

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102320\
 Data File : VU040926.D
 Acq On : 23 Oct 2020 09:56
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 24 06:36:29 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	99	0.00
2 T	Dichlorodifluoromethane	0.466	0.456	2.1	105	0.00
3 t	Chloromethane	0.486	0.469	3.5	102	0.00
4 Rt	Vinyl Chloride	0.453	0.439	3.1	100	0.00
5 T	Bromomethane	0.266	0.233	12.4	103	0.00
6 T	Chloroethane	0.277	0.257	7.2	99	0.00
7 T	Trichlorofluoromethane	0.572	0.576	-0.7	103	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.318	0.318	0.0	103	0.00
9 Rt	1,1-Dichloroethene	0.277	0.276	0.4	101	0.00
10 t	Iodomethane	0.269	0.347	-29.0	101	0.00
11 t	Allyl Chloride	0.570	0.578	-1.4	104	0.00
12 t	Acrylonitrile	0.098	0.099	-1.0	103	0.00
13 T	Acetone	0.082	0.093	-13.4	123	0.00
14 T	Carbon Disulfide	1.041	1.046	-0.5	102	0.00
15 RT	Methylene Chloride	0.360	0.325	9.7	101	0.00
16 RT	trans-1,2-Dichloroethene	0.313	0.311	0.6	102	0.00
17 t	1,1-Dichloroethane	0.641	0.631	1.6	101	0.00
18 T	2-Butanone	0.132	0.140	-6.1	107	0.00
19	Cyclohexane	0.603	0.597	1.0	100	0.00
20	Methylcyclohexane	0.451	0.514	-14.0	102	0.00
21 T	2,2-Dichloropropane	0.541	0.550	-1.7	109	0.00
22 RT	cis-1,2-Dichloroethene	0.334	0.325	2.7	103	0.00
23 t	Diethyl Ether	0.273	0.275	-0.7	102	0.00
24 t	tert-Butyl Alcohol	0.031	0.030	3.2	96	0.02
25 t	Methyl tert-Butyl Ether	0.859	0.861	-0.2	102	0.00
26 t	Bromochloromethane	0.145	0.145	0.0	103	0.00
27 t	Chloroform	0.613	0.604	1.5	102	0.00
28 RT	1,1,1-Trichloroethane	0.528	0.518	1.9	101	0.00
29 T	1,1-Dichloropropene	0.463	0.468	-1.1	102	0.00
30 RT	Carbon Tetrachloride	0.478	0.472	1.3	102	0.00
31 t	Isopropyl Ether	0.991	0.984	0.7	102	0.00
32	Ethyl-t-butyl ether	0.873	0.873	0.0	102	0.00
33	Tert-Amyl methyl ether	0.650	0.702	-8.0	102	0.00
34 t	Propionitrile	0.036	0.037	-2.8	106	0.00
35 RT	Benzene	1.283	1.297	-1.1	101	0.00
36 RT	1,2-Dichloroethane	0.476	0.475	0.2	104	0.00
37 RT	Trichloroethene	0.303	0.306	-1.0	101	0.00
38 Rt	1,2-Dichloropropane	0.364	0.370	-1.6	101	0.00
39 t	Methacrylonitrile	0.170	0.171	-0.6	103	0.00
40 t	Methyl acrylate	0.233	0.241	-3.4	103	0.00
41 t	Tetrahydrofuran	0.088	0.084	4.5	102	0.00
42 t	1-Chlorobutane	0.700	0.706	-0.9	101	0.00
43 T	Dibromomethane	0.204	0.207	-1.5	105	0.00
44 T	Bromodichloromethane	0.474	0.484	-2.1	103	0.00
45 T	4-Methyl-2-Pentanone	0.268	0.306	-14.2	103	0.00
46 t	t-1,4-Dichloro-2-butene	0.106	0.116	-9.4	107	0.00

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.170	0.197	-15.9	102	0.00
48 t	Ethyl methacrylate	0.287	0.327	-13.9	101	0.00
49 Rt	Toluene	0.706	0.786	-11.3	100	0.00
50 T	t-1,3-Dichloropropene	0.409	0.457	-11.7	106	0.00
51 T	cis-1,3-Dichloropropene	0.449	0.477	-6.2	101	0.00
52 RT	1,1,2-Trichloroethane	0.258	0.269	-4.3	104	0.00
53 t	1,3-Dichloropropane	0.463	0.484	-4.5	102	0.00
54 t	2-Hexanone	0.187	0.224	-19.8	108	0.00
55 t	Dibromochloromethane	0.309	0.319	-3.2	105	0.00
56 T	1,2-Dibromoethane	0.239	0.254	-6.3	104	0.00
57 S	4-Bromofluorobenzene	0.365	0.422	-15.6	109	0.00
58 RT	Tetrachloroethene	0.284	0.285	-0.4	103	0.00
59 Rt	Chlorobenzene	0.747	0.801	-7.2	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.293	0.301	-2.7	103	0.00
61 t	Pentachloroethane	0.237	0.242	-2.1	105	0.00
62 t	Hexachloroethane	0.241	0.260	-7.9	104	0.00
63 Rt	Ethyl Benzene	1.237	1.440	-16.4	101	0.00
64 RT	m/p-Xylenes	0.471	0.580	-23.1	103	0.00
65 RT	o-Xylene	0.434	0.520	-19.8	102	0.00
66 RT	Styrene	0.768	0.962	-25.3	103	0.00
67 t	Bromoform	0.167	0.173	-3.6	102	0.00
68 S	1,2-Dichlorobenzene-d4	0.381	0.404	-6.0	105	0.00
69 T	Isopropylbenzene	1.159	1.373	-18.5	102	0.00
70 T	1,1,2,2-Tetrachloroethane	0.351	0.366	-4.3	103	0.00
71 T	1,2,3-Trichloropropane	0.268	0.281	-4.9	94	0.00
72 t	Bromobenzene	0.302	0.329	-8.9	102	0.00
73 t	n-propylbenzene	0.331	0.403	-21.8	101	0.00
74 t	2-Chlorotoluene	0.301	0.339	-12.6	102	0.00
75 t	1,3,5-Trimethylbenzene	1.034	1.260	-21.9	103	0.00
76 t	4-Chlorotoluene	0.312	0.369	-18.3	103	0.00
77 t	tert-Butylbenzene	0.979	1.150	-17.5	104	0.00
78 t	1,2,4-Trimethylbenzene	1.060	1.322	-24.7	104	0.00
79 t	sec-Butylbenzene	1.360	1.639	-20.5	104	0.00
80	Nitrobenzene	0.017	0.018	-5.9	98	0.00
81 t	p-Isopropyltoluene	1.119	1.394	-24.6	104	0.00
82 t	1,3-Dichlorobenzene	0.659	0.701	-6.4	103	0.00
83 Rt	1,4-Dichlorobenzene	0.666	0.724	-8.7	106	0.00
84 t	n-Butylbenzene	1.138	1.410	-23.9	106	0.00
85 Rt	1,2-Dichlorobenzene	0.630	0.693	-10.0	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.066	0.068	-3.0	104	0.00
87 Rt	1,2,4-Trichlorobenzene	0.369	0.407	-10.3	100	0.00
88 t	Hexachlorobutadiene	0.207	0.229	-10.6	106	0.00
89 t	Naphthalene	0.714	0.887	-24.2	100	0.00
90 t	1,2,3-Trichlorobenzene	0.359	0.419	-16.7	101	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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