

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050420\
 Data File : VU038002.D
 Acq On : 04 May 2020 14:34
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Quant Time: May 05 02:31:05 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	103	0.00
2 T	Dichlorodifluoromethane	0.339	0.214	36.9#	66	0.00
3 t	Chloromethane	0.402	0.317	21.1	86	0.00
4 Rt	Vinyl Chloride	0.400	0.343	14.2	90	0.00
5 T	Bromomethane	0.240	0.187	22.1	99	0.00
6 T	Chloroethane	0.239	0.213	10.9	94	0.00
7 T	Trichlorofluoromethane	0.417	0.394	5.5	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.260	0.248	4.6	100	0.00
9 Rt	1,1-Dichloroethene	0.261	0.256	1.9	105	0.00
10 t	Iodomethane	0.160	0.204	-27.5	92	0.00
11 t	Allyl Chloride	0.485	0.494	-1.9	107	0.00
12 t	Acrylonitrile	0.071	0.174	-145.1#	256#	0.00
13 T	Acetone	0.057	0.069	-21.1	132	0.00
14 T	Carbon Disulfide	0.954	0.875	8.3	98	0.00
15 RT	Methylene Chloride	0.361	0.294	18.6	102	0.00
16 RT	trans-1,2-Dichloroethene	0.286	0.283	1.0	105	0.00
17 t	1,1-Dichloroethane	0.542	0.534	1.5	105	0.00
18 T	2-Butanone	0.086	0.091	-5.8	114	0.00
19	Cyclohexane	0.526	0.497	5.5	100	0.00
20	Methylcyclohexane	0.515	0.518	-0.6	103	0.00
21 T	2,2-Dichloropropane	0.453	0.445	1.8	104	0.00
22 RT	cis-1,2-Dichloroethene	0.302	0.315	-4.3	110	0.00
23 t	Diethyl Ether	0.229	0.212	7.4	98	0.00
24 t	tert-Butyl Alcohol	0.025	0.012	52.0#	52	0.00
25 t	Methyl tert-Butyl Ether	0.716	0.692	3.4	103	0.00
26 t	Bromochloromethane	0.122	0.099	18.9	87	0.00
27 t	Chloroform	0.508	0.507	0.2	107	0.00
28 RT	1,1,1-Trichloroethane	0.419	0.420	-0.2	105	0.00
29 T	1,1-Dichloropropene	0.422	0.417	1.2	104	0.00
30 RT	Carbon Tetrachloride	0.351	0.355	-1.1	105	0.00
31 t	Isopropyl Ether	0.892	0.927	-3.9	109	0.00
32	Ethyl-t-butyl ether	0.806	0.000	100.0#	0#	-4.55#
33	Tert-Amyl methyl ether	0.694	0.000	100.0#	0#	-5.98#
34 t	Propionitrile	0.025	0.048	-92.0#	212#	0.00
35 RT	Benzene	1.180	1.181	-0.1	106	0.00
36 RT	1,2-Dichloroethane	0.349	0.349	0.0	107	0.00
37 RT	Trichloroethene	0.310	0.306	1.3	107	0.00
38 Rt	1,2-Dichloropropane	0.317	0.313	1.3	106	0.00
39 t	Methacrylonitrile	0.115	0.108	6.1	105	0.00
40 t	Methyl acrylate	0.169	0.171	-1.2	107	0.00
41 t	Tetrahydrofuran	0.057	0.135	-136.8#	267#	0.00
42 t	1-Chlorobutane	0.607	0.594	2.1	103	0.00
43 T	Dibromomethane	0.148	0.146	1.4	107	0.00
44 T	Bromodichloromethane	0.371	0.381	-2.7	107	0.00
45 T	4-Methyl-2-Pentanone	0.202	0.201	0.5	105	0.00
46 t	t-1,4-Dichloro-2-butene	0.062	0.044	29.0	67	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.150	0.075	50.0#	52	0.00
48 t	Ethyl methacrylate	0.278	0.300	-7.9	109	0.00
49 Rt	Toluene	0.746	0.763	-2.3	107	0.00
50 T	t-1,3-Dichloropropene	0.380	0.401	-5.5	109	0.00
51 T	cis-1,3-Dichloropropene	0.456	0.485	-6.4	110	0.00
52 RT	1,1,2-Trichloroethane	0.209	0.212	-1.4	108	0.00
53 t	1,3-Dichloropropane	0.393	0.395	-0.5	106	0.00
54 t	2-Hexanone	0.142	0.150	-5.6	112	0.00
55 t	Dibromochloromethane	0.232	0.245	-5.6	109	0.00
56 T	1,2-Dibromoethane	0.198	0.196	1.0	106	0.00
57 S	4-Bromofluorobenzene	0.388	0.392	-1.0	104	0.00
58 RT	Tetrachloroethene	0.289	0.306	-5.9	111	0.00
59 Rt	Chlorobenzene	0.792	0.788	0.5	105	0.00
60 T	1,1,1,2-Tetrachloroethane	0.240	0.250	-4.2	107	0.00
61 t	Pentachloroethane	0.180	0.187	-3.9	106	0.00
62 t	Hexachloroethane	0.187	0.185	1.1	102	0.00
63 Rt	Ethyl Benzene	1.409	1.492	-5.9	109	0.00
64 RT	m/p-Xylenes	0.542	0.576	-6.3	109	0.00
65 RT	o-Xylene	0.529	0.546	-3.2	107	0.00
66 RT	Styrene	0.871	0.940	-7.9	109	0.00
67 t	Bromoform	0.122	0.131	-7.4	109	0.00
68 S	1,2-Dichlorobenzene-d4	0.376	0.387	-2.9	108	0.00
69 T	Isopropylbenzene	1.380	1.457	-5.6	108	0.00
70 T	1,1,2,2-Tetrachloroethane	0.268	0.272	-1.5	106	0.00
71 T	1,2,3-Trichloropropane	0.198	0.163	17.7	83	0.00
72 t	Bromobenzene	0.308	0.329	-6.8	110	0.00
73 t	n-propylbenzene	0.379	0.399	-5.3	106	0.00
74 t	2-Chlorotoluene	0.318	0.330	-3.8	108	0.00
75 t	1,3,5-Trimethylbenzene	1.143	1.237	-8.2	110	0.00
76 t	4-Chlorotoluene	0.330	0.353	-7.0	110	0.00
77 t	tert-Butylbenzene	1.088	1.131	-4.0	107	0.00
78 t	1,2,4-Trimethylbenzene	1.176	1.252	-6.5	109	0.00
79 t	sec-Butylbenzene	1.558	1.518	2.6	100	0.00
80	Nitrobenzene	0.008	0.001	87.5#	18#	0.00
81 t	p-Isopropyltoluene	1.257	1.361	-8.3	109	0.00
82 t	1,3-Dichlorobenzene	0.638	0.647	-1.4	107	0.00
83 Rt	1,4-Dichlorobenzene	0.646	0.657	-1.7	108	0.00
84 t	n-Butylbenzene	1.255	1.396	-11.2	111	0.00
85 Rt	1,2-Dichlorobenzene	0.594	0.601	-1.2	107	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.042	0.042	0.0	108	0.00
87 Rt	1,2,4-Trichlorobenzene	0.434	0.461	-6.2	113	0.00
88 t	Hexachlorobutadiene	0.194	0.213	-9.8	113	0.00
89 t	Naphthalene	0.836	0.893	-6.8	111	0.00
90 t	1,2,3-Trichlorobenzene	0.387	0.417	-7.8	113	0.00

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