

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072518\
 Data File : VU025632.D
 Acq On : 25 Jul 2018 12:14
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

Quant Time: Jul 26 03:29:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 12:16:36 2018
 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	107	0.00
2 T	Dichlorodifluoromethane	0.357	0.236	33.9#	71	0.00
3 t	Chloromethane	0.337	0.270	19.9	85	0.00
4 Rt	Vinyl Chloride	0.312	0.279	10.6	95	0.00
5 T	Bromomethane	0.152	0.145	4.6	107	0.00
6 T	Chloroethane	0.187	0.169	9.6	98	0.00
7 T	Trichlorofluoromethane	0.455	0.425	6.6	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.250	0.243	2.8	104	0.00
9 Rt	1,1-Dichloroethene	0.220	0.226	-2.7	111	0.00
10 t	Iodomethane	0.151	0.206	-36.4#	109	0.00
11 t	Allyl Chloride	0.369	0.378	-2.4	107	0.00
12 t	Acrylonitrile	0.049	0.116	-136.7#	267#	0.00
13 T	Acetone	0.042	0.077	-83.3#	204#	0.00
14 T	Carbon Disulfide	0.754	0.717	4.9	103	0.00
15 RT	Methylene Chloride	0.263	0.242	8.0	104	0.00
16 RT	trans-1,2-Dichloroethene	0.247	0.247	0.0	108	0.00
17 t	1,1-Dichloroethane	0.490	0.504	-2.9	107	0.00
18 T	2-Butanone	0.073	0.096	-31.5#	135	0.00
19	Cyclohexane	0.378	0.394	-4.2	106	0.00
20	Methylcyclohexane	0.464	0.491	-5.8	108	0.00
21 T	2,2-Dichloropropane	0.467	0.485	-3.9	115	0.00
22 RT	cis-1,2-Dichloroethene	0.311	0.307	1.3	106	0.00
23 t	Diethyl Ether	0.167	0.163	2.4	103	0.00
24 t	tert-Butyl Alcohol	0.020	0.009	55.0#	52	0.00
25 t	Methyl tert-Butyl Ether	0.596	0.582	2.3	106	0.00
26 t	Bromochloromethane	0.137	0.130	5.1	103	0.00
27 t	Chloroform	0.539	0.531	1.5	106	0.00
28 RT	1,1,1-Trichloroethane	0.486	0.491	-1.0	108	0.00
29 T	1,1-Dichloropropene	0.399	0.413	-3.5	107	0.00
30 RT	Carbon Tetrachloride	0.441	0.448	-1.6	105	0.00
31 t	Isopropyl Ether	0.785	0.825	-5.1	111	0.00
32	Ethyl-t-butyl ether	0.746	0.010	98.7#	1#	0.14
33	Tert-Amyl methyl ether	0.659	0.000	100.0#	0#	-5.59#
34 t	Propionitrile	0.020	0.041	-105.0#	213#	0.00
35 RT	Benzene	1.114	1.122	-0.7	105	0.00
36 RT	1,2-Dichloroethane	0.342	0.345	-0.9	106	0.00
37 RT	Trichloroethene	0.328	0.325	0.9	107	0.00
38 Rt	1,2-Dichloropropane	0.289	0.293	-1.4	106	0.00
39 t	Methacrylonitrile	0.094	0.094	0.0	104	0.00
40 t	Methyl acrylate	0.142	0.145	-2.1	107	0.00
41 t	Tetrahydrofuran	0.055	0.118	-114.5#	255#	0.00
42 t	1-Chlorobutane	0.543	0.550	-1.3	105	0.00
43 T	Dibromomethane	0.151	0.152	-0.7	104	0.00
44 T	Bromodichloromethane	0.382	0.390	-2.1	106	0.00
45 T	4-Methyl-2-Pentanone	0.168	0.174	-3.6	106	0.00
46 t	t-1,4-Dichloro-2-butene	0.057	0.025	56.1#	42	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.126	0.068	46.0#	54	0.00
48 t	Ethyl methacrylate	0.254	0.261	-2.8	103	0.00
49 Rt	Toluene	0.681	0.713	-4.7	107	0.00
50 T	t-1,3-Dichloropropene	0.345	0.379	-9.9	113	0.00
51 T	cis-1,3-Dichloropropene	0.414	0.436	-5.3	108	0.00
52 RT	1,1,2-Trichloroethane	0.202	0.209	-3.5	107	0.00
53 t	1,3-Dichloropropane	0.342	0.356	-4.1	107	0.00
54 t	2-Hexanone	0.119	0.148	-24.4	126	0.00
55 t	Dibromochloromethane	0.257	0.266	-3.5	107	0.00
56 T	1,2-Dibromoethane	0.196	0.204	-4.1	108	0.00
57 S	4-Bromofluorobenzene	0.371	0.403	-8.6	110	0.00
58 RT	Tetrachloroethene	0.295	0.307	-4.1	108	0.00
59 Rt	Chlorobenzene	0.783	0.821	-4.9	109	0.00
60 T	1,1,1,2-Tetrachloroethane	0.291	0.302	-3.8	108	0.00
61 t	Pentachloroethane	0.222	0.239	-7.7	107	0.00
62 t	Hexachloroethane	0.227	0.237	-4.4	104	0.00
63 Rt	Ethyl Benzene	1.302	1.418	-8.9	109	0.00
64 RT	m/p-Xylenes	0.512	0.560	-9.4	108	0.00
65 RT	o-Xylene	0.488	0.535	-9.6	109	0.00
66 RT	Styrene	0.828	0.890	-7.5	106	0.00
67 t	Bromoform	0.152	0.154	-1.3	106	0.00
68 S	1,2-Dichlorobenzene-d4	0.412	0.412	0.0	103	0.00
69 T	Isopropylbenzene	1.318	1.472	-11.7	112	0.00
70 T	1,1,2,2-Tetrachloroethane	0.254	0.255	-0.4	104	0.00
71 T	1,2,3-Trichloropropane	0.198	0.203	-2.5	105	0.00
72 t	Bromobenzene	0.342	0.367	-7.3	110	0.00
73 t	n-propylbenzene	0.371	0.422	-13.7	110	0.00
74 t	2-Chlorotoluene	0.327	0.355	-8.6	107	0.00
75 t	1,3,5-Trimethylbenzene	1.151	1.288	-11.9	109	0.00
76 t	4-Chlorotoluene	0.344	0.377	-9.6	108	0.00
77 t	tert-Butylbenzene	1.135	1.238	-9.1	108	0.00
78 t	1,2,4-Trimethylbenzene	1.175	1.321	-12.4	109	0.00
79 t	sec-Butylbenzene	1.491	1.588	-6.5	104	0.00
80	Nitrobenzene	0.008	0.002	75.0#	28	0.00
81 t	p-Isopropyltoluene	1.265	1.439	-13.8	109	0.00
82 t	1,3-Dichlorobenzene	0.704	0.738	-4.8	107	0.00
83 Rt	1,4-Dichlorobenzene	0.686	0.744	-8.5	108	0.00
84 t	n-Butylbenzene	1.187	1.365	-15.0	111	0.00
85 Rt	1,2-Dichlorobenzene	0.643	0.669	-4.0	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.042	0.045	-7.1	106	0.00
87 Rt	1,2,4-Trichlorobenzene	0.448	0.533	-19.0	114	0.00
88 t	Hexachlorobutadiene	0.275	0.300	-9.1	110	0.00
89 t	Naphthalene	0.726	0.878	-20.9	113	0.00
90 t	1,2,3-Trichlorobenzene	0.409	0.477	-16.6	113	0.00

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