

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090718\
 Data File : VU026617.D
 Acq On : 07 Sep 2018 12:22
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 07 23:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 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	73	0.00
2 T	Dichlorodifluoromethane	10.000	7.553	24.5	57	0.00
3 t	Chloromethane	10.000	10.652	-6.5	83	0.00
4 Rt	Vinyl Chloride	10.000	10.383	-3.8	79	0.00
5 T	Bromomethane	10.000	8.915	10.9	66	0.00
6 T	Chloroethane	10.000	10.630	-6.3	83	0.00
7 T	Trichlorofluoromethane	10.000	8.846	11.5	68	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.542	4.6	72	0.00
9 Rt	1,1-Dichloroethene	10.000	9.720	2.8	75	0.00
10 t	Iodomethane	10.000	5.904	41.0#	43	0.00
11 t	Allvl Chloride	10.000	11.170	-11.7	84	0.00
12 t	Acrylonitrile	20.000	21.905	-9.5	87	0.00
13 T	Acetone	50.000	65.082	-30.2#	92	0.00
14 T	Carbon Disulfide	10.000	9.945	0.5	76	0.00
15 RT	Methylene Chloride	10.000	11.073	-10.7	80	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.512	4.9	76	0.00
17 t	1,1-Dichloroethane	10.000	9.276	7.2	72	0.00
18 T	2-Butanone	50.000	47.270	5.5	70	0.00
19	Cyclohexane	10.000	9.255	7.4	64	0.00
20	Methylcyclohexane	10.000	9.162	8.4	61	0.00
21 T	2,2-Dichloropropane	10.000	7.080	29.2	54	0.00
22 RT	cis-1,2-Dichloroethene	10.000	7.896	21.0	59	0.00
23 t	Diethyl Ether	10.000	10.577	-5.8	81	0.00
24 t	tert-Butyl Alcohol	100.000	107.893	-7.9	88	0.01
25 t	Methyl tert-Butyl Ether	10.000	10.017	-0.2	76	0.00
26 t	Bromochloromethane	10.000	7.369	26.3	54	0.00
27 t	Chloroform	10.000	7.830	21.7	60	0.00
28 RT	1,1,1-Trichloroethane	10.000	7.294	27.1	55	0.00
29 T	1,1-Dichloropropene	10.000	8.515	14.8	60	0.00
30 RT	Carbon Tetrachloride	10.000	7.115	28.8	53	0.00
31 t	Isopropyl Ether	10.000	8.823	11.8	66	0.00
32	Ethyl-t-butyl ether	10.000	8.686	13.1	63	0.00
33	Tert-Amyl methyl ether	10.000	8.821	11.8	60	0.00
34 t	Propionitrile	50.000	45.506	9.0	68	0.00
35 RT	Benzene	10.000	8.539	14.6	63	0.00
36 RT	1,2-Dichloroethane	10.000	7.858	21.4	59	0.00
37 RT	Trichloroethene	10.000	7.871	21.3	59	0.00
38 Rt	1,2-Dichloropropane	10.000	8.815	11.9	65	0.00
39 t	Methacrylonitrile	10.000	9.044	9.6	64	0.00
40 t	Methyl acrylate	10.000	8.820	11.8	63	0.00
41 t	Tetrahydrofuran	20.000	16.512	17.4	67	0.00
42 t	1-Chlorobutane	10.000	8.888	11.1	62	0.00
43 T	Dibromomethane	10.000	8.004	20.0	59	0.00
44 T	Bromodichloromethane	10.000	7.790	22.1	58	0.00
45 T	4-Methyl-2-Pentanone	50.000	47.883	4.2	66	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	13.806	31.0#	51	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	18.698	6.5	62	0.00
48 t	Ethyl methacrylate	10.000	9.808	1.9	63	0.00
49 Rt	Toluene	10.000	8.930	10.7	61	0.00
50 T	t-1,3-Dichloropropene	10.000	8.214	17.9	58	0.00
51 T	cis-1,3-Dichloropropene	10.000	8.511	14.9	60	0.00
52 RT	1,1,2-Trichloroethane	10.000	8.139	18.6	61	0.00
53 t	1,3-Dichloropropane	10.000	8.465	15.4	62	0.00
54 t	2-Hexanone	50.000	47.797	4.4	65	0.00
55 t	Dibromochloromethane	10.000	7.450	25.5	55	0.00
56 T	1,2-Dibromoethane	10.000	7.738	22.6	57	0.00
57 S	4-Bromofluorobenzene	1.000	0.988	1.2	68	0.00
58 RT	Tetrachloroethene	10.000	7.754	22.5	57	0.00
59 Rt	Chlorobenzene	10.000	8.312	16.9	59	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	7.687	23.1	56	0.00
61 t	Pentachloroethane	10.000	7.319	26.8	55	0.00
62 t	Hexachloroethane	10.000	7.717	22.8	54	0.00
63 Rt	Ethyl Benzene	10.000	9.240	7.6	61	0.00
64 RT	m/p-Xylenes	20.000	18.352	8.2	59	0.00
65 RT	o-Xylene	10.000	9.069	9.3	60	0.00
66 RT	Styrene	10.000	9.157	8.4	59	0.00
67 t	Bromoform	10.000	7.464	25.4	54	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.936	6.4	68	0.00
69 T	Isopropylbenzene	10.000	9.026	9.7	59	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	8.098	19.0	60	0.00
71 T	1,2,3-Trichloropropane	10.000	7.421	25.8	54	0.00
72 t	Bromobenzene	10.000	8.014	19.9	56	0.00
73 t	n-propylbenzene	10.000	8.842	11.6	56	0.00
74 t	2-Chlorotoluene	10.000	8.562	14.4	57	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.029	9.7	57	0.00
76 t	4-Chlorotoluene	10.000	8.780	12.2	58	0.00
77 t	tert-Butylbenzene	10.000	8.726	12.7	57	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.032	9.7	57	0.00
79 t	sec-Butylbenzene	10.000	9.030	9.7	58	0.00
80	Nitrobenzene	50.000	40.414	19.2	55	0.00
81 t	p-Isopropyltoluene	10.000	9.021	9.8	57	0.00
82 t	1,3-Dichlorobenzene	10.000	7.737	22.6	54	0.00
83 Rt	1,4-Dichlorobenzene	10.000	7.828	21.7	55	0.00
84 t	n-Butylbenzene	10.000	8.991	10.1	58	0.00
85 Rt	1,2-Dichlorobenzene	10.000	7.845	21.6	56	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	7.412	25.9	55	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	8.116	18.8	56	0.00
88 t	Hexachlorobutadiene	10.000	8.076	19.2	58	0.00
89 t	Naphthalene	10.000	8.690	13.1	56	0.00
90 t	1,2,3-Trichlorobenzene	10.000	8.254	17.5	56	0.00

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

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