

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050420\
 Data File : VU038007.D
 Acq On : 04 May 2020 18:11
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: May 05 03:10:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 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	98	0.00
2 T	Dichlorodifluoromethane	0.339	0.339	0.0	99	0.00
3 t	Chloromethane	0.402	0.374	7.0	96	0.00
4 Rt	Vinyl Chloride	0.400	0.402	-0.5	100	0.00
5 T	Bromomethane	0.240	0.192	20.0	96	0.00
6 T	Chloroethane	0.239	0.235	1.7	98	0.00
7 T	Trichlorofluoromethane	0.417	0.427	-2.4	102	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.260	0.263	-1.2	101	0.00
9 Rt	1,1-Dichloroethene	0.261	0.259	0.8	101	0.00
10 t	Iodomethane	0.160	0.212	-32.5#	91	0.00
11 t	Allyl Chloride	0.485	0.481	0.8	99	0.00
12 t	Acrylonitrile	0.071	0.069	2.8	96	0.00
13 T	Acetone	0.057	0.047	17.5	86	0.00
14 T	Carbon Disulfide	0.954	0.929	2.6	99	0.00
15 RT	Methylene Chloride	0.361	0.302	16.3	99	0.00
16 RT	trans-1,2-Dichloroethene	0.286	0.287	-0.3	101	0.00
17 t	1,1-Dichloroethane	0.542	0.543	-0.2	102	0.00
18 T	2-Butanone	0.086	0.083	3.5	98	0.00
19	Cyclohexane	0.526	0.518	1.5	99	0.00
20	Methylcyclohexane	0.515	0.530	-2.9	100	0.00
21 T	2,2-Dichloropropane	0.453	0.413	8.8	92	0.00
22 RT	cis-1,2-Dichloroethene	0.302	0.302	0.0	100	0.00
23 t	Diethyl Ether	0.229	0.228	0.4	100	0.00
24 t	tert-Butyl Alcohol	0.025	0.023	8.0	98	0.00
25 t	Methyl tert-Butyl Ether	0.716	0.706	1.4	100	0.00
26 t	Bromochloromethane	0.122	0.119	2.5	99	0.00
27 t	Chloroform	0.508	0.505	0.6	101	0.00
28 RT	1,1,1-Trichloroethane	0.419	0.428	-2.1	102	0.00
29 T	1,1-Dichloropropene	0.422	0.419	0.7	100	0.00
30 RT	Carbon Tetrachloride	0.351	0.360	-2.6	102	0.00
31 t	Isopropyl Ether	0.892	0.902	-1.1	101	0.00
32	Ethyl-t-butyl ether	0.806	0.786	2.5	97	0.00
33	Tert-Amyl methyl ether	0.694	0.674	2.9	97	0.00
34 t	Propionitrile	0.025	0.024	4.0	99	0.00
35 RT	Benzene	1.180	1.185	-0.4	101	0.00
36 RT	1,2-Dichloroethane	0.349	0.344	1.4	100	0.00
37 RT	Trichloroethene	0.310	0.307	1.0	102	0.00
38 Rt	1,2-Dichloropropane	0.317	0.317	0.0	102	0.00
39 t	Methacrylonitrile	0.115	0.110	4.3	101	0.00
40 t	Methyl acrylate	0.169	0.168	0.6	101	0.00
41 t	Tetrahydrofuran	0.057	0.053	7.0	100	0.00
42 t	1-Chlorobutane	0.607	0.615	-1.3	101	0.00
43 T	Dibromomethane	0.148	0.145	2.0	101	0.00
44 T	Bromodichloromethane	0.371	0.379	-2.2	102	0.00
45 T	4-Methyl-2-Pentanone	0.202	0.198	2.0	99	0.00
46 t	t-1,4-Dichloro-2-butene	0.062	0.049	21.0	71	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.150	0.153	-2.0	101	0.00
48 t	Ethyl methacrylate	0.278	0.283	-1.8	98	0.00
49 Rt	Toluene	0.746	0.759	-1.7	101	0.00
50 T	t-1,3-Dichloropropene	0.380	0.374	1.6	96	0.00
51 T	cis-1,3-Dichloropropene	0.456	0.454	0.4	98	0.00
52 RT	1,1,2-Trichloroethane	0.209	0.208	0.5	101	0.00
53 t	1,3-Dichloropropane	0.393	0.394	-0.3	101	0.00
54 t	2-Hexanone	0.142	0.137	3.5	97	0.00
55 t	Dibromochloromethane	0.232	0.236	-1.7	100	0.00
56 T	1,2-Dibromoethane	0.198	0.192	3.0	98	0.00
57 S	4-Bromofluorobenzene	0.388	0.380	2.1	95	0.00
58 RT	Tetrachloroethene	0.289	0.296	-2.4	102	0.00
59 Rt	Chlorobenzene	0.792	0.803	-1.4	101	0.00
60 T	1,1,1,2-Tetrachloroethane	0.240	0.246	-2.5	100	0.00
61 t	Pentachloroethane	0.180	0.182	-1.1	97	0.00
62 t	Hexachloroethane	0.187	0.177	5.3	93	0.00
63 Rt	Ethyl Benzene	1.409	1.441	-2.3	100	0.00
64 RT	m/p-Xylenes	0.542	0.559	-3.1	100	0.00
65 RT	o-Xylene	0.529	0.537	-1.5	100	0.00
66 RT	Styrene	0.871	0.910	-4.5	101	0.00
67 t	Bromoform	0.122	0.123	-0.8	97	0.00
68 S	1,2-Dichlorobenzene-d4	0.376	0.375	0.3	100	0.00
69 T	Isopropylbenzene	1.380	1.414	-2.5	100	0.00
70 T	1,1,2,2-Tetrachloroethane	0.268	0.267	0.4	100	0.00
71 T	1,2,3-Trichloropropane	0.198	0.204	-3.0	99	0.00
72 t	Bromobenzene	0.308	0.312	-1.3	99	0.00
73 t	n-propylbenzene	0.379	0.394	-4.0	100	0.00
74 t	2-Chlorotoluene	0.318	0.324	-1.9	101	0.00
75 t	1,3,5-Trimethylbenzene	1.143	1.178	-3.1	100	0.00
76 t	4-Chlorotoluene	0.330	0.342	-3.6	102	0.00
77 t	tert-Butylbenzene	1.088	1.118	-2.8	100	0.00
78 t	1,2,4-Trimethylbenzene	1.176	1.216	-3.4	100	0.00
79 t	sec-Butylbenzene	1.558	1.586	-1.8	99	0.00
80	Nitrobenzene	0.008	0.007	12.5	84	0.00
81 t	p-Isopropyltoluene	1.257	1.306	-3.9	100	0.00
82 t	1,3-Dichlorobenzene	0.638	0.640	-0.3	100	0.00
83 Rt	1,4-Dichlorobenzene	0.646	0.642	0.6	100	0.00
84 t	n-Butylbenzene	1.255	1.293	-3.0	98	0.00
85 Rt	1,2-Dichlorobenzene	0.594	0.594	0.0	101	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.042	0.039	7.1	94	0.00
87 Rt	1,2,4-Trichlorobenzene	0.434	0.424	2.3	98	0.00
88 t	Hexachlorobutadiene	0.194	0.193	0.5	97	0.00
89 t	Naphthalene	0.836	0.830	0.7	98	0.00
90 t	1,2,3-Trichlorobenzene	0.387	0.385	0.5	99	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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