

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039733.D
 Acq On : 31 Jul 2020 14:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:40:21 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	8.406	15.9	96	0.00
3 t	Chloromethane	10.000	8.410	15.9	101	0.00
4 Rt	Vinyl Chloride	10.000	8.745	12.6	104	0.00
5 T	Bromomethane	10.000	9.260	7.4	121	0.00
6 T	Chloroethane	10.000	11.393	-13.9	139	0.00
7 T	Trichlorofluoromethane	10.000	8.811	11.9	104	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	8.602	14.0	102	0.00
9 Rt	1,1-Dichloroethene	10.000	8.625	13.8	101	0.00
10 t	Iodomethane	10.000	11.516	-15.2	113	0.00
11 t	Allyl Chloride	10.000	8.375	16.3	100	0.00
12 t	Acrylonitrile	20.000	18.202	9.0	111	0.00
13 T	Acetone	51.000	40.423	20.7	98	0.01
14 T	Carbon Disulfide	10.000	8.508	14.9	100	0.00
15 RT	Methylene Chloride	10.000	7.687	23.1	103	0.00
16 RT	trans-1,2-Dichloroethene	10.000	8.702	13.0	104	0.00
17 t	1,1-Dichloroethane	10.000	8.559	14.4	101	0.00
18 T	2-Butanone	50.000	40.509	19.0	99	0.00
19	Cyclohexane	10.000	8.141	18.6	99	0.00
20	Methylcyclohexane	10.000	9.636	3.6	105	0.00
21 T	2,2-Dichloropropane	10.000	7.857	21.4	96	0.00
22 RT	cis-1,2-Dichloroethene	10.000	8.551	14.5	102	0.00
23 t	Diethyl Ether	10.000	8.666	13.3	104	0.00
24 t	tert-Butyl Alcohol	100.000	85.921	14.1	103	0.04
25 t	Methyl tert-Butyl Ether	10.000	8.684	13.2	101	0.00
26 t	Bromochloromethane	10.000	8.785	12.1	106	0.00
27 t	Chloroform	10.000	8.389	16.1	101	0.00
28 RT	1,1,1-Trichloroethane	10.000	8.461	15.4	101	0.00
29 T	1,1-Dichloropropene	10.000	8.350	16.5	100	0.00
30 RT	Carbon Tetrachloride	10.000	8.604	14.0	102	0.00
31 t	Isopropyl Ether	10.000	8.248	17.5	98	0.00
32	Ethyl-t-butyl ether	10.000	8.359	16.4	99	0.00
33	Tert-Amyl methyl ether	10.000	9.814	1.9	114	0.00
34 t	Propionitrile	50.000	45.234	9.5	108	0.00
35 RT	Benzene	10.000	9.366	6.3	112	0.00
36 RT	1,2-Dichloroethane	10.000	9.585	4.1	115	0.00
37 RT	Trichloroethene	10.000	8.880	11.2	104	0.00
38 Rt	1,2-Dichloropropane	10.000	9.422	5.8	107	0.00
39 t	Methacrylonitrile	10.000	7.763	22.4	103	0.00
40 t	Methyl acrylate	10.000	8.750	12.5	105	0.00
41 t	Tetrahydrofuran	20.000	16.414	17.9	108	0.00
42 t	1-Chlorobutane	10.000	8.301	17.0	99	0.00
43 T	Dibromomethane	10.000	9.171	8.3	110	0.00
44 T	Bromodichloromethane	10.000	8.916	10.8	100	0.00
45 T	4-Methyl-2-Pentanone	50.000	47.161	5.7	105	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	19.457	2.7	122	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	19.688	1.6	107	0.00
48 t	Ethyl methacrylate	10.000	9.368	6.3	102	0.00
49 Rt	Toluene	10.000	8.982	10.2	100	0.00
50 T	t-1,3-Dichloropropene	10.000	9.205	7.9	97	0.00
51 T	cis-1,3-Dichloropropene	10.000	8.927	10.7	98	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.132	8.7	107	0.00
53 t	1,3-Dichloropropane	10.000	8.943	10.6	104	0.00
54 t	2-Hexanone	50.000	47.075	5.8	105	0.00
55 t	Dibromochloromethane	10.000	9.093	9.1	100	0.00
56 T	1,2-Dibromoethane	10.000	8.938	10.6	101	0.00
57 S	4-Bromofluorobenzene	1.000	0.886	11.4	97	0.00
58 RT	Tetrachloroethene	10.000	8.676	13.2	102	0.00
59 Rt	Chlorobenzene	10.000	8.772	12.3	98	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	8.768	12.3	99	0.00
61 t	Pentachloroethane	10.000	8.823	11.8	97	0.00
62 t	Hexachloroethane	10.000	9.150	8.5	98	0.00
63 Rt	Ethyl Benzene	10.000	9.221	7.8	98	0.00
64 RT	m/p-Xylenes	20.000	18.950	5.3	100	0.00
65 RT	o-Xylene	10.000	9.305	7.0	100	0.00
66 RT	Styrene	10.000	9.613	3.9	100	0.00
67 t	Bromoform	10.000	9.579	4.2	101	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.929	7.1	103	0.00
69 T	Isopropylbenzene	10.000	9.126	8.7	98	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.150	8.5	104	0.00
71 T	1,2,3-Trichloropropane	10.000	9.736	2.6	99	0.00
72 t	Bromobenzene	10.000	8.796	12.0	99	0.00
73 t	n-propylbenzene	10.000	9.138	8.6	97	0.00
74 t	2-Chlorotoluene	10.000	9.050	9.5	100	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.443	5.6	98	0.00
76 t	4-Chlorotoluene	10.000	9.325	6.8	100	0.00
77 t	tert-Butylbenzene	10.000	9.265	7.3	98	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.814	1.9	101	0.00
79 t	sec-Butylbenzene	10.000	9.266	7.3	99	0.00
80	Nitrobenzene	50.000	48.822	2.4	110	0.00
81 t	p-Isopropyltoluene	10.000	9.448	5.5	99	0.00
82 t	1,3-Dichlorobenzene	10.000	8.775	12.2	99	0.00
83 Rt	1,4-Dichlorobenzene	10.000	8.707	12.9	99	0.00
84 t	n-Butylbenzene	10.000	9.204	8.0	98	0.00
85 Rt	1,2-Dichlorobenzene	10.000	8.766	12.3	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.713	2.9	104	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	8.556	14.4	93	0.00
88 t	Hexachlorobutadiene	10.000	8.582	14.2	98	0.00
89 t	Naphthalene	10.000	9.131	8.7	95	0.00
90 t	1,2,3-Trichlorobenzene	10.000	8.796	12.0	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				