

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090920\
 Data File : VU040069.D
 Acq On : 09 Sep 2020 18:42
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 10 04:43:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
 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	99	0.00
2 T	Dichlorodifluoromethane	10.000	10.062	-0.6	101	0.00
3 t	Chloromethane	10.000	9.656	3.4	100	0.00
4 Rt	Vinyl Chloride	10.000	10.040	-0.4	105	0.00
5 T	Bromomethane	10.000	9.744	2.6	96	0.00
6 T	Chloroethane	10.000	9.070	9.3	98	0.00
7 T	Trichlorofluoromethane	10.000	10.307	-3.1	103	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.847	1.5	100	0.00
9 Rt	1,1-Dichloroethene	10.000	9.810	1.9	99	0.00
10 t	Iodomethane	10.000	10.265	-2.7	104	0.00
11 t	Allyl Chloride	10.000	9.863	1.4	102	0.00
12 t	Acrylonitrile	20.000	21.703	-8.5	112	0.00
13 T	Acetone	50.000	50.008	-0.0	102	0.00
14 T	Carbon Disulfide	10.000	9.864	1.4	100	0.00
15 RT	Methylene Chloride	10.000	10.149	-1.5	99	0.00
16 RT	trans-1,2-Dichloroethene	10.000	10.402	-4.0	103	0.00
17 t	1,1-Dichloroethane	10.000	9.863	1.4	103	0.00
18 T	2-Butanone	50.000	53.133	-6.3	110	0.02
19	Cyclohexane	10.000	10.131	-1.3	105	0.00
20	Methylcyclohexane	10.000	10.500	-5.0	99	0.00
21 T	2,2-Dichloropropane	10.000	9.462	5.4	102	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.910	0.9	101	0.00
23 t	Diethyl Ether	10.000	10.257	-2.6	106	0.00
24 t	tert-Butyl Alcohol	100.000	94.798	5.2	103	0.04
25 t	Methyl tert-Butyl Ether	10.000	10.103	-1.0	102	0.00
26 t	Bromochloromethane	10.000	10.077	-0.8	103	0.00
27 t	Chloroform	10.000	10.198	-2.0	106	0.00
28 RT	1,1,1-Trichloroethane	10.000	10.003	-0.0	101	0.00
29 T	1,1-Dichloropropene	10.000	10.094	-0.9	102	0.00
30 RT	Carbon Tetrachloride	10.000	10.093	-0.9	101	0.00
31 t	Isopropyl Ether	10.000	10.097	-1.0	103	0.00
32	Ethyl-t-butyl ether	10.000	10.152	-1.5	102	0.00
33	Tert-Amyl methyl ether	10.000	10.388	-3.9	102	0.00
34 t	Propionitrile	50.000	55.600	-11.2	113	0.01
35 RT	Benzene	10.000	10.363	-3.6	102	0.00
36 RT	1,2-Dichloroethane	10.000	10.283	-2.8	103	0.00
37 RT	Trichloroethene	10.000	9.868	1.3	98	0.00
38 Rt	1,2-Dichloropropane	10.000	10.348	-3.5	103	0.00
39 t	Methacrylonitrile	10.000	9.517	4.8	105	0.00
40 t	Methyl acrylate	10.000	10.679	-6.8	111	0.00
41 t	Tetrahydrofuran	20.000	19.919	0.4	113	0.00
42 t	1-Chlorobutane	10.000	10.202	-2.0	102	0.00
43 T	Dibromomethane	10.000	10.107	-1.1	104	0.00
44 T	Bromodichloromethane	10.000	10.104	-1.0	103	0.00
45 T	4-Methyl-2-Pentanone	50.000	55.702	-11.4	107	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	25.613	-28.1	121	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	22.162	-10.8	104	0.00
48 t	Ethyl methacrylate	10.000	11.274	-12.7	104	0.00
49 Rt	Toluene	10.000	10.895	-8.9	106	0.00
50 T	t-1,3-Dichloropropene	10.000	10.952	-9.5	105	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.332	-3.3	100	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.287	-2.9	103	0.00
53 t	1,3-Dichloropropane	10.000	10.532	-5.3	104	0.00
54 t	2-Hexanone	50.000	54.827	-9.7	105	0.00
55 t	Dibromochloromethane	10.000	10.709	-7.1	105	0.00
56 T	1,2-Dibromoethane	10.000	10.688	-6.9	107	0.00
57 S	4-Bromofluorobenzene	1.000	0.940	6.0	89	0.00
58 RT	Tetrachloroethene	10.000	10.042	-0.4	100	0.00
59 Rt	Chlorobenzene	10.000	10.460	-4.6	102	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.398	-4.0	101	0.00
61 t	Pentachloroethane	10.000	10.131	-1.3	103	0.00
62 t	Hexachloroethane	10.000	10.408	-4.1	103	0.00
63 Rt	Ethyl Benzene	10.000	11.028	-10.3	101	0.00
64 RT	m/p-Xylenes	20.000	22.765	-13.8	102	0.00
65 RT	o-Xylene	10.000	11.022	-10.2	101	0.00
66 RT	Styrene	10.000	11.362	-13.6	100	0.00
67 t	Bromoform	10.000	11.199	-12.0	107	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.974	2.6	96	0.00
69 T	Isopropylbenzene	10.000	11.032	-10.3	101	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	10.269	-2.7	102	0.00
71 T	1,2,3-Trichloropropane	10.000	10.379	-3.8	103	0.00
72 t	Bromobenzene	10.000	10.442	-4.4	102	0.00
73 t	n-propylbenzene	10.000	10.905	-9.0	99	0.00
74 t	2-Chlorotoluene	10.000	10.832	-8.3	102	0.00
75 t	1,3,5-Trimethylbenzene	10.000	11.279	-12.8	100	0.00
76 t	4-Chlorotoluene	10.000	10.666	-6.7	100	0.00
77 t	tert-Butylbenzene	10.000	11.072	-10.7	102	0.00
78 t	1,2,4-Trimethylbenzene	10.000	11.224	-12.2	103	0.00
79 t	sec-Butylbenzene	10.000	10.897	-9.0	99	0.00
80	Nitrobenzene	50.000	54.871	-9.7	99	0.00
81 t	p-Isopropyltoluene	10.000	11.312	-13.1	101	0.00
82 t	1,3-Dichlorobenzene	10.000	10.336	-3.4	102	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.383	-3.8	101	0.00
84 t	n-Butylbenzene	10.000	11.552	-15.5	102	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.279	-2.8	100	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	10.524	-5.2	98	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	11.116	-11.2	101	0.00
88 t	Hexachlorobutadiene	10.000	10.619	-6.2	100	0.00
89 t	Naphthalene	10.000	9.768	2.3	99	0.00
90 t	1,2,3-Trichlorobenzene	10.000	11.021	-10.2	100	0.00

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

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