

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072518\
 Data File : VU025640.D
 Acq On : 25 Jul 2018 19:05
 Operator : MD/SY
 Sample : VSTDCCC010EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 26 05:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 12:16:36 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	98	0.00
2 T	Dichlorodifluoromethane	10.000	9.588	4.1	94	0.00
3 t	Chloromethane	10.000	8.877	11.2	87	0.00
4 Rt	Vinyl Chloride	10.000	9.554	4.5	93	0.00
5 T	Bromomethane	10.000	8.920	10.8	92	0.00
6 T	Chloroethane	10.000	9.530	4.7	96	0.00
7 T	Trichlorofluoromethane	10.000	9.703	3.0	95	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.838	1.6	97	0.00
9 Rt	1,1-Dichloroethene	10.000	9.464	5.4	94	0.00
10 t	Iodomethane	10.000	8.418	15.8	86	0.00
11 t	Allyl Chloride	10.000	9.550	4.5	92	0.00
12 t	Acrylonitrile	20.000	18.680	6.6	96	0.00
13 T	Acetone	50.000	46.554	6.9	96	0.00
14 T	Carbon Disulfide	10.000	9.374	6.3	93	0.00
15 RT	Methylene Chloride	10.000	8.821	11.8	92	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.632	3.7	96	0.00
17 t	1,1-Dichloroethane	10.000	9.623	3.8	92	0.00
18 T	2-Butanone	50.000	47.915	4.2	91	0.00
19	Cyclohexane	10.000	10.163	-1.6	95	0.00
20	Methylcyclohexane	10.000	9.956	0.4	94	0.00
21 T	2,2-Dichloropropane	10.000	9.527	4.7	97	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.705	2.9	96	0.00
23 t	Diethyl Ether	10.000	9.799	2.0	95	0.00
24 t	tert-Butyl Alcohol	100.000	94.565	5.4	101	0.01
25 t	Methyl tert-Butyl Ether	10.000	9.581	4.2	96	0.00
26 t	Bromochloromethane	10.000	9.454	5.5	95	0.00
27 t	Chloroform	10.000	9.670	3.3	96	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.775	2.2	96	0.00
29 T	1,1-Dichloropropene	10.000	9.839	1.6	93	0.00
30 RT	Carbon Tetrachloride	10.000	9.861	1.4	94	0.00
31 t	Isopropyl Ether	10.000	9.730	2.7	95	0.00
32	Ethyl-t-butyl ether	10.000	9.783	2.2	95	0.00
33	Tert-Amyl methyl ether	10.000	9.868	1.3	95	0.00
34 t	Propionitrile	50.000	50.439	-0.9	99	0.00
35 RT	Benzene	10.000	9.840	1.6	95	0.00
36 RT	1,2-Dichloroethane	10.000	9.996	0.0	96	0.00
37 RT	Trichloroethene	10.000	9.541	4.6	95	0.00
38 Rt	1,2-Dichloropropane	10.000	9.826	1.7	94	0.00
39 t	Methacrylonitrile	10.000	9.789	2.1	94	0.00
40 t	Methyl acrylate	10.000	9.987	0.1	96	0.00
41 t	Tetrahydrofuran	20.000	15.982	20.1	88	0.00
42 t	1-Chlorobutane	10.000	9.952	0.5	95	0.00
43 T	Dibromomethane	10.000	9.937	0.6	94	0.00
44 T	Bromodichloromethane	10.000	10.007	-0.1	96	0.00
45 T	4-Methyl-2-Pentanone	50.000	50.459	-0.9	95	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	16.592	17.0	88	0.00

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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	20.000	20.441	-2.2	95	0.00
48 t	Ethyl methacrylate	10.000	10.052	-0.5	92	0.00
49 Rt	Toluene	10.000	10.185	-1.9	95	0.00
50 T	t-1,3-Dichloropropene	10.000	10.023	-0.2	95	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.912	0.9	93	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.112	-1.1	97	0.00
53 t	1,3-Dichloropropane	10.000	10.182	-1.8	96	0.00
54 t	2-Hexanone	50.000	51.002	-2.0	95	0.00
55 t	Dibromochloromethane	10.000	10.058	-0.6	95	0.00
56 T	1,2-Dibromoethane	10.000	9.892	1.1	94	0.00
57 S	4-Bromofluorobenzene	1.000	1.004	-0.4	93	0.00
58 RT	Tetrachloroethene	10.000	10.177	-1.8	97	0.00
59 Rt	Chlorobenzene	10.000	9.876	1.2	94	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.076	-0.8	96	0.00
61 t	Pentachloroethane	10.000	10.209	-2.1	94	0.00
62 t	Hexachloroethane	10.000	10.189	-1.9	93	0.00
63 Rt	Ethyl Benzene	10.000	10.268	-2.7	95	0.00
64 RT	m/p-Xylenes	20.000	20.921	-4.6	95	0.00
65 RT	o-Xylene	10.000	10.366	-3.7	95	0.00
66 RT	Styrene	10.000	10.276	-2.8	93	0.00
67 t	Bromoform	10.000	9.760	2.4	94	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.001	-0.1	95	0.00
69 T	Isopropylbenzene	10.000	10.398	-4.0	96	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.879	1.2	94	0.00
71 T	1,2,3-Trichloropropane	10.000	8.000	20.0	75	0.00
72 t	Bromobenzene	10.000	10.040	-0.4	95	0.00
73 t	n-propylbenzene	10.000	10.674	-6.7	95	0.00
74 t	2-Chlorotoluene	10.000	10.200	-2.0	92	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.452	-4.5	93	0.00
76 t	4-Chlorotoluene	10.000	10.199	-2.0	92	0.00
77 t	tert-Butylbenzene	10.000	10.321	-3.2	94	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.640	-6.4	95	0.00
79 t	sec-Butylbenzene	10.000	10.535	-5.4	95	0.00
80	Nitrobenzene	50.000	50.546	-1.1	84	0.00
81 t	p-Isopropyltoluene	10.000	10.795	-7.9	95	0.00
82 t	1,3-Dichlorobenzene	10.000	10.071	-0.7	95	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.335	-3.4	94	0.00
84 t	n-Butylbenzene	10.000	10.817	-8.2	96	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.226	-2.3	95	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	10.666	-6.7	96	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	10.967	-9.7	96	0.00
88 t	Hexachlorobutadiene	10.000	10.261	-2.6	95	0.00
89 t	Naphthalene	10.000	10.979	-9.8	94	0.00
90 t	1,2,3-Trichlorobenzene	10.000	10.797	-8.0	96	0.00

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

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