	63372	10.478	ug/l	98
73) n-propylbenzene	10.59	120	77938	11.546	ug/l	99
74) 2-Chlorotoluene	10.66	126	67423	10.929	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	254986	11.435	ug/l	100
76) 4-Chlorotoluene	10.77	126	71874	11.354	ug/l	100
77) tert-Butylbenzene	11.10	119	234971	11.160	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	264053	9.698	ug/l	98
79) sec-Butylbenzene	11.32	105	328062	11.357	ug/l	99
80) Nitrobenzene	12.86	77	15518	57.850	ug/l	95
81) p-Isopropyltoluene	11.48	119	273291	9.729	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	136442	10.713	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	136728	10.724	ug/l	99
84) n-Butylbenzene	11.89	91	273900	9.614	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	126529	10.737	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10489	10.613	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	78044	10.448	ug/l	99
88) Hexachlorobutadiene	13.69	225	52395	10.604	ug/l	98
89) Naphthalene	13.75	128	147235	11.175	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	81551	11.039	ug/l	99

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

