

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103019\
 Data File : VU035549.D
 Acq On : 30 Oct 2019 08:17
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 31 01:17:12 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	97	0.00
2 T	Dichlorodifluoromethane	10.000	9.338	6.6	97	0.00
3 t	Chloromethane	10.000	8.221	17.8	90	0.00
4 Rt	Vinyl Chloride	10.000	9.441	5.6	96	0.00
5 T	Bromomethane	10.000	9.881	1.2	103	0.00
6 T	Chloroethane	10.000	9.331	6.7	96	0.00
7 T	Trichlorofluoromethane	10.000	9.556	4.4	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.514	4.9	101	0.00
9 Rt	1,1-Dichloroethene	10.000	9.317	6.8	98	0.00
10 t	Iodomethane	10.000	10.653	-6.5	100	0.00
11 t	Allyl Chloride	10.000	9.481	5.2	99	0.00
12 t	Acrylonitrile	20.000	19.141	4.3	102	0.00
13 T	Acetone	51.000	48.104	5.7	110	0.00
14 T	Carbon Disulfide	10.000	9.258	7.4	97	0.00
15 RT	Methylene Chloride	10.000	8.686	13.1	99	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.319	6.8	99	0.00
17 t	1,1-Dichloroethane	10.000	9.554	4.5	100	0.00
18 T	2-Butanone	50.000	49.865	0.3	103	0.00
19	Cyclohexane	10.000	10.080	-0.8	97	0.00
20	Methylcyclohexane	10.000	10.240	-2.4	98	0.00
21 T	2,2-Dichloropropane	10.000	9.472	5.3	102	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.791	2.1	97	0.00
23 t	Diethyl Ether	10.000	9.685	3.1	100	0.00
24 t	tert-Butyl Alcohol	100.000	91.373	8.6	98	0.00
25 t	Methyl tert-Butyl Ether	10.000	9.643	3.6	101	0.00
26 t	Bromochloromethane	10.000	9.570	4.3	101	0.00
27 t	Chloroform	10.000	8.933	10.7	100	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.431	5.7	99	0.00
29 T	1,1-Dichloropropene	10.000	10.173	-1.7	101	0.00
30 RT	Carbon Tetrachloride	10.000	9.617	3.8	100	0.00
31 t	Isopropyl Ether	10.000	10.010	-0.1	98	0.00
32	Ethyl-t-butyl ether	10.000	10.255	-2.6	99	0.00
33	Tert-Amyl methyl ether	10.000	10.475	-4.7	99	0.00
34 t	Propionitrile	50.000	48.564	2.9	100	0.00
35 RT	Benzene	10.000	9.741	2.6	99	0.00
36 RT	1,2-Dichloroethane	10.000	9.491	5.1	101	0.00
37 RT	Trichloroethene	10.000	9.586	4.1	99	0.00
38 Rt	1,2-Dichloropropane	10.000	9.615	3.8	100	0.00
39 t	Methacrylonitrile	10.000	9.978	0.2	96	0.00
40 t	Methyl acrylate	10.000	11.067	-10.7	100	0.00
41 t	Tetrahydrofuran	20.000	19.649	1.8	96	0.00
42 t	1-Chlorobutane	10.000	10.113	-1.1	98	0.00
43 T	Dibromomethane	10.000	9.508	4.9	98	0.00
44 T	Bromodichloromethane	10.000	9.454	5.5	99	0.00
45 T	4-Methyl-2-Pentanone	50.000	52.564	-5.1	100	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	23.498	-17.5	101	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	20.865	-4.3	99	0.00
48 t	Ethyl methacrylate	10.000	10.989	-9.9	97	0.00
49 Rt	Toluene	10.000	10.535	-5.4	100	0.00
50 T	t-1,3-Dichloropropene	10.000	10.246	-2.5	98	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.077	-0.8	99	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.632	3.7	102	0.00
53 t	1,3-Dichloropropane	10.000	10.048	-0.5	102	0.00
54 t	2-Hexanone	50.000	54.175	-8.3	102	0.00
55 t	Dibromochloromethane	10.000	9.917	0.8	100	0.00
56 T	1,2-Dibromoethane	10.000	10.246	-2.5	102	0.00
57 S	4-Bromofluorobenzene	1.000	1.208	-20.8	112	0.00
58 RT	Tetrachloroethene	10.000	9.886	1.1	101	0.00
59 Rt	Chlorobenzene	10.000	10.326	-3.3	101	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.737	2.6	101	0.00
61 t	Pentachloroethane	10.000	9.656	3.4	101	0.00
62 t	Hexachloroethane	10.000	9.741	2.6	99	0.00
63 Rt	Ethyl Benzene	10.000	11.034	-10.3	99	0.00
64 RT	m/p-Xylenes	20.000	22.483	-12.4	100	0.00
65 RT	o-Xylene	10.000	11.000	-10.0	100	0.00
66 RT	Styrene	10.000	11.436	-14.4	99	0.00
67 t	Bromoform	10.000	10.194	-1.9	101	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.038	-3.8	98	0.00
69 T	Isopropylbenzene	10.000	10.931	-9.3	98	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.679	3.2	100	0.00
71 T	1,2,3-Trichloropropane	10.000	9.325	6.8	97	0.00
72 t	Bromobenzene	10.000	10.213	-2.1	99	0.00
73 t	n-propylbenzene	10.000	11.396	-14.0	99	0.00
74 t	2-Chlorotoluene	10.000	10.689	-6.9	100	0.00
75 t	1,3,5-Trimethylbenzene	10.000	11.208	-12.1	98	0.00
76 t	4-Chlorotoluene	10.000	10.910	-9.1	98	0.00
77 t	tert-Butylbenzene	10.000	10.888	-8.9	98	0.00
78 t	1,2,4-Trimethylbenzene	10.000	11.229	-12.3	97	0.00
79 t	sec-Butylbenzene	10.000	11.000	-10.0	97	0.00
80	Nitrobenzene	50.000	24.650	50.7#	82	0.00
81 t	p-Isopropyltoluene	10.000	11.329	-13.3	97	0.00
82 t	1,3-Dichlorobenzene	10.000	10.307	-3.1	98	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.599	-6.0	97	0.00
84 t	n-Butylbenzene	10.000	11.321	-13.2	92	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.208	-2.1	97	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	10.241	-2.4	98	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	9.081	9.2	86	0.00
88 t	Hexachlorobutadiene	10.000	8.924	10.8	91	0.00
89 t	Naphthalene	10.000	8.918	10.8	77	0.00
90 t	1,2,3-Trichlorobenzene	10.000	9.288	7.1	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				