

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102320\
 Data File : VU040932.D
 Acq On : 23 Oct 2020 13:01
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 24 06:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 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	100	0.00
2 T	Dichlorodifluoromethane	10.000	9.527	4.7	103	0.00
3 t	Chloromethane	10.000	9.387	6.1	101	0.00
4 Rt	Vinyl Chloride	10.000	9.700	3.0	101	0.00
5 T	Bromomethane	10.000	9.112	8.9	109	0.00
6 T	Chloroethane	10.000	9.095	9.0	98	0.00
7 T	Trichlorofluoromethane	10.000	9.647	3.5	100	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.742	2.6	101	0.00
9 Rt	1,1-Dichloroethene	10.000	9.862	1.4	101	0.00
10 t	Iodomethane	10.000	10.438	-4.4	104	0.00
11 t	Allyl Chloride	10.000	9.793	2.1	102	0.00
12 t	Acrylonitrile	20.000	19.285	3.6	99	0.00
13 T	Acetone	50.000	58.742	-17.5	128	0.02
14 T	Carbon Disulfide	10.000	9.772	2.3	100	0.00
15 RT	Methylene Chloride	10.000	10.602	-6.0	120	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.711	2.9	101	0.00
17 t	1,1-Dichloroethane	10.000	9.582	4.2	100	0.00
18 T	2-Butanone	50.000	53.650	-7.3	110	0.01
19	Cyclohexane	10.000	9.518	4.8	98	0.00
20	Methylcyclohexane	10.000	10.774	-7.7	98	0.00
21 T	2,2-Dichloropropane	10.000	9.883	1.2	107	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.482	5.2	102	0.00
23 t	Diethyl Ether	10.000	9.647	3.5	99	0.00
24 t	tert-Butyl Alcohol	100.000	82.165	17.8	81	0.05
25 t	Methyl tert-Butyl Ether	10.000	9.612	3.9	99	0.00
26 t	Bromochloromethane	10.000	9.760	2.4	102	0.00
27 t	Chloroform	10.000	9.623	3.8	101	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.614	3.9	101	0.00
29 T	1,1-Dichloropropene	10.000	9.687	3.1	99	0.00
30 RT	Carbon Tetrachloride	10.000	9.675	3.2	102	0.00
31 t	Isopropyl Ether	10.000	9.722	2.8	101	0.00
32	Ethyl-t-butyl ether	10.000	9.640	3.6	99	0.00
33	Tert-Amyl methyl ether	10.000	10.381	-3.8	99	0.00
34 t	Propionitrile	50.000	49.823	0.4	105	0.02
35 RT	Benzene	10.000	9.909	0.9	100	0.00
36 RT	1,2-Dichloroethane	10.000	9.744	2.6	102	0.00
37 RT	Trichloroethene	10.000	9.803	2.0	100	0.00
38 Rt	1,2-Dichloropropane	10.000	10.044	-0.4	101	0.00
39 t	Methacrylonitrile	10.000	9.429	5.7	98	0.00
40 t	Methyl acrylate	10.000	10.069	-0.7	102	0.00
41 t	Tetrahydrofuran	20.000	18.613	6.9	100	0.00
42 t	1-Chlorobutane	10.000	9.901	1.0	101	0.00
43 T	Dibromomethane	10.000	9.733	2.7	102	0.00
44 T	Bromodichloromethane	10.000	9.953	0.5	102	0.00
45 T	4-Methyl-2-Pentanone	50.000	55.206	-10.4	100	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	18.056	9.7	89	0.00

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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)
47 t	Methyl methacrylate	20.000	21.831	-9.2	97	0.00
48 t	Ethyl methacrylate	10.000	10.837	-8.4	97	0.00
49 Rt	Toluene	10.000	10.752	-7.5	98	0.00
50 T	t-1,3-Dichloropropene	10.000	10.515	-5.2	101	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.280	-2.8	99	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.944	0.6	100	0.00
53 t	1,3-Dichloropropane	10.000	10.105	-1.1	100	0.00
54 t	2-Hexanone	50.000	58.532	-17.1	107	0.00
55 t	Dibromochloromethane	10.000	9.780	2.2	101	0.00
56 T	1,2-Dibromoethane	10.000	10.058	-0.6	100	0.00
57 S	4-Bromofluorobenzene	1.000	1.066	-6.6	102	0.00
58 RT	Tetrachloroethene	10.000	10.007	-0.1	103	0.00
59 Rt	Chlorobenzene	10.000	10.412	-4.1	100	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.140	-1.4	103	0.00
61 t	Pentachloroethane	10.000	9.811	1.9	102	0.00
62 t	Hexachloroethane	10.000	10.523	-5.2	103	0.00
63 Rt	Ethyl Benzene	10.000	11.306	-13.1	99	0.00
64 RT	m/p-Xylenes	20.000	20.671	-3.4	102	0.00
65 RT	o-Xylene	10.000	11.604	-16.0	100	0.00
66 RT	Styrene	10.000	10.358	-3.6	102	0.00
67 t	Bromoform	10.000	10.057	-0.6	100	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.046	-4.6	105	0.00
69 T	Isopropylbenzene	10.000	11.449	-14.5	100	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	10.105	-1.1	101	0.00
71 T	1,2,3-Trichloropropane	10.000	9.888	1.1	90	0.00
72 t	Bromobenzene	10.000	10.628	-6.3	100	0.00
73 t	n-propylbenzene	10.000	10.254	-2.5	101	0.00
74 t	2-Chlorotoluene	10.000	11.140	-11.4	102	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.357	-3.6	103	0.00
76 t	4-Chlorotoluene	10.000	11.712	-17.1	103	0.00
77 t	tert-Butylbenzene	10.000	11.322	-13.2	101	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.392	-3.9	104	0.00
79 t	sec-Butylbenzene	10.000	11.757	-17.6	103	0.00
80	Nitrobenzene	50.000	55.948	-11.9	104	0.00
81 t	p-Isopropyltoluene	10.000	10.438	-4.4	104	0.00
82 t	1,3-Dichlorobenzene	10.000	10.566	-5.7	103	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.583	-5.8	105	0.00
84 t	n-Butylbenzene	10.000	12.277	-22.8	106	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.806	-8.1	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.958	0.4	102	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	10.775	-7.8	99	0.00
88 t	Hexachlorobutadiene	10.000	10.833	-8.3	106	0.00
89 t	Naphthalene	10.000	9.229	7.7	98	0.00
90 t	1,2,3-Trichlorobenzene	10.000	11.637	-16.4	102	0.00

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

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