

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102318\
 Data File : VU027750.D
 Acq On : 22 Oct 2018 19:33
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

sam

10/24/2018 2:19:03 PM

Quant Time: Oct 23 04:45:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 04:01:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	13613	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5293	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4917	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	54596	9.508	ug/l	100
3) Chloromethane	1.33	50	55973	9.072	ug/l	100
4) Vinyl Chloride	1.40	62	54619	9.473	ug/l	100
5) Bromomethane	1.63	94	27604	9.989	ug/l	100
6) Chloroethane	1.70	64	28835	8.881	ug/l	100
7) Trichlorofluoromethane	1.89	101	66181	9.766	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34534	9.224	ug/l	100
9) 1,1-Dichloroethene	2.29	96	30996	9.274	ug/l	100
10) Iodomethane	2.41	142	46385	10.315	ug/l	100
11) Allyl Chloride	2.59	41	71064	9.057	ug/l	100
12) Acrylonitrile	2.94	53	16698	15.700	ug/l	100
13) Acetone	2.34	43	37658	48.323	ug/l	100
14) Carbon Disulfide	2.48	76	111486	9.199	ug/l	100
15) Methylene Chloride	2.70	84	34728	8.510	ug/l	100
16) trans-1,2-Dichloroethene	2.98	96	34240	9.132	ug/l	100
17) 1,1-Dichloroethane	3.45	63	72948	9.320	ug/l	100
18) 2-Butanone	4.29	43	66369	46.113	ug/l	100
19) Cyclohexane	4.99	56	66532	9.291	ug/l	100
20) Methylcyclohexane	6.41	83	69371	9.915	ug/l	100
21) 2,2-Dichloropropane	4.23	77	63165	9.107	ug/l	100
22) cis-1,2-Dichloroethene	4.23	96	39663	9.319	ug/l	100
23) Diethyl Ether	2.11	59	29095	9.233	ug/l	100
24) tert-Butyl Alcohol	2.86	59	31276m	103.653	ug/l	
25) Methyl tert-Butyl Ether	3.01	73	96451	9.116	ug/l	100
26) Bromochloromethane	4.55	128	16178	9.388	ug/l	100
27) Chloroform	4.68	83	72311	9.365	ug/l	100
28) 1,1,1-Trichloroethane	4.92	97	65611	9.847	ug/l	100
29) 1,1-Dichloropropene	5.14	75	58050	9.889	ug/l	100
30) Carbon Tetrachloride	5.13	117	58038	9.776	ug/l	100
31) Isopropyl Ether	3.58	45	136072	9.254	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	118910	9.165	ug/l	100
33) Tert-Amyl methyl ether	5.59	73	102472	9.403	ug/l	100
34) Propionitrile	4.35	54	17197	44.484	ug/l	100
35) Benzene	5.39	78	160548	9.721	ug/l	100
36) 1,2-Dichloroethane	5.41	62	53030	10.071	ug/l	100
37) Trichloroethene	6.19	130	38840	9.547	ug/l	100
38) 1,2-Dichloropropane	6.44	63	44939	9.646	ug/l	100
39) Methacrylonitrile	4.56	41	18407	9.665	ug/l	100
40) Methyl acrylate	4.43	55	24701	9.558	ug/l	100
41) Tetrahydrofuran	4.66	42	18811	18.388	ug/l	100
42) 1-Chlorobutane	5.07	56	90040	9.801	ug/l	100

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43) Dibromomethane	6.56	93	20882	10.061	ug/l	100
44) Bromodichloromethane	6.76	83	55409	9.939	ug/l	100
45) 4-Methyl-2-Pentanone	7.47	43	165657	47.167	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	24745m	19.056	ug/l	
47) Methyl methacrylate	6.63	69	44888	19.557	ug/l	100
48) Ethyl methacrylate	8.02	69	46455	9.455	ug/l	100
49) Toluene	7.64	92	96544	9.660	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	56758	10.021	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	66327	9.872	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	28002	9.543	ug/l	100
53) 1,3-Dichloropropane	8.24	76	53284	9.826	ug/l	100
54) 2-Hexanone	8.37	43	118185	45.677	ug/l	100
55) Dibromochloromethane	8.48	129	35347	9.896	ug/l	100
56) 1,2-Dibromoethane	8.59	107	27280	9.848	ug/l	100
58) Tetrachloroethene	8.23	164	36547	9.928	ug/l	100
59) Chlorobenzene	9.12	112	102286	9.765	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	37576	9.894	ug/l	100
61) Pentachloroethane	11.10	117	29485	10.032	ug/l	100
62) Hexachloroethane	12.15	117	32199	10.167	ug/l	100
63) Ethyl Benzene	9.25	91	196042	10.124	ug/l	100
64) m/p-Xylenes	9.38	106	140514	19.846	ug/l	100
65) o-Xylene	9.78	106	69101	9.777	ug/l	100
66) Styrene	9.79	104	116690	9.977	ug/l	100
67) Bromoform	9.96	173	21081	10.175	ug/l	100
69) Isopropylbenzene	10.17	105	188435	9.960	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	36856	9.678	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	28536m	9.646	ug/l	
72) Bromobenzene	10.45	156	43670	10.328	ug/l	100
73) n-propylbenzene	10.59	120	50553	10.426	ug/l	100
74) 2-Chlorotoluene	10.66	126	42597	9.842	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	159216	10.087	ug/l	100
76) 4-Chlorotoluene	10.77	126	42859	10.282	ug/l	100
77) tert-Butylbenzene	11.10	119	154509	9.871	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	164584	10.114	ug/l	100
79) sec-Butylbenzene	11.32	105	207112	10.337	ug/l	100
80) Nitrobenzene	12.86	77	8250	46.621	ug/l	100
81) p-Isopropyltoluene	11.48	119	171605	10.508	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	84620	10.410	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	82296	10.252	ug/l	100
84) n-Butylbenzene	11.89	91	172096	11.166	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	79462	10.255	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	7229	10.733	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	62020	10.915	ug/l	100
88) Hexachlorobutadiene	13.69	225	34980	10.339	ug/l	100
89) Naphthalene	13.74	128	113374	10.095	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	55840	10.637	ug/l	100

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

