

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102318\
 Data File : VU027754.D
 Acq On : 23 Oct 2018 08:16
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 24 05:19:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	10.000	9.688	3.1	98	0.00
3 t	Chloromethane	10.000	9.420	5.8	99	0.00
4 Rt	Vinyl Chloride	10.000	9.629	3.7	97	0.00
5 T	Bromomethane	10.000	9.540	4.6	100	0.00
6 T	Chloroethane	10.000	9.538	4.6	99	0.00
7 T	Trichlorofluoromethane	10.000	9.613	3.9	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.662	3.4	99	0.00
9 Rt	1,1-Dichloroethene	10.000	9.793	2.1	98	0.00
10 t	Iodomethane	10.000	10.743	-7.4	97	0.00
11 t	Allyl Chloride	10.000	9.766	2.3	101	0.00
12 t	Acrylonitrile	20.000	18.069	9.7	102	0.00
13 T	Acetone	50.000	45.958	8.1	105	0.00
14 T	Carbon Disulfide	10.000	9.720	2.8	101	0.00
15 RT	Methylene Chloride	10.000	8.959	10.4	101	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.898	1.0	100	0.00
17 t	1,1-Dichloroethane	10.000	9.442	5.6	99	0.00
18 T	2-Butanone	50.000	46.939	6.1	101	0.00
19	Cyclohexane	10.000	11.073	-10.7	114	0.00
20	Methylcyclohexane	10.000	10.068	-0.7	101	0.00
21 T	2,2-Dichloropropane	10.000	9.985	0.2	106	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.564	4.4	100	0.00
23 t	Diethyl Ether	10.000	10.050	-0.5	102	0.00
24 t	tert-Butyl Alcohol	100.000	100.948	-0.9	102	0.00
25 t	Methyl tert-Butyl Ether	10.000	9.926	0.7	102	0.00
26 t	Bromochloromethane	10.000	9.827	1.7	101	0.00
27 t	Chloroform	10.000	9.803	2.0	101	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.937	0.6	100	0.00
29 T	1,1-Dichloropropene	10.000	10.107	-1.1	101	0.00
30 RT	Carbon Tetrachloride	10.000	9.796	2.0	100	0.00
31 t	Isopropyl Ether	10.000	9.647	3.5	97	0.00
32	Ethyl-t-butyl ether	10.000	9.654	3.5	99	0.00
33	Tert-Amyl methyl ether	10.000	9.854	1.5	99	0.00
34 t	Propionitrile	50.000	51.734	-3.5	103	0.00
35 RT	Benzene	10.000	9.835	1.6	99	0.00
36 RT	1,2-Dichloroethane	10.000	9.844	1.6	100	0.00
37 RT	Trichloroethene	10.000	9.875	1.3	101	0.00
38 Rt	1,2-Dichloropropane	10.000	9.740	2.6	98	0.00
39 t	Methacrylonitrile	10.000	10.035	-0.4	103	0.00
40 t	Methyl acrylate	10.000	10.209	-2.1	102	0.00
41 t	Tetrahydrofuran	20.000	17.596	12.0	98	0.00
42 t	1-Chlorobutane	10.000	9.749	2.5	99	0.00
43 T	Dibromomethane	10.000	10.191	-1.9	101	0.00
44 T	Bromodichloromethane	10.000	10.153	-1.5	102	0.00
45 T	4-Methyl-2-Pentanone	50.000	50.503	-1.0	102	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	21.945	-9.7	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	20.000	20.389	-1.9	99	0.00
48 t	Ethyl methacrylate	10.000	10.337	-3.4	100	0.00
49 Rt	Toluene	10.000	10.256	-2.6	102	0.00
50 T	t-1,3-Dichloropropene	10.000	10.340	-3.4	102	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.437	-4.4	103	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.191	-1.9	101	0.00
53 t	1,3-Dichloropropane	10.000	10.023	-0.2	101	0.00
54 t	2-Hexanone	50.000	51.076	-2.2	103	0.00
55 t	Dibromochloromethane	10.000	10.440	-4.4	103	0.00
56 T	1,2-Dibromoethane	10.000	10.132	-1.3	101	0.00
57 S	4-Bromofluorobenzene	1.000	1.077	-7.7	107	0.00
58 RT	Tetrachloroethene	10.000	9.727	2.7	100	0.00
59 Rt	Chlorobenzene	10.000	10.012	-0.1	100	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.046	-0.5	100	0.00
61 t	Pentachloroethane	10.000	10.426	-4.3	98	0.00
62 t	Hexachloroethane	10.000	10.621	-6.2	101	0.00
63 Rt	Ethyl Benzene	10.000	10.152	-1.5	101	0.00
64 RT	m/p-Xylenes	20.000	20.481	-2.4	101	0.00
65 RT	o-Xylene	10.000	9.804	2.0	98	0.00
66 RT	Styrene	10.000	10.343	-3.4	101	0.00
67 t	Bromoform	10.000	10.972	-9.7	105	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.030	-3.0	104	0.00
69 T	Isopropylbenzene	10.000	9.965	0.4	100	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.997	0.0	100	0.00
71 T	1,2,3-Trichloropropane	10.000	8.599	14.0	87	0.00
72 t	Bromobenzene	10.000	10.166	-1.7	98	0.00
73 t	n-propylbenzene	10.000	10.340	-3.4	99	0.00
74 t	2-Chlorotoluene	10.000	10.147	-1.5	99	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.173	-1.7	100	0.00
76 t	4-Chlorotoluene	10.000	10.413	-4.1	102	0.00
77 t	tert-Butylbenzene	10.000	10.018	-0.2	100	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.209	-2.1	100	0.00
79 t	sec-Butylbenzene	10.000	10.310	-3.1	102	0.00
80	Nitrobenzene	50.000	71.656	-43.3#	119	0.00
81 t	p-Isopropyltoluene	10.000	10.415	-4.1	101	0.00
82 t	1,3-Dichlorobenzene	10.000	10.394	-3.9	102	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.185	-1.9	103	0.00
84 t	n-Butylbenzene	10.000	10.983	-9.8	104	0.00
85 Rt	1,2-Dichlorobenzene	10.000	9.933	0.7	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	10.308	-3.1	98	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	10.796	-8.0	100	0.00
88 t	Hexachlorobutadiene	10.000	10.282	-2.8	101	0.00
89 t	Naphthalene	10.000	10.589	-5.9	101	0.00
90 t	1,2,3-Trichlorobenzene	10.000	10.350	-3.5	101	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range	SPCC's out = 0 CCC's out = 0				