

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU020619\
 Data File : VU029355.D
 Acq On : 06 Feb 2019 10:08
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 08 12:16:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 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	93	0.00
2 T	Dichlorodifluoromethane	10.000	9.501	5.0	89	0.00
3 t	Chloromethane	10.000	9.037	9.6	87	0.00
4 Rt	Vinyl Chloride	10.000	9.425	5.7	86	0.00
5 T	Bromomethane	10.000	10.274	-2.7	105	0.00
6 T	Chloroethane	10.000	9.582	4.2	90	0.00
7 T	Trichlorofluoromethane	10.000	10.057	-0.6	92	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	10.339	-3.4	94	0.00
9 Rt	1,1-Dichloroethene	10.000	10.003	-0.0	92	0.00
10 t	Iodomethane	10.000	9.810	1.9	90	0.00
11 t	Allyl Chloride	10.000	9.397	6.0	86	0.00
12 t	Acrylonitrile	20.000	19.491	2.5	91	0.00
13 T	Acetone	51.000	47.272	7.3	89	0.00
14 T	Carbon Disulfide	10.000	9.777	2.2	90	0.00
15 RT	Methylene Chloride	10.000	9.073	9.3	92	0.00
16 RT	trans-1,2-Dichloroethene	10.000	10.037	-0.4	93	0.00
17 t	1,1-Dichloroethane	10.000	9.329	6.7	88	0.00
18 T	2-Butanone	50.000	50.188	-0.4	85	0.00
19	Cyclohexane	10.000	8.868	11.3	87	0.00
20	Methylcyclohexane	10.000	9.921	0.8	90	0.00
21 T	2,2-Dichloropropane	10.000	9.732	2.7	90	0.00
22 RT	cis-1,2-Dichloroethene	10.000	10.096	-1.0	92	0.00
23 t	Diethyl Ether	10.000	9.548	4.5	88	0.00
24 t	tert-Butyl Alcohol	100.000	94.586	5.4	89	0.00
25 t	Methyl tert-Butyl Ether	10.000	9.908	0.9	91	0.00
26 t	Bromochloromethane	10.000	10.113	-1.1	93	0.00
27 t	Chloroform	10.000	9.918	0.8	90	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.946	0.5	90	0.00
29 T	1,1-Dichloropropene	10.000	9.656	3.4	88	0.00
30 RT	Carbon Tetrachloride	10.000	10.282	-2.8	92	0.00
31 t	Isopropyl Ether	10.000	9.441	5.6	85	0.00
32	Ethyl-t-butyl ether	10.000	9.510	4.9	87	0.00
33	Tert-Amyl methyl ether	10.000	9.820	1.8	88	0.00
34 t	Propionitrile	50.000	48.591	2.8	80	0.00
35 RT	Benzene	10.000	9.760	2.4	88	0.00
36 RT	1,2-Dichloroethane	10.000	9.644	3.6	86	0.00
37 RT	Trichloroethene	10.000	10.396	-4.0	95	0.00
38 Rt	1,2-Dichloropropane	10.000	9.594	4.1	87	0.00
39 t	Methacrylonitrile	10.000	9.168	8.3	82	0.00
40 t	Methyl acrylate	10.000	9.631	3.7	86	0.00
41 t	Tetrahydrofuran	20.000	17.974	10.1	82	0.00
42 t	1-Chlorobutane	10.000	9.434	5.7	85	0.00
43 T	Dibromomethane	10.000	9.697	3.0	90	0.00
44 T	Bromodichloromethane	10.000	9.726	2.7	88	0.00
45 T	4-Methyl-2-Pentanone	50.000	47.706	4.6	84	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	19.832	0.8	85	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	20.403	-2.0	89	0.00
48 t	Ethyl methacrylate	10.000	10.127	-1.3	88	0.00
49 Rt	Toluene	10.000	10.004	-0.0	90	0.00
50 T	t-1,3-Dichloropropene	10.000	10.014	-0.1	88	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.938	0.6	89	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.209	-2.1	91	0.00
53 t	1,3-Dichloropropane	10.000	9.934	0.7	89	0.00
54 t	2-Hexanone	50.000	48.950	2.1	83	0.00
55 t	Dibromochloromethane	10.000	10.233	-2.3	91	0.00
56 T	1,2-Dibromoethane	10.000	9.778	2.2	89	0.00
57 S	4-Bromofluorobenzene	1.000	1.148	-14.8	106	0.00
58 RT	Tetrachloroethene	10.000	10.554	-5.5	94	0.00
59 Rt	Chlorobenzene	10.000	10.217	-2.2	91	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.440	-4.4	94	0.00
61 t	Pentachloroethane	10.000	10.495	-4.9	93	0.00
62 t	Hexachloroethane	10.000	10.805	-8.0	95	0.00
63 Rt	Ethyl Benzene	10.000	10.000	0.0	89	0.00
64 RT	m/p-Xylenes	20.000	20.597	-3.0	91	0.00
65 RT	o-Xylene	10.000	10.169	-1.7	89	0.00
66 RT	Styrene	10.000	10.209	-2.1	89	0.00
67 t	Bromoform	10.000	10.917	-9.2	96	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.039	-3.9	92	0.00
69 T	Isopropylbenzene	10.000	10.159	-1.6	90	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	10.008	-0.1	88	0.00
71 T	1,2,3-Trichloropropane	10.000	10.760	-7.6	91	0.00
72 t	Bromobenzene	10.000	10.761	-7.6	94	0.00
73 t	n-propylbenzene	10.000	10.481	-4.8	92	0.00
74 t	2-Chlorotoluene	10.000	10.508	-5.1	93	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.111	-1.1	89	0.00
76 t	4-Chlorotoluene	10.000	10.387	-3.9	91	0.00
77 t	tert-Butylbenzene	10.000	10.457	-4.6	92	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.308	-3.1	90	0.00
79 t	sec-Butylbenzene	10.000	10.264	-2.6	90	0.00
80	Nitrobenzene	50.000	55.910	-11.8	80	0.00
81 t	p-Isopropyltoluene	10.000	10.455	-4.6	91	0.00
82 t	1,3-Dichlorobenzene	10.000	10.626	-6.3	93	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.615	-6.2	92	0.00
84 t	n-Butylbenzene	10.000	10.387	-3.9	88	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.482	-4.8	91	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.902	1.0	88	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	10.925	-9.3	91	0.00
88 t	Hexachlorobutadiene	10.000	11.260	-12.6	98	0.00
89 t	Naphthalene	10.000	10.996	-10.0	89	0.00
90 t	1,2,3-Trichlorobenzene	10.000	10.777	-7.8	92	0.00

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

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