

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103019\
 Data File : VU035554.D
 Acq On : 30 Oct 2019 11:55
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 31 01:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 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	94	0.00
2 T	Dichlorodifluoromethane	10.000	9.490	5.1	96	0.00
3 t	Chloromethane	10.000	9.193	8.1	99	0.00
4 Rt	Vinyl Chloride	10.000	9.449	5.5	93	0.00
5 T	Bromomethane	10.000	9.002	10.0	92	0.00
6 T	Chloroethane	10.000	9.638	3.6	97	0.00
7 T	Trichlorofluoromethane	10.000	9.697	3.0	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.494	5.1	98	0.00
9 Rt	1,1-Dichloroethene	10.000	9.436	5.6	97	0.00
10 t	Iodomethane	10.000	9.029	9.7	82	0.00
11 t	Allyl Chloride	10.000	9.477	5.2	96	0.00
12 t	Acrylonitrile	20.000	19.319	3.4	100	0.00
13 T	Acetone	51.000	43.668	14.4	97	0.00
14 T	Carbon Disulfide	10.000	9.250	7.5	95	0.00
15 RT	Methylene Chloride	10.000	8.894	11.1	99	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.484	5.2	99	0.00
17 t	1,1-Dichloroethane	10.000	9.654	3.5	98	0.00
18 T	2-Butanone	50.000	47.158	5.7	95	0.00
19	Cyclohexane	10.000	9.918	0.8	93	0.00
20	Methylcyclohexane	10.000	9.951	0.5	93	0.00
21 T	2,2-Dichloropropane	10.000	9.429	5.7	99	0.00
22 RT	cis-1,2-Dichloroethene	10.000	10.051	-0.5	97	0.00
23 t	Diethyl Ether	10.000	9.713	2.9	98	0.00
24 t	tert-Butyl Alcohol	100.000	91.106	8.9	95	0.00
25 t	Methyl tert-Butyl Ether	10.000	9.609	3.9	98	0.00
26 t	Bromochloromethane	10.000	9.540	4.6	99	0.00
27 t	Chloroform	10.000	9.093	9.1	99	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.534	4.7	98	0.00
29 T	1,1-Dichloropropene	10.000	9.984	0.2	97	0.00
30 RT	Carbon Tetrachloride	10.000	9.668	3.3	98	0.00
31 t	Isopropyl Ether	10.000	9.854	1.5	95	0.00
32	Ethyl-t-butyl ether	10.000	9.992	0.1	94	0.00
33	Tert-Amyl methyl ether	10.000	10.472	-4.7	96	0.00
34 t	Propionitrile	50.000	47.348	5.3	95	0.00
35 RT	Benzene	10.000	9.836	1.6	98	0.00
36 RT	1,2-Dichloroethane	10.000	9.677	3.2	100	0.00
37 RT	Trichloroethene	10.000	9.487	5.1	95	0.00
38 Rt	1,2-Dichloropropane	10.000	9.630	3.7	98	0.00
39 t	Methacrylonitrile	10.000	9.771	2.3	92	0.00
40 t	Methyl acrylate	10.000	10.481	-4.8	93	0.00
41 t	Tetrahydrofuran	20.000	19.597	2.0	93	0.00
42 t	1-Chlorobutane	10.000	9.981	0.2	95	0.00
43 T	Dibromomethane	10.000	9.731	2.7	98	0.00
44 T	Bromodichloromethane	10.000	9.704	3.0	99	0.00
45 T	4-Methyl-2-Pentanone	50.000	50.786	-1.6	94	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	24.388	-21.9	102	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	21.521	-7.6	100	0.00
48 t	Ethyl methacrylate	10.000	10.770	-7.7	93	0.00
49 Rt	Toluene	10.000	10.536	-5.4	98	0.00
50 T	t-1,3-Dichloropropene	10.000	10.191	-1.9	95	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.171	-1.7	97	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.691	3.1	100	0.00
53 t	1,3-Dichloropropane	10.000	10.111	-1.1	100	0.00
54 t	2-Hexanone	50.000	50.683	-1.4	93	0.00
55 t	Dibromochloromethane	10.000	10.071	-0.7	99	0.00
56 T	1,2-Dibromoethane	10.000	10.255	-2.6	99	0.00
57 S	4-Bromofluorobenzene	1.000	1.089	-8.9	99	0.00
58 RT	Tetrachloroethene	10.000	9.879	1.2	99	0.00
59 Rt	Chlorobenzene	10.000	10.226	-2.3	97	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.840	1.6	99	0.00
61 t	Pentachloroethane	10.000	9.758	2.4	100	0.00
62 t	Hexachloroethane	10.000	9.993	0.1	99	0.00
63 Rt	Ethyl Benzene	10.000	10.981	-9.8	96	0.00
64 RT	m/p-Xylenes	20.000	22.553	-12.8	98	0.00
65 RT	o-Xylene	10.000	10.929	-9.3	97	0.00
66 RT	Styrene	10.000	11.571	-15.7	97	0.00
67 t	Bromoform	10.000	10.111	-1.1	98	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.063	-6.3	98	0.00
69 T	Isopropylbenzene	10.000	10.942	-9.4	96	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.767	2.3	99	0.00
71 T	1,2,3-Trichloropropane	10.000	9.222	7.8	93	0.00
72 t	Bromobenzene	10.000	10.430	-4.3	98	0.00
73 t	n-propylbenzene	10.000	11.489	-14.9	98	0.00
74 t	2-Chlorotoluene	10.000	10.793	-7.9	98	0.00
75 t	1,3,5-Trimethylbenzene	10.000	11.382	-13.8	97	0.00
76 t	4-Chlorotoluene	10.000	11.066	-10.7	97	0.00
77 t	tert-Butylbenzene	10.000	10.914	-9.1	96	0.00
78 t	1,2,4-Trimethylbenzene	10.000	11.346	-13.5	96	0.00
79 t	sec-Butylbenzene	10.000	11.056	-10.6	95	0.00
80	Nitrobenzene	50.000	25.969	48.1#	84	0.00
81 t	p-Isopropyltoluene	10.000	11.394	-13.9	95	0.00
82 t	1,3-Dichlorobenzene	10.000	10.446	-4.5	97	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.856	-8.6	97	0.00
84 t	n-Butylbenzene	10.000	11.416	-14.2	91	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.381	-3.8	97	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	10.459	-4.6	97	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	9.225	7.8	86	0.00
88 t	Hexachlorobutadiene	10.000	9.469	5.3	94	0.00
89 t	Naphthalene	10.000	8.907	10.9	75	0.00
90 t	1,2,3-Trichlorobenzene	10.000	9.476	5.2	86	0.00

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

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