

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039842.D
 Acq On : 12 Aug 2020 13:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 13 03:33:56 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	99	0.00
2 T	Dichlorodifluoromethane	10.000	8.673	13.3	86	0.00
3 t	Chloromethane	10.000	7.846	21.5	82	0.00
4 Rt	Vinyl Chloride	10.000	8.958	10.4	92	0.00
5 T	Bromomethane	10.000	6.235	37.6#	71	0.00
6 T	Chloroethane	10.000	8.627	13.7	91	0.00
7 T	Trichlorofluoromethane	10.000	9.232	7.7	94	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.342	6.6	96	0.00
9 Rt	1,1-Dichloroethene	10.000	8.970	10.3	91	0.00
10 t	Iodomethane	10.000	6.736	32.6#	57	0.00
11 t	Allyl Chloride	10.000	9.808	1.9	101	0.00
12 t	Acrylonitrile	20.000	19.290	3.6	101	0.00
13 T	Acetone	51.000	43.090	15.5	91	0.00
14 T	Carbon Disulfide	10.000	7.264	27.4	74	0.00
15 RT	Methylene Chloride	10.000	8.304	17.0	96	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.164	8.4	94	0.00
17 t	1,1-Dichloroethane	10.000	9.777	2.2	100	0.00
18 T	2-Butanone	50.000	42.912	14.2	91	0.00
19	Cyclohexane	10.000	8.768	12.3	92	0.00
20	Methylcyclohexane	10.000	8.944	10.6	85	0.00
21 T	2,2-Dichloropropane	10.000	9.458	5.4	99	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.375	6.3	96	0.00
23 t	Diethyl Ether	10.000	9.178	8.2	95	0.00
24 t	tert-Butyl Alcohol	100.000	97.124	2.9	100	0.02
25 t	Methyl tert-Butyl Ether	10.000	9.532	4.7	96	0.00
26 t	Bromochloromethane	10.000	9.195	8.0	96	0.00
27 t	Chloroform	10.000	9.795	2.1	102	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.992	0.1	103	0.00
29 T	1,1-Dichloropropene	10.000	9.538	4.6	99	0.00
30 RT	Carbon Tetrachloride	10.000	10.122	-1.2	103	0.00
31 t	Isopropyl Ether	10.000	10.142	-1.4	104	0.00
32	Ethyl-t-butyl ether	10.000	9.813	1.9	100	0.00
33	Tert-Amyl methyl ether	10.000	9.244	7.6	93	0.00
34 t	Propionitrile	50.000	45.557	8.9	94	0.00
35 RT	Benzene	10.000	9.313	6.9	96	0.00
36 RT	1,2-Dichloroethane	10.000	9.080	9.2	94	0.00
37 RT	Trichloroethene	10.000	9.030	9.7	91	0.00
38 Rt	1,2-Dichloropropane	10.000	9.950	0.5	98	0.00
39 t	Methacrylonitrile	10.000	8.660	13.4	99	0.00
40 t	Methyl acrylate	10.000	8.915	10.9	93	0.00
41 t	Tetrahydrofuran	20.000	17.024	14.9	96	0.00
42 t	1-Chlorobutane	10.000	9.625	3.8	99	0.00
43 T	Dibromomethane	10.000	8.853	11.5	92	0.00
44 T	Bromodichloromethane	10.000	10.128	-1.3	99	0.00
45 T	4-Methyl-2-Pentanone	50.000	47.584	4.8	92	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	17.672	11.6	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	20.000	19.163	4.2	90	0.00
48 t	Ethyl methacrylate	10.000	9.239	7.6	87	0.00
49 Rt	Toluene	10.000	9.502	5.0	92	0.00
50 T	t-1,3-Dichloropropene	10.000	9.939	0.6	90	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.852	1.5	93	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.240	7.6	93	0.00
53 t	1,3-Dichloropropane	10.000	9.081	9.2	91	0.00
54 t	2-Hexanone	50.000	46.024	8.0	88	0.00
55 t	Dibromochloromethane	10.000	9.675	3.2	92	0.00
56 T	1,2-Dibromoethane	10.000	8.740	12.6	86	0.00
57 S	4-Bromofluorobenzene	1.000	0.997	0.3	95	0.00
58 RT	Tetrachloroethene	10.000	9.538	4.6	97	0.00
59 Rt	Chlorobenzene	10.000	9.399	6.0	91	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.974	0.3	97	0.00
61 t	Pentachloroethane	10.000	9.058	9.4	86	0.00
62 t	Hexachloroethane	10.000	10.280	-2.8	95	0.00
63 Rt	Ethyl Benzene	10.000	9.646	3.5	89	0.00
64 RT	m/p-Xylenes	20.000	19.268	3.7	88	0.00
65 RT	o-Xylene	10.000	9.507	4.9	88	0.00
66 RT	Styrene	10.000	10.034	-0.3	90	0.00
67 t	Bromoform	10.000	9.701	3.0	89	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.913	8.7	88	0.00
69 T	Isopropylbenzene	10.000	9.528	4.7	88	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	8.755	12.4	86	0.00
71 T	1,2,3-Trichloropropane	10.000	9.001	10.0	79	0.00
72 t	Bromobenzene	10.000	9.239	7.6	90	0.00
73 t	n-propylbenzene	10.000	9.460	5.4	87	0.00
74 t	2-Chlorotoluene	10.000	9.116	8.8	87	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.693	3.1	87	0.00
76 t	4-Chlorotoluene	10.000	9.732	2.7	90	0.00
77 t	tert-Butylbenzene	10.000	9.419	5.8	86	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.858	1.4	88	0.00
79 t	sec-Butylbenzene	10.000	9.549	4.5	88	0.00
80	Nitrobenzene	50.000	71.499	-43.0#	140	0.00
81 t	p-Isopropyltoluene	10.000	9.596	4.0	87	0.00
82 t	1,3-Dichlorobenzene	10.000	8.985	10.2	88	0.00
83 Rt	1,4-Dichlorobenzene	10.000	8.965	10.4	88	0.00
84 t	n-Butylbenzene	10.000	9.513	4.9	88	0.00
85 Rt	1,2-Dichlorobenzene	10.000	9.018	9.8	88	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.792	2.1	90	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	9.417	5.8	89	0.00
88 t	Hexachlorobutadiene	10.000	9.488	5.1	94	0.00
89 t	Naphthalene	10.000	9.320	6.8	84	0.00
90 t	1,2,3-Trichlorobenzene	10.000	9.469	5.3	90	0.00

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

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