

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031121\
 Data File : VU042561.D
 Acq On : 11 Mar 2021 13:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 11 15:38:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 11 12:50:28 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.408	0.395	3.2	87	0.00
3 t	Chloromethane	0.359	0.358	0.3	91	0.00
4 Rt	Vinyl Chloride	0.351	0.346	1.4	89	0.00
5 T	Bromomethane	0.210	0.222	-5.7	97	0.00
6 T	Chloroethane	0.214	0.222	-3.7	93	0.00
7 T	Trichlorofluoromethane	0.578	0.589	-1.9	93	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.296	0.303	-2.4	91	0.00
9 Rt	1,1-Dichloroethene	0.256	0.262	-2.3	90	0.00
10 t	Iodomethane	0.409	0.436	-6.6	92	0.00
11 t	Allyl Chloride	0.487	0.491	-0.8	90	0.00
12 t	Acrylonitrile	0.063	0.070	-11.1	113	0.00
13 T	Acetone	0.041	0.046	-12.2	109	0.00
14 T	Carbon Disulfide	0.833	0.837	-0.5	90	0.00
15 RT	Methylene Chloride	0.298	0.287	3.7	91	0.00
16 RT	trans-1,2-Dichloroethene	0.274	0.282	-2.9	91	0.00
17 t	1,1-Dichloroethane	0.547	0.561	-2.6	93	0.00
18 T	2-Butanone	0.082	0.086	-4.9	99	0.00
19	Cyclohexane	0.502	0.451	10.2	81	0.00
20	Methylcyclohexane	0.445	0.484	-8.8	90	0.00
21 T	2,2-Dichloropropane	0.516	0.479	7.2	84	0.00
22 RT	cis-1,2-Dichloroethene	0.298	0.304	-2.0	90	0.00
23 t	Diethyl Ether	0.214	0.219	-2.3	91	0.00
24 t	tert-Butyl Alcohol	0.012	0.013	-8.3	97	0.00
25 t	Methyl tert-Butyl Ether	0.719	0.737	-2.5	91	0.00
26 t	Bromochloromethane	0.146	0.146	0.0	90	0.00
27 t	Chloroform	0.563	0.563	0.0	90	0.00
28 RT	1,1,1-Trichloroethane	0.519	0.509	1.9	86	0.00
29 T	1,1-Dichloropropene	0.385	0.423	-9.9	96	0.00
30 RT	Carbon Tetrachloride	0.437	0.466	-6.6	93	0.00
31 t	Isopropyl Ether	0.962	1.000	-4.0	93	0.00
32	Ethyl-t-butyl ether	0.854	0.814	4.7	85	0.00
33	Tert-Amyl methyl ether	0.686	0.719	-4.8	92	0.00
34 t	Propionitrile	0.018	0.024	-33.3#	114	0.00
35 RT	Benzene	1.076	1.159	-7.7	94	0.00
36 RT	1,2-Dichloroethane	0.413	0.433	-4.8	93	0.00
37 RT	Trichloroethene	0.307	0.312	-1.6	91	0.00
38 Rt	1,2-Dichloropropane	0.300	0.320	-6.7	94	0.00
39 t	Methacrylonitrile	0.123	0.121	1.6	85	0.00
40 t	Methyl acrylate	0.171	0.162	5.3	84	0.00
41 t	Tetrahydrofuran	0.058	0.057	1.7	96	0.00
42 t	1-Chlorobutane	0.573	0.615	-7.3	97	0.00
43 T	Dibromomethane	0.170	0.184	-8.2	92	0.00
44 T	Bromodichloromethane	0.396	0.428	-8.1	92	0.00
45 T	4-Methyl-2-Pentanone	0.249	0.267	-7.2	89	0.00
46 t	t-1,4-Dichloro-2-butene	0.081	0.092	-13.6	93	0.00
47 t	Methyl methacrylate	0.154	0.166	-7.8	89	0.00
48 t	Ethyl methacrylate	0.307	0.330	-7.5	89	0.00
49 Rt	Toluene	0.686	0.763	-11.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.375	0.410	-9.3	89	0.00
51 T	cis-1,3-Dichloropropene	0.409	0.438	-7.1	88	0.00
52 RT	1,1,2-Trichloroethane	0.224	0.242	-8.0	92	0.00
53 t	1,3-Dichloropropane	0.400	0.430	-7.5	94	0.00
54 t	2-Hexanone	0.180	0.196	-8.9	90	0.00
55 t	Dibromochloromethane	0.279	0.307	-10.0	91	0.00
56 T	1,2-Dibromoethane	0.231	0.240	-3.9	90	0.00
57 S	4-Bromofluorobenzene	0.441	0.523	-18.6	104	0.00
58 RT	Tetrachloroethene	0.302	0.313	-3.6	93	0.00
59 Rt	Chlorobenzene	0.754	0.813	-7.8	91	0.00
60 T	1,1,1,2-Tetrachloroethane	0.286	0.320	-11.9	93	0.00
61 t	Pentachloroethane	0.235	0.257	-9.4	90	0.00
62 t	Hexachloroethane	0.233	0.265	-13.7	90	0.00
63 Rt	Ethyl Benzene	1.322	1.493	-12.9	92	0.00
64 RT	m/p-Xylenes	0.502	0.582	-15.9	92	0.00
65 RT	o-Xylene	0.487	0.549	-12.7	91	0.00
66 RT	Styrene	0.833	0.974	-16.9	93	0.00
67 t	Bromoform	0.181	0.201	-11.0	88	0.00
68 S	1,2-Dichlorobenzene-d4	0.456	0.480	-5.3	93	0.00
69 T	Isopropylbenzene	1.330	1.525	-14.7	91	0.00
70 T	1,1,2,2-Tetrachloroethane	0.306	0.327	-6.9	90	0.00
71 T	1,2,3-Trichloropropane	0.249	0.281	-12.9	97	0.00
72 t	Bromobenzene	0.360	0.394	-9.4	90	0.00
73 t	n-propylbenzene	0.365	0.432	-18.4	93	0.00
74 t	2-Chlorotoluene	0.327	0.371	-13.5	91	0.00
75 t	1,3,5-Trimethylbenzene	1.185	1.378	-16.3	92	0.00
76 t	4-Chlorotoluene	0.344	0.401	-16.6	93	0.00
77 t	tert-Butylbenzene	1.181	1.332	-12.8	90	0.00
78 t	1,2,4-Trimethylbenzene	1.203	1.436	-19.4	94	0.00
79 t	sec-Butylbenzene	1.532	1.804	-17.8	93	0.00
80	Nitrobenzene	0.008	0.008	0.0	74	0.00
81 t	p-Isopropyltoluene	1.310	1.555	-18.7	93	0.00
82 t	1,3-Dichlorobenzene	0.703	0.796	-13.2	94	0.00
83 Rt	1,4-Dichlorobenzene	0.708	0.801	-13.1	93	0.00
84 t	n-Butylbenzene	1.210	1.502	-24.1	94	0.00
85 Rt	1,2-Dichlorobenzene	0.693	0.771	-11.3	92	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.065	-12.1	87	0.00
87 Rt	1,2,4-Trichlorobenzene	0.475	0.536	-12.8	87	0.00
88 t	Hexachlorobutadiene	0.309	0.339	-9.7	90	0.00
89 t	Naphthalene	0.793	0.906	-14.2	82	0.00
90 t	1,2,3-Trichlorobenzene	0.455	0.509	-11.9	87	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0