

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050520\
 Data File : VU038015.D
 Acq On : 05 May 2020 14:15
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: May 06 01:21:25 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	99	0.00
2 T	Dichlorodifluoromethane	0.339	0.327	3.5	97	0.00
3 t	Chloromethane	0.402	0.371	7.7	97	0.00
4 Rt	Vinyl Chloride	0.400	0.386	3.5	97	0.00
5 T	Bromomethane	0.240	0.193	19.6	98	0.00
6 T	Chloroethane	0.239	0.229	4.2	97	0.00
7 T	Trichlorofluoromethane	0.417	0.407	2.4	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.260	0.254	2.3	99	0.00
9 Rt	1,1-Dichloroethene	0.261	0.251	3.8	100	0.00
10 t	Iodomethane	0.160	0.233	-45.6#	101	0.00
11 t	Allyl Chloride	0.485	0.470	3.1	98	0.00
12 t	Acrylonitrile	0.071	0.066	7.0	93	0.00
13 T	Acetone	0.057	0.055	3.5	101	0.00
14 T	Carbon Disulfide	0.954	0.898	5.9	97	0.00
15 RT	Methylene Chloride	0.361	0.314	13.0	105	0.00
16 RT	trans-1,2-Dichloroethene	0.286	0.277	3.1	99	0.00
17 t	1,1-Dichloroethane	0.542	0.522	3.7	99	0.00
18 T	2-Butanone	0.086	0.081	5.8	97	0.00
19	Cyclohexane	0.526	0.507	3.6	98	0.00
20	Methylcyclohexane	0.515	0.515	0.0	99	0.00
21 T	2,2-Dichloropropane	0.453	0.442	2.4	99	0.00
22 RT	cis-1,2-Dichloroethene	0.302	0.301	0.3	101	0.00
23 t	Diethyl Ether	0.229	0.227	0.9	101	0.00
24 t	tert-Butyl Alcohol	0.025	0.020	20.0	87	0.00
25 t	Methyl tert-Butyl Ether	0.716	0.685	4.3	98	0.00
26 t	Bromochloromethane	0.122	0.116	4.9	98	0.00
27 t	Chloroform	0.508	0.491	3.3	100	0.00
28 RT	1,1,1-Trichloroethane	0.419	0.412	1.7	99	0.00
29 T	1,1-Dichloropropene	0.422	0.408	3.3	98	0.00
30 RT	Carbon Tetrachloride	0.351	0.337	4.0	96	0.00
31 t	Isopropyl Ether	0.892	0.863	3.3	98	0.00
32	Ethyl-t-butyl ether	0.806	0.763	5.3	95	0.00
33	Tert-Amyl methyl ether	0.694	0.657	5.3	96	0.00
34 t	Propionitrile	0.025	0.021	16.0	91	0.00
35 RT	Benzene	1.180	1.150	2.5	100	0.00
36 RT	1,2-Dichloroethane	0.349	0.337	3.4	99	0.00
37 RT	Trichloroethene	0.310	0.288	7.1	97	0.00
38 Rt	1,2-Dichloropropane	0.317	0.308	2.8	100	0.00
39 t	Methacrylonitrile	0.115	0.105	8.7	97	0.00
40 t	Methyl acrylate	0.169	0.162	4.1	98	0.00
41 t	Tetrahydrofuran	0.057	0.050	12.3	96	0.00
42 t	1-Chlorobutane	0.607	0.595	2.0	99	0.00
43 T	Dibromomethane	0.148	0.141	4.7	100	0.00
44 T	Bromodichloromethane	0.371	0.370	0.3	101	0.00
45 T	4-Methyl-2-Pentanone	0.202	0.190	5.9	96	0.00
46 t	t-1,4-Dichloro-2-butene	0.062	0.051	17.7	74	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.150	0.144	4.0	96	0.00
48 t	Ethyl methacrylate	0.278	0.270	2.9	95	0.00
49 Rt	Toluene	0.746	0.738	1.1	100	0.00
50 T	t-1,3-Dichloropropene	0.380	0.365	3.9	95	0.00
51 T	cis-1,3-Dichloropropene	0.456	0.444	2.6	97	0.00
52 RT	1,1,2-Trichloroethane	0.209	0.198	5.3	97	0.00
53 t	1,3-Dichloropropane	0.393	0.381	3.1	99	0.00
54 t	2-Hexanone	0.142	0.132	7.0	94	0.00
55 t	Dibromochloromethane	0.232	0.225	3.0	96	0.00
56 T	1,2-Dibromoethane	0.198	0.185	6.6	96	0.00
57 S	4-Bromofluorobenzene	0.388	0.371	4.4	94	0.00
58 RT	Tetrachloroethene	0.289	0.278	3.8	97	0.00
59 Rt	Chlorobenzene	0.792	0.768	3.0	98	0.00
60 T	1,1,1,2-Tetrachloroethane	0.240	0.232	3.3	96	0.00
61 t	Pentachloroethane	0.180	0.174	3.3	94	0.00
62 t	Hexachloroethane	0.187	0.170	9.1	91	0.00
63 Rt	Ethyl Benzene	1.409	1.396	0.9	98	0.00
64 RT	m/p-Xylenes	0.542	0.544	-0.4	99	0.00
65 RT	o-Xylene	0.529	0.524	0.9	99	0.00
66 RT	Styrene	0.871	0.881	-1.1	98	0.00
67 t	Bromoform	0.122	0.117	4.1	94	0.00
68 S	1,2-Dichlorobenzene-d4	0.376	0.354	5.9	96	0.00
69 T	Isopropylbenzene	1.380	1.368	0.9	98	0.00
70 T	1,1,2,2-Tetrachloroethane	0.268	0.257	4.1	97	0.00
71 T	1,2,3-Trichloropropane	0.198	0.189	4.5	92	0.00
72 t	Bromobenzene	0.308	0.296	3.9	95	0.00
73 t	n-propylbenzene	0.379	0.374	1.3	96	0.00
74 t	2-Chlorotoluene	0.318	0.312	1.9	98	0.00
75 t	1,3,5-Trimethylbenzene	1.143	1.145	-0.2	98	0.00
76 t	4-Chlorotoluene	0.330	0.323	2.1	97	0.00
77 t	tert-Butylbenzene	1.088	1.066	2.0	97	0.00
78 t	1,2,4-Trimethylbenzene	1.176	1.174	0.2	98	0.00
79 t	sec-Butylbenzene	1.558	1.549	0.6	98	0.00
80	Nitrobenzene	0.008	0.006	25.0	80	0.00
81 t	p-Isopropyltoluene	1.257	1.256	0.1	97	0.00
82 t	1,3-Dichlorobenzene	0.638	0.612	4.1	97	0.00
83 Rt	1,4-Dichlorobenzene	0.646	0.609	5.7	96	0.00
84 t	n-Butylbenzene	1.255	1.282	-2.2	98	0.00
85 Rt	1,2-Dichlorobenzene	0.594	0.570	4.0	98	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.042	0.038	9.5	94	0.00
87 Rt	1,2,4-Trichlorobenzene	0.434	0.406	6.5	95	0.00
88 t	Hexachlorobutadiene	0.194	0.173	10.8	88	0.00
89 t	Naphthalene	0.836	0.787	5.9	94	0.00
90 t	1,2,3-Trichlorobenzene	0.387	0.362	6.5	94	0.00

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