

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081220\
 Data File : VU039837.D
 Acq On : 12 Aug 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 19:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 04 18:51:11 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	107	0.00
2 T	Dichlorodifluoromethane	10.000	8.615	13.8	92	0.00
3 t	Chloromethane	10.000	7.499	25.0	85	0.00
4 Rt	Vinyl Chloride	10.000	8.641	13.6	96	0.00
5 T	Bromomethane	10.000	7.689	23.1	94	0.00
6 T	Chloroethane	10.000	8.347	16.5	96	0.00
7 T	Trichlorofluoromethane	10.000	8.986	10.1	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.244	7.6	102	0.00
9 Rt	1,1-Dichloroethene	10.000	8.632	13.7	95	0.00
10 t	Iodomethane	10.000	5.849	41.5#	54	0.00
11 t	Allyl Chloride	10.000	9.263	7.4	104	0.00
12 t	Acrylonitrile	20.000	19.527	2.4	111	0.00
13 T	Acetone	50.000	46.525	7.0	106	0.00
14 T	Carbon Disulfide	10.000	6.917	30.8#	76	0.00
15 RT	Methylene Chloride	10.000	7.957	20.4	100	0.00
16 RT	trans-1,2-Dichloroethene	10.000	8.702	13.0	97	0.00
17 t	1,1-Dichloroethane	10.000	9.321	6.8	103	0.00
18 T	2-Butanone	50.000	44.189	11.6	101	0.00
19	Cyclohexane	10.000	8.154	18.5	92	0.00
20	Methylcyclohexane	10.000	8.503	15.0	87	0.00
21 T	2,2-Dichloropropane	10.000	9.328	6.7	106	0.00
22 RT	cis-1,2-Dichloroethene	10.000	8.933	10.7	99	0.00
23 t	Diethyl Ether	10.000	8.881	11.2	100	0.00
24 t	tert-Butyl Alcohol	100.000	100.265	-0.3	111	0.03
25 t	Methyl tert-Butyl Ether	10.000	9.421	5.8	103	0.00
26 t	Bromochloromethane	10.000	8.866	11.3	100	0.00
27 t	Chloroform	10.000	9.294	7.1	105	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.314	6.9	104	0.00
29 T	1,1-Dichloropropene	10.000	8.685	13.1	98	0.00
30 RT	Carbon Tetrachloride	10.000	9.377	6.2	104	0.00
31 t	Isopropyl Ether	10.000	9.632	3.7	107	0.00
32	Ethyl-t-butyl ether	10.000	9.339	6.6	103	0.00
33	Tert-Amyl methyl ether	10.000	8.660	13.4	94	0.00
34 t	Propionitrile	50.000	45.300	9.4	101	0.01
35 RT	Benzene	10.000	9.692	3.1	109	0.00
36 RT	1,2-Dichloroethane	10.000	9.161	8.4	103	0.00
37 RT	Trichloroethene	10.000	8.618	13.8	94	0.00
38 Rt	1,2-Dichloropropane	10.000	9.357	6.4	99	0.00
39 t	Methacrylonitrile	10.000	8.187	18.1	102	0.00
40 t	Methyl acrylate	10.000	8.727	12.7	98	0.00
41 t	Tetrahydrofuran	20.000	16.440	17.8	101	0.00
42 t	1-Chlorobutane	10.000	8.828	11.7	99	0.00
43 T	Dibromomethane	10.000	8.874	11.3	99	0.00
44 T	Bromodichloromethane	10.000	9.553	4.5	101	0.00
45 T	4-Methyl-2-Pentanone	50.000	45.296	9.4	95	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	20.337	-1.7	120	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	20.000	18.412	7.9	94	0.00
48 t	Ethyl methacrylate	10.000	9.150	8.5	93	0.00
49 Rt	Toluene	10.000	9.027	9.7	94	0.00
50 T	t-1,3-Dichloropropene	10.000	9.761	2.4	96	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.497	5.0	97	0.00
52 RT	1,1,2-Trichloroethane	10.000	8.842	11.6	97	0.00
53 t	1,3-Dichloropropane	10.000	8.785	12.1	96	0.00
54 t	2-Hexanone	50.000	45.390	9.2	94	0.00
55 t	Dibromochloromethane	10.000	9.189	8.1	95	0.00
56 T	1,2-Dibromoethane	10.000	8.596	14.0	91	0.00
57 S	4-Bromofluorobenzene	1.000	1.099	-9.9	113	0.00
58 RT	Tetrachloroethene	10.000	9.256	7.4	102	0.00
59 Rt	Chlorobenzene	10.000	9.099	9.0	95	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.387	6.1	99	0.00
61 t	Pentachloroethane	10.000	8.319	16.8	86	0.00
62 t	Hexachloroethane	10.000	9.618	3.8	96	0.00
63 Rt	Ethyl Benzene	10.000	9.312	6.9	93	0.00
64 RT	m/p-Xylenes	20.000	18.772	6.1	92	0.00
65 RT	o-Xylene	10.000	9.318	6.8	94	0.00
66 RT	Styrene	10.000	9.495	5.1	93	0.00
67 t	Bromoform	10.000	9.478	5.2	94	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.935	6.5	97	0.00
69 T	Isopropylbenzene	10.000	9.252	7.5	93	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	8.591	14.1	91	0.00
71 T	1,2,3-Trichloropropane	10.000	7.787	22.1	74	0.00
72 t	Bromobenzene	10.000	8.837	11.6	93	0.00
73 t	n-propylbenzene	10.000	9.336	6.6	93	0.00
74 t	2-Chlorotoluene	10.000	8.870	11.3	92	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.332	6.7	90	0.00
76 t	4-Chlorotoluene	10.000	9.445	5.5	95	0.00
77 t	tert-Butylbenzene	10.000	9.041	9.6	90	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.474	5.3	91	0.00
79 t	sec-Butylbenzene	10.000	9.206	7.9	92	0.00
80	Nitrobenzene	50.000	67.587	-35.2#	143	0.00
81 t	p-Isopropyltoluene	10.000	9.312	6.9	91	0.00
82 t	1,3-Dichlorobenzene	10.000	8.466	15.3	90	0.00
83 Rt	1,4-Dichlorobenzene	10.000	8.688	13.1	93	0.00
84 t	n-Butylbenzene	10.000	9.185	8.1	91	0.00
85 Rt	1,2-Dichlorobenzene	10.000	8.574	14.3	90	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.442	5.6	94	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	8.725	12.8	89	0.00
88 t	Hexachlorobutadiene	10.000	8.822	11.8	94	0.00
89 t	Naphthalene	10.000	8.753	12.5	85	0.00
90 t	1,2,3-Trichlorobenzene	10.000	8.874	11.3	91	0.00

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

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