

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039729.D
 Acq On : 31 Jul 2020 11:14
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:32:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 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	114	0.00
2 T	Dichlorodifluoromethane	10.000	8.860	11.4	101	0.00
3 t	Chloromethane	10.000	8.760	12.4	105	0.00
4 Rt	Vinyl Chloride	10.000	8.995	10.1	107	0.00
5 T	Bromomethane	10.000	7.607	23.9	100	0.00
6 T	Chloroethane	10.000	8.538	14.6	104	0.00
7 T	Trichlorofluoromethane	10.000	8.904	11.0	104	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	8.833	11.7	104	0.00
9 Rt	1,1-Dichloroethene	10.000	8.880	11.2	104	0.00
10 t	Iodomethane	10.000	10.992	-9.9	108	0.00
11 t	Allyl Chloride	10.000	8.930	10.7	107	0.00
12 t	Acrylonitrile	20.000	18.744	6.3	114	0.00
13 T	Acetone	51.000	47.346	7.2	115	0.00
14 T	Carbon Disulfide	10.000	8.954	10.5	105	0.00
15 RT	Methylene Chloride	10.000	8.178	18.2	109	0.00
16 RT	trans-1,2-Dichloroethene	10.000	8.764	12.4	104	0.00
17 t	1,1-Dichloroethane	10.000	8.654	13.5	102	0.00
18 T	2-Butanone	50.000	43.845	12.3	107	0.00
19	Cyclohexane	10.000	8.660	13.4	105	0.00
20	Methylcyclohexane	10.000	9.616	3.8	105	0.00
21 T	2,2-Dichloropropane	10.000	8.491	15.1	103	0.00
22 RT	cis-1,2-Dichloroethene	10.000	8.878	11.2	105	0.00
23 t	Diethyl Ether	10.000	8.841	11.6	106	0.00
24 t	tert-Butyl Alcohol	100.000	90.998	9.0	109	0.00
25 t	Methyl tert-Butyl Ether	10.000	8.868	11.3	103	0.00
26 t	Bromochloromethane	10.000	8.822	11.8	106	0.00
27 t	Chloroform	10.000	8.623	13.8	104	0.00
28 RT	1,1,1-Trichloroethane	10.000	8.826	11.7	105	0.00
29 T	1,1-Dichloropropene	10.000	8.828	11.7	106	0.00
30 RT	Carbon Tetrachloride	10.000	8.877	11.2	105	0.00
31 t	Isopropyl Ether	10.000	8.713	12.9	103	0.00
32	Ethyl-t-butyl ether	10.000	8.663	13.4	102	0.00
33	Tert-Amyl methyl ether	10.000	10.040	-0.4	116	0.00
34 t	Propionitrile	50.000	46.020	8.0	110	0.00
35 RT	Benzene	10.000	9.705	2.9	116	0.00
36 RT	1,2-Dichloroethane	10.000	9.619	3.8	115	0.00
37 RT	Trichloroethene	10.000	8.803	12.0	102	0.00
38 Rt	1,2-Dichloropropane	10.000	9.191	8.1	104	0.00
39 t	Methacrylonitrile	10.000	7.887	21.1	104	0.00
40 t	Methyl acrylate	10.000	8.462	15.4	102	0.00
41 t	Tetrahydrofuran	20.000	15.693	21.5	103	0.00
42 t	1-Chlorobutane	10.000	8.871	11.3	106	0.00
43 T	Dibromomethane	10.000	8.725	12.8	104	0.00
44 T	Bromodichloromethane	10.000	8.977	10.2	101	0.00
45 T	4-Methyl-2-Pentanone	50.000	46.393	7.2	103	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	18.587	7.1	117	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	18.812	5.9	102	0.00
48 t	Ethyl methacrylate	10.000	9.433	5.7	102	0.00
49 Rt	Toluene	10.000	9.365	6.3	104	0.00
50 T	t-1,3-Dichloropropene	10.000	9.660	3.4	102	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.154	8.5	100	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.102	9.0	106	0.00
53 t	1,3-Dichloropropane	10.000	8.974	10.3	104	0.00
54 t	2-Hexanone	50.000	47.578	4.8	106	0.00
55 t	Dibromochloromethane	10.000	9.329	6.7	103	0.00
56 T	1,2-Dibromoethane	10.000	8.994	10.1	102	0.00
57 S	4-Bromofluorobenzene	1.000	0.999	0.1	110	0.00
58 RT	Tetrachloroethene	10.000	9.225	7.8	109	0.00
59 Rt	Chlorobenzene	10.000	9.203	8.0	103	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.214	7.9	104	0.00
61 t	Pentachloroethane	10.000	8.959	10.4	98	0.00
62 t	Hexachloroethane	10.000	9.331	6.7	99	0.00
63 Rt	Ethyl Benzene	10.000	9.635	3.7	102	0.00
64 RT	m/p-Xylenes	20.000	19.672	1.6	103	0.00
65 RT	o-Xylene	10.000	9.768	2.3	105	0.00
66 RT	Styrene	10.000	10.023	-0.2	104	0.00
67 t	Bromoform	10.000	9.550	4.5	101	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.933	6.7	103	0.00
69 T	Isopropylbenzene	10.000	9.526	4.7	102	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.192	8.1	104	0.00
71 T	1,2,3-Trichloropropane	10.000	9.014	9.9	92	0.00
72 t	Bromobenzene	10.000	9.061	9.4	102	0.00
73 t	n-propylbenzene	10.000	9.591	4.1	102	0.00
74 t	2-Chlorotoluene	10.000	9.333	6.7	103	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.900	1.0	102	0.00
76 t	4-Chlorotoluene	10.000	9.940	0.6	107	0.00
77 t	tert-Butylbenzene	10.000	9.643	3.6	102	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.909	0.9	102	0.00
79 t	sec-Butylbenzene	10.000	9.769	2.3	104	0.00
80	Nitrobenzene	50.000	48.881	2.2	110	0.00
81 t	p-Isopropyltoluene	10.000	9.850	1.5	103	0.00
82 t	1,3-Dichlorobenzene	10.000	9.164	8.4	103	0.00
83 Rt	1,4-Dichlorobenzene	10.000	9.143	8.6	104	0.00
84 t	n-Butylbenzene	10.000	9.926	0.7	106	0.00
85 Rt	1,2-Dichlorobenzene	10.000	9.000	10.0	101	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.282	7.2	99	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	8.873	11.3	97	0.00
88 t	Hexachlorobutadiene	10.000	9.307	6.9	106	0.00
89 t	Naphthalene	10.000	9.098	9.0	94	0.00
90 t	1,2,3-Trichlorobenzene	10.000	8.930	10.7	98	0.00

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

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