

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
 Data File : VU042709.D
 Acq On : 18 Mar 2021 15:01
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 19 02:29:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 07:25:09 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	97	0.00
2 T	Dichlorodifluoromethane	0.389	0.413	-6.2	104	0.00
3 t	Chloromethane	0.368	0.370	-0.5	103	0.00
4 Rt	Vinyl Chloride	0.355	0.364	-2.5	101	0.00
5 T	Bromomethane	0.234	0.188	19.7	75	0.00
6 T	Chloroethane	0.242	0.194	19.8	78	0.00
7 T	Trichlorofluoromethane	0.606	0.661	-9.1	106	-0.01
8	1,1,2-Trichloro-1,2,2-trifl	0.304	0.332	-9.2	107	0.00
9 Rt	1,1-Dichloroethene	0.263	0.281	-6.8	106	0.00
10 t	Iodomethane	0.414	0.468	-13.0	107	0.00
11 t	Allyl Chloride	0.503	0.542	-7.8	108	0.00
12 t	Acrylonitrile	0.076	0.086	-13.2	108	0.00
13 T	Acetone	0.059	0.069	-16.9	114	0.00
14 T	Carbon Disulfide	0.824	0.866	-5.1	104	0.00
15 RT	Methylene Chloride	0.319	0.323	-1.3	106	0.00
16 RT	trans-1,2-Dichloroethene	0.284	0.304	-7.0	108	0.00
17 t	1,1-Dichloroethane	0.583	0.623	-6.9	107	0.00
18 T	2-Butanone	0.109	0.117	-7.3	106	0.00
19	Cyclohexane	0.497	0.563	-13.3	113	0.00
20	Methylcyclohexane	0.431	0.486	-12.8	104	0.00
21 T	2,2-Dichloropropane	0.536	0.549	-2.4	103	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.338	-5.6	106	0.00
23 t	Diethyl Ether	0.223	0.249	-11.7	108	0.00
24 t	tert-Butyl Alcohol	0.016	0.015	6.3	76	0.00
25 t	Methyl tert-Butyl Ether	0.779	0.832	-6.8	108	0.00
26 t	Bromochloromethane	0.153	0.161	-5.2	103	0.00
27 t	Chloroform	0.608	0.649	-6.7	107	0.00
28 RT	1,1,1-Trichloroethane	0.552	0.597	-8.2	107	0.00
29 T	1,1-Dichloropropene	0.387	0.413	-6.7	103	0.00
30 RT	Carbon Tetrachloride	0.428	0.453	-5.8	101	0.00
31 t	Isopropyl Ether	1.042	1.118	-7.3	108	0.00
32	Ethyl-t-butyl ether	0.927	0.990	-6.8	106	0.00
33	Tert-Amyl methyl ether	0.674	0.733	-8.8	102	0.00
34 t	Propionitrile	0.024	0.031	-29.2	108	0.00
35 RT	Benzene	1.087	1.175	-8.1	106	0.00
36 RT	1,2-Dichloroethane	0.421	0.436	-3.6	104	0.00
37 RT	Trichloroethene	0.292	0.319	-9.2	105	0.00
38 Rt	1,2-Dichloropropane	0.312	0.336	-7.7	106	0.00
39 t	Methacrylonitrile	0.151	0.156	-3.3	103	0.00
40 t	Methyl acrylate	0.197	0.224	-13.7	102	0.00
41 t	Tetrahydrofuran	0.075	0.075	0.0	102	0.00
42 t	1-Chlorobutane	0.572	0.591	-3.3	104	0.00
43 T	Dibromomethane	0.171	0.186	-8.8	101	0.00
44 T	Bromodichloromethane	0.401	0.433	-8.0	103	0.00
45 T	4-Methyl-2-Pentanone	0.257	0.288	-12.1	102	0.00
46 t	t-1,4-Dichloro-2-butene	0.083	0.115	-38.6#	108	0.00
47 t	Methyl methacrylate	0.150	0.169	-12.7	102	0.00
48 t	Ethyl methacrylate	0.298	0.346	-16.1	104	0.00
49 Rt	Toluene	0.674	0.776	-15.1	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.360	0.411	-14.2	102	0.00
51 T	cis-1,3-Dichloropropene	0.402	0.446	-10.9	103	0.00
52 RT	1,1,2-Trichloroethane	0.236	0.251	-6.4	103	0.00
53 t	1,3-Dichloropropane	0.407	0.438	-7.6	103	0.00
54 t	2-Hexanone	0.183	0.209	-14.2	101	0.00
55 t	Dibromochloromethane	0.281	0.312	-11.0	103	0.00
56 T	1,2-Dibromoethane	0.235	0.247	-5.1	101	0.00
57 S	4-Bromofluorobenzene	0.445	0.466	-4.7	92	0.00
58 RT	Tetrachloroethene	0.317	0.335	-5.7	103	0.00
59 Rt	Chlorobenzene	0.761	0.854	-12.2	105	0.00
60 T	1,1,1,2-Tetrachloroethane	0.298	0.330	-10.7	101	0.00
61 t	Pentachloroethane	0.229	0.273	-19.2	109	0.00
62 t	Hexachloroethane	0.237	0.288	-21.5	106	0.00
63 Rt	Ethyl Benzene	1.293	1.550	-19.9	105	0.00
64 RT	m/p-Xylenes	0.498	0.611	-22.7	106	0.00
65 RT	o-Xylene	0.482	0.582	-20.7	106	0.00
66 RT	Styrene	0.825	1.045	-26.7	107	0.00
67 t	Bromoform	0.183	0.205	-12.0	99	0.00
68 S	1,2-Dichlorobenzene-d4	0.471	0.536	-13.8	103	0.00
69 T	Isopropylbenzene	1.311	1.615	-23.2	107	0.00
70 T	1,1,2,2-Tetrachloroethane	0.312	0.356	-14.1	105	0.00
71 T	1,2,3-Trichloropropane	0.246	0.237	3.7	87	0.00
72 t	Bromobenzene	0.368	0.426	-15.8	106	0.00
73 t	n-propylbenzene	0.368	0.458	-24.5	106	0.00
74 t	2-Chlorotoluene	0.334	0.410	-22.8	108	0.00
75 t	1,3,5-Trimethylbenzene	1.174	1.480	-26.1	105	0.00
76 t	4-Chlorotoluene	0.354	0.430	-21.5	104	0.00
77 t	tert-Butylbenzene	1.167	1.445	-23.8	107	0.00
78 t	1,2,4-Trimethylbenzene	1.212	1.537	-26.8	106	0.00
79 t	sec-Butylbenzene	1.573	1.946	-23.7	106	0.00
80	Nitrobenzene	0.008	0.009	-12.5	91	0.00
81 t	p-Isopropyltoluene	1.324	1.672	-26.3	106	0.00
82 t	1,3-Dichlorobenzene	0.735	0.861	-17.1	105	0.00
83 Rt	1,4-Dichlorobenzene	0.739	0.880	-19.1	106	0.00
84 t	n-Butylbenzene	1.270	1.618	-27.4	105	0.00
85 Rt	1,2-Dichlorobenzene	0.722	0.853	-18.1	106	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.068	-17.2	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.484	0.567	-17.1	101	0.00
88 t	Hexachlorobutadiene	0.325	0.371	-14.2	102	0.00
89 t	Naphthalene	0.791	0.947	-19.7	101	0.00
90 t	1,2,3-Trichlorobenzene	0.460	0.542	-17.8	101	0.00

(#) = Out of Range

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