

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102220\
 Data File : VU040917.D
 Acq On : 22 Oct 2020 21:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Quant Time: Oct 23 07:20:56 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	98	0.00
2 T	Dichlorodifluoromethane	10.000	3.927	60.7#	42	0.00
3 t	Chloromethane	10.000	5.642	43.6#	60	0.00
4 Rt	Vinyl Chloride	10.000	6.243	37.6#	64	0.00
5 T	Bromomethane	10.000	6.738	32.6#	79	0.00
6 T	Chloroethane	10.000	6.642	33.6#	71	0.00
7 T	Trichlorofluoromethane	10.000	7.341	26.6	75	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	7.255	27.5	74	0.00
9 Rt	1,1-Dichloroethene	10.000	7.643	23.6	77	0.00
10 t	Iodomethane	10.000	7.403	26.0	71	0.00
11 t	Allyl Chloride	10.000	8.305	17.0	85	0.00
12 t	Acrylonitrile	20.000	37.907	-89.5#	192	0.00
13 T	Acetone	50.000	40.646	18.7	87	0.02
14 T	Carbon Disulfide	10.000	6.035	39.6#	61	0.00
15 RT	Methylene Chloride	10.000	7.649	23.5	85	0.00
16 RT	trans-1,2-Dichloroethene	10.000	7.934	20.7	81	0.00
17 t	1,1-Dichloroethane	10.000	8.257	17.4	85	0.00
18 T	2-Butanone	50.000	42.773	14.5	86	0.01
19	Cyclohexane	10.000	6.466	35.3#	65	0.00
20	Methylcyclohexane	10.000	7.309	26.9	65	0.00
21 T	2,2-Dichloropropane	10.000	7.907	20.9	84	0.00
22 RT	cis-1,2-Dichloroethene	10.000	8.640	13.6	92	0.00
23 t	Diethyl Ether	10.000	7.735	22.6	78	0.00
24 t	tert-Butyl Alcohol	100.000	32.320	67.7#	31	0.05
25 t	Methyl tert-Butyl Ether	10.000	7.680	23.2	78	0.00
26 t	Bromochloromethane	10.000	9.143	8.6	94	0.00
27 t	Chloroform	10.000	8.654	13.5	89	0.00
28 RT	1,1,1-Trichloroethane	10.000	8.247	17.5	85	0.00
29 T	1,1-Dichloropropene	10.000	8.085	19.1	82	0.00
30 RT	Carbon Tetrachloride	10.000	8.229	17.7	85	0.00
31 t	Isopropyl Ether	10.000	9.077	9.2	93	0.00
32	Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.53#
33	Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.96#
34 t	Propionitrile	50.000	79.487	-59.0#	165	0.02
35 RT	Benzene	10.000	8.620	13.8	86	0.00
36 RT	1,2-Dichloroethane	10.000	8.508	14.9	88	0.00
37 RT	Trichloroethene	10.000	8.345	16.5	84	0.00
38 Rt	1,2-Dichloropropane	10.000	8.787	12.1	87	0.00
39 t	Methacrylonitrile	10.000	8.677	13.2	88	0.00
40 t	Methyl acrylate	10.000	10.841	-8.4	108	0.00
41 t	Tetrahydrofuran	20.000	37.502	-87.5#	198	0.00
42 t	1-Chlorobutane	10.000	7.372	26.3	74	0.00
43 T	Dibromomethane	10.000	8.422	15.8	87	0.00
44 T	Bromodichloromethane	10.000	9.100	9.0	91	0.00
45 T	4-Methyl-2-Pentanone	50.000	49.011	2.0	88	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	10.893	45.5#	53	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	20.000	9.272	53.6#	41	0.00
48 t	Ethyl methacrylate	10.000	10.235	-2.3	90	0.00
49 Rt	Toluene	10.000	9.585	4.1	86	0.00
50 T	t-1,3-Dichloropropene	10.000	9.582	4.2	90	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.294	7.1	88	0.00
52 RT	1,1,2-Trichloroethane	10.000	9.499	5.0	94	0.00
53 t	1,3-Dichloropropane	10.000	9.188	8.1	90	0.00
54 t	2-Hexanone	50.000	49.936	0.1	90	0.00
55 t	Dibromochloromethane	10.000	9.115	8.8	92	0.00
56 T	1,2-Dibromoethane	10.000	9.629	3.7	94	0.00
57 S	4-Bromofluorobenzene	1.000	1.141	-14.1	107	0.00
58 RT	Tetrachloroethene	10.000	8.396	16.0	85	0.00
59 Rt	Chlorobenzene	10.000	9.233	7.7	88	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	9.158	8.4	91	0.00
61 t	Pentachloroethane	10.000	9.542	4.6	97	0.00
62 t	Hexachloroethane	10.000	8.725	12.8	84	0.00
63 Rt	Ethyl Benzene	10.000	10.258	-2.6	89	0.00
64 RT	m/p-Xylenes	20.000	18.227	8.9	88	0.00
65 RT	o-Xylene	10.000	10.263	-2.6	87	0.00
66 RT	Styrene	10.000	9.171	8.3	88	0.00
67 t	Bromoform	10.000	9.379	6.2	92	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.987	1.3	98	0.00
69 T	Isopropylbenzene	10.000	10.959	-9.6	94	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	9.385	6.2	92	0.00
71 T	1,2,3-Trichloropropane	10.000	10.066	-0.7	90	0.00
72 t	Bromobenzene	10.000	9.836	1.6	91	0.00
73 t	n-propylbenzene	10.000	8.898	11.0	86	0.00
74 t	2-Chlorotoluene	10.000	9.924	0.8	89	0.00
75 t	1,3,5-Trimethylbenzene	10.000	9.402	6.0	92	0.00
76 t	4-Chlorotoluene	10.000	10.427	-4.3	90	0.00
77 t	tert-Butylbenzene	10.000	10.208	-2.1	90	0.00
78 t	1,2,4-Trimethylbenzene	10.000	9.327	6.7	91	0.00
79 t	sec-Butylbenzene	10.000	9.728	2.7	83	0.00
80	Nitrobenzene	50.000	9.997	80.0#	18	0.00
81 t	p-Isopropyltoluene	10.000	9.344	6.6	91	0.00
82 t	1,3-Dichlorobenzene	10.000	9.291	7.1	89	0.00
83 Rt	1,4-Dichlorobenzene	10.000	9.439	5.6	92	0.00
84 t	n-Butylbenzene	10.000	10.763	-7.6	91	0.00
85 Rt	1,2-Dichlorobenzene	10.000	9.523	4.8	91	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	9.566	4.3	97	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	11.116	-11.2	100	0.00
88 t	Hexachlorobutadiene	10.000	9.758	2.4	94	0.00
89 t	Naphthalene	10.000	9.337	6.6	97	0.00
90 t	1,2,3-Trichlorobenzene	10.000	11.050	-10.5	95	0.00

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

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