

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020719\
 Data File : VU029370.D
 Acq On : 07 Feb 2019 15:09
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 13:08:06 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	97	0.00
2 T	Dichlorodifluoromethane	10.000	9.583	4.2	94	0.00
3 t	Chloromethane	10.000	9.002	10.0	91	0.00
4 Rt	Vinyl Chloride	10.000	9.632	3.7	93	0.00
5 T	Bromomethane	10.000	10.140	-1.4	109	0.00
6 T	Chloroethane	10.000	10.018	-0.2	98	0.00
7 T	Trichlorofluoromethane	10.000	10.486	-4.9	101	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	10.745	-7.4	103	0.00
9 Rt	1,1-Dichloroethene	10.000	10.384	-3.8	101	0.00
10 t	Iodomethane	10.000	10.548	-5.5	102	0.00
11 t	Allyl Chloride	10.000	9.330	6.7	89	0.00
12 t	Acrylonitrile	20.000	19.268	3.7	94	0.00
13 T	Acetone	51.000	44.319	13.1	88	0.00
14 T	Carbon Disulfide	10.000	10.050	-0.5	98	0.00
15 RT	Methylene Chloride	10.000	9.498	5.0	101	0.00
16 RT	trans-1,2-Dichloroethene	10.000	10.483	-4.8	102	0.00
17 t	1,1-Dichloroethane	10.000	11.645	-16.4	115	0.00
18 T	2-Butanone	50.000	48.539	2.9	87	0.00
19	Cyclohexane	10.000	8.979	10.2	92	0.00
20	Methylcyclohexane	10.000	10.232	-2.3	97	0.00
21 T	2,2-Dichloropropane	10.000	9.814	1.9	96	0.00
22 RT	cis-1,2-Dichloroethene	10.000	10.806	-8.1	103	0.00
23 t	Diethyl Ether	10.000	9.725	2.8	94	0.00
24 t	tert-Butyl Alcohol	100.000	98.410	1.6	97	0.00
25 t	Methyl tert-Butyl Ether	10.000	10.109	-1.1	97	0.00
26 t	Bromochloromethane	10.000	10.805	-8.0	104	0.00
27 t	Chloroform	10.000	10.467	-4.7	100	0.00
28 RT	1,1,1-Trichloroethane	10.000	10.396	-4.0	99	0.00
29 T	1,1-Dichloropropene	10.000	10.018	-0.2	96	0.00
30 RT	Carbon Tetrachloride	10.000	10.793	-7.9	102	0.00
31 t	Isopropyl Ether	10.000	11.587	-15.9	110	0.00
32	Ethyl-t-butyl ether	10.000	9.830	1.7	94	0.00
33	Tert-Amyl methyl ether	10.000	10.178	-1.8	96	0.00
34 t	Propionitrile	50.000	51.954	-3.9	90	0.00
35 RT	Benzene	10.000	10.252	-2.5	97	0.00
36 RT	1,2-Dichloroethane	10.000	9.804	2.0	92	0.00
37 RT	Trichloroethene	10.000	11.026	-10.3	105	0.00
38 Rt	1,2-Dichloropropane	10.000	9.846	1.5	94	0.00
39 t	Methacrylonitrile	10.000	9.396	6.0	88	0.00
40 t	Methyl acrylate	10.000	10.036	-0.4	94	0.00
41 t	Tetrahydrofuran	20.000	17.806	11.0	85	0.00
42 t	1-Chlorobutane	10.000	9.630	3.7	91	0.00
43 T	Dibromomethane	10.000	10.307	-3.1	100	0.00
44 T	Bromodichloromethane	10.000	10.201	-2.0	97	0.00
45 T	4-Methyl-2-Pentanone	50.000	47.352	5.3	87	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	19.525	2.4	88	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	20.719	-3.6	95	0.00
48 t	Ethyl methacrylate	10.000	10.315	-3.1	94	0.00
49 Rt	Toluene	10.000	10.380	-3.8	98	0.00
50 T	t-1,3-Dichloropropene	10.000	10.052	-0.5	93	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.143	-1.4	95	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.850	-8.5	102	0.00
53 t	1,3-Dichloropropane	10.000	10.247	-2.5	96	0.00
54 t	2-Hexanone	50.000	47.541	4.9	85	0.00
55 t	Dibromochloromethane	10.000	10.716	-7.2	101	0.00
56 T	1,2-Dibromoethane	10.000	10.310	-3.1	99	0.00
57 S	4-Bromofluorobenzene	1.000	1.041	-4.1	101	0.00
58 RT	Tetrachloroethene	10.000	11.323	-13.2	106	0.00
59 Rt	Chlorobenzene	10.000	10.854	-8.5	102	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.883	-8.8	103	0.00
61 t	Pentachloroethane	10.000	10.849	-8.5	101	0.00
62 t	Hexachloroethane	10.000	11.109	-11.1	102	0.00
63 Rt	Ethyl Benzene	10.000	10.497	-5.0	98	0.00
64 RT	m/p-Xylenes	20.000	21.601	-8.0	100	0.00
65 RT	o-Xylene	10.000	10.770	-7.7	99	0.00
66 RT	Styrene	10.000	10.872	-8.7	100	0.00
67 t	Bromoform	10.000	10.838	-8.4	100	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.152	-15.2	107	0.00
69 T	Isopropylbenzene	10.000	10.715	-7.1	99	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	10.454	-4.5	97	0.00
71 T	1,2,3-Trichloropropane	10.000	10.872	-8.7	97	0.00
72 t	Bromobenzene	10.000	11.548	-15.5	106	0.00
73 t	n-propylbenzene	10.000	11.193	-11.9	103	0.00
74 t	2-Chlorotoluene	10.000	11.165	-11.6	104	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.591	-5.9	98	0.00
76 t	4-Chlorotoluene	10.000	11.094	-10.9	102	0.00
77 t	tert-Butylbenzene	10.000	10.884	-8.8	101	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.624	-6.2	98	0.00
79 t	sec-Butylbenzene	10.000	10.720	-7.2	98	0.00
80	Nitrobenzene	50.000	47.119	5.8	71	0.00
81 t	p-Isopropyltoluene	10.000	10.995	-9.9	100	0.00
82 t	1,3-Dichlorobenzene	10.000	11.357	-13.6	104	0.00
83 Rt	1,4-Dichlorobenzene	10.000	11.455	-14.6	104	0.00
84 t	n-Butylbenzene	10.000	10.636	-6.4	95	0.00
85 Rt	1,2-Dichlorobenzene	10.000	11.201	-12.0	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.752	2.5	91	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	11.983	-19.8	105	0.00
88 t	Hexachlorobutadiene	10.000	12.092	-20.9	111	0.00
89 t	Naphthalene	10.000	11.648	-16.5	99	0.00
90 t	1,2,3-Trichlorobenzene	10.000	11.741	-17.4	105	0.00

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

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