

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102220\
 Data File : VU040924.D
 Acq On : 23 Oct 2020 01:49
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 23 07:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 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	102	0.00
2 T	Dichlorodifluoromethane	10.000	9.064	9.4	100	0.00
3 t	Chloromethane	10.000	9.026	9.7	99	0.00
4 Rt	Vinyl Chloride	10.000	9.286	7.1	98	0.00
5 T	Bromomethane	10.000	8.520	14.8	104	0.00
6 T	Chloroethane	10.000	9.101	9.0	100	0.00
7 T	Trichlorofluoromethane	10.000	9.483	5.2	100	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.344	6.6	99	0.00
9 Rt	1,1-Dichloroethene	10.000	9.470	5.3	99	0.00
10 t	Iodomethane	10.000	10.106	-1.1	102	0.00
11 t	Allyl Chloride	10.000	9.314	6.9	99	0.00
12 t	Acrylonitrile	20.000	19.455	2.7	102	0.00
13 T	Acetone	50.000	46.289	7.4	103	0.00
14 T	Carbon Disulfide	10.000	9.390	6.1	98	0.00
15 RT	Methylene Chloride	10.000	8.715	12.9	100	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.393	6.1	99	0.00
17 t	1,1-Dichloroethane	10.000	9.393	6.1	100	0.00
18 T	2-Butanone	50.000	48.634	2.7	101	0.00
19	Cyclohexane	10.000	9.507	4.9	99	0.00
20	Methylcyclohexane	10.000	10.359	-3.6	95	0.00
21 T	2,2-Dichloropropane	10.000	8.264	17.4	91	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.271	7.3	102	0.00
23 t	Diethyl Ether	10.000	9.441	5.6	98	0.00
24 t	tert-Butyl Alcohol	100.000	94.488	5.5	95	0.00
25 t	Methyl tert-Butyl Ether	10.000	9.518	4.8	100	0.00
26 t	Bromochloromethane	10.000	9.630	3.7	102	0.00
27 t	Chloroform	10.000	9.354	6.5	100	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.312	6.9	99	0.00
29 T	1,1-Dichloropropene	10.000	9.510	4.9	99	0.00
30 RT	Carbon Tetrachloride	10.000	9.230	7.7	99	0.00
31 t	Isopropyl Ether	10.000	9.331	6.7	99	0.00
32	Ethyl-t-butyl ether	10.000	9.432	5.7	99	0.00
33	Tert-Amyl methyl ether	10.000	10.154	-1.5	99	0.00
34 t	Propionitrile	50.000	46.159	7.7	99	0.00
35 RT	Benzene	10.000	9.575	4.3	98	0.00
36 RT	1,2-Dichloroethane	10.000	9.444	5.6	101	0.00
37 RT	Trichloroethene	10.000	9.462	5.4	98	0.00
38 Rt	1,2-Dichloropropane	10.000	9.579	4.2	98	0.00
39 t	Methacrylonitrile	10.000	9.377	6.2	99	0.00
40 t	Methyl acrylate	10.000	9.776	2.2	101	0.00
41 t	Tetrahydrofuran	20.000	18.481	7.6	101	0.00
42 t	1-Chlorobutane	10.000	9.363	6.4	97	0.00
43 T	Dibromomethane	10.000	9.524	4.8	102	0.00
44 T	Bromodichloromethane	10.000	9.635	3.7	100	0.00
45 T	4-Methyl-2-Pentanone	50.000	53.948	-7.9	100	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	19.247	3.8	96	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	21.953	-9.8	100	0.00
48 t	Ethyl methacrylate	10.000	10.813	-8.1	98	0.00
49 Rt	Toluene	10.000	10.378	-3.8	96	0.00
50 T	t-1,3-Dichloropropene	10.000	9.994	0.1	97	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.611	3.9	94	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.024	-0.2	103	0.00
53 t	1,3-Dichloropropane	10.000	10.029	-0.3	101	0.00
54 t	2-Hexanone	50.000	53.815	-7.6	100	0.00
55 t	Dibromochloromethane	10.000	9.685	3.1	101	0.00
56 T	1,2-Dibromoethane	10.000	9.980	0.2	101	0.00
57 S	4-Bromofluorobenzene	1.000	1.034	-3.4	101	0.00
58 RT	Tetrachloroethene	10.000	9.532	4.7	100	0.00
59 Rt	Chlorobenzene	10.000	9.913	0.9	97	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.711	2.9	100	0.00
61 t	Pentachloroethane	10.000	9.396	6.0	99	0.00
62 t	Hexachloroethane	10.000	9.975	0.3	99	0.00
63 Rt	Ethyl Benzene	10.000	10.795	-7.9	97	0.00
64 RT	m/p-Xylenes	20.000	19.683	1.6	99	0.00
65 RT	o-Xylene	10.000	11.060	-10.6	97	0.00
66 RT	Styrene	10.000	9.878	1.2	99	0.00
67 t	Bromoform	10.000	9.815	1.9	100	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.964	3.6	99	0.00
69 T	Isopropylbenzene	10.000	10.948	-9.5	97	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.905	1.0	101	0.00
71 T	1,2,3-Trichloropropane	10.000	10.723	-7.2	99	0.00
72 t	Bromobenzene	10.000	10.098	-1.0	97	0.00
73 t	n-propylbenzene	10.000	9.733	2.7	97	0.00
74 t	2-Chlorotoluene	10.000	10.486	-4.9	97	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.606	3.9	97	0.00
76 t	4-Chlorotoluene	10.000	11.091	-10.9	99	0.00
77 t	tert-Butylbenzene	10.000	10.799	-8.0	98	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.753	2.5	99	0.00
79 t	sec-Butylbenzene	10.000	11.050	-10.5	98	0.00
80	Nitrobenzene	50.000	51.151	-2.3	96	0.00
81 t	p-Isopropyltoluene	10.000	9.609	3.9	97	0.00
82 t	1,3-Dichlorobenzene	10.000	9.732	2.7	97	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.003	-0.0	101	0.00
84 t	n-Butylbenzene	10.000	11.097	-11.0	97	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.029	-0.3	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.701	3.0	101	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	10.054	-0.5	94	0.00
88 t	Hexachlorobutadiene	10.000	9.629	3.7	96	0.00
89 t	Naphthalene	10.000	8.983	10.2	97	0.00
90 t	1,2,3-Trichlorobenzene	10.000	10.934	-9.3	97	0.00

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

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