

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
 Data File : VU026205.D
 Acq On : 20 Aug 2018 13:36
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082018

Quant Time: Aug 21 08:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 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	100	0.00
2 T	Dichlorodifluoromethane	0.389	0.280	28.0	75	0.00
3 t	Chloromethane	0.332	0.290	12.7	92	0.00
4 Rt	Vinyl Chloride	0.332	0.305	8.1	95	0.00
5 T	Bromomethane	0.183	0.188	-2.7	105	0.00
6 T	Chloroethane	0.199	0.178	10.6	95	0.00
7 T	Trichlorofluoromethane	0.491	0.458	6.7	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.272	0.253	7.0	96	0.00
9 Rt	1,1-Dichloroethene	0.232	0.232	0.0	105	0.00
10 t	Iodomethane	0.326	0.397	-21.8	109	0.00
11 t	Allyl Chloride	0.391	0.391	0.0	103	0.00
12 t	Acrylonitrile	0.053	0.126	-137.7#	259#	0.00
13 T	Acetone	0.049	0.076	-55.1#	181	0.00
14 T	Carbon Disulfide	0.803	0.787	2.0	103	0.00
15 RT	Methylene Chloride	0.305	0.254	16.7	103	0.00
16 RT	trans-1,2-Dichloroethene	0.269	0.261	3.0	105	0.00
17 t	1,1-Dichloroethane	0.492	0.478	2.8	102	0.00
18 T	2-Butanone	0.075	0.109	-45.3#	146	0.00
19	Cyclohexane	0.361	0.398	-10.2	103	0.00
20	Methylcyclohexane	0.423	0.478	-13.0	103	0.00
21 T	2,2-Dichloropropane	0.505	0.495	2.0	101	0.00
22 RT	cis-1,2-Dichloroethene	0.326	0.321	1.5	100	0.00
23 t	Diethyl Ether	0.178	0.172	3.4	101	0.00
24 t	tert-Butyl Alcohol	0.018	0.008	55.6#	50	0.00
25 t	Methyl tert-Butyl Ether	0.605	0.602	0.5	103	0.00
26 t	Bromochloromethane	0.146	0.141	3.4	97	0.00
27 t	Chloroform	0.569	0.552	3.0	101	0.00
28 RT	1,1,1-Trichloroethane	0.505	0.514	-1.8	103	0.00
29 T	1,1-Dichloropropene	0.399	0.420	-5.3	101	0.00
30 RT	Carbon Tetrachloride	0.477	0.480	-0.6	102	0.00
31 t	Isopropyl Ether	0.810	0.863	-6.5	108	0.00
32	Ethyl-t-butyl ether	0.710	0.000	100.0#	0#	-4.08#
33	Tert-Amyl methyl ether	0.606	0.000	100.0#	0#	-5.59#
34 t	Propionitrile	0.021	0.044	-109.5#	210#	0.00
35 RT	Benzene	1.152	1.191	-3.4	104	0.00
36 RT	1,2-Dichloroethane	0.357	0.355	0.6	102	0.00
37 RT	Trichloroethene	0.324	0.326	-0.6	103	0.00
38 Rt	1,2-Dichloropropane	0.298	0.304	-2.0	102	0.00
39 t	Methacrylonitrile	0.091	0.095	-4.4	102	0.00
40 t	Methyl acrylate	0.137	0.146	-6.6	104	0.00
41 t	Tetrahydrofuran	0.050	0.121	-142.0#	266#	0.00
42 t	1-Chlorobutane	0.539	0.577	-7.1	102	0.00
43 T	Dibromomethane	0.159	0.156	1.9	100	0.00
44 T	Bromodichloromethane	0.409	0.411	-0.5	103	0.00
45 T	4-Methyl-2-Pentanone	0.161	0.221	-37.3#	129	0.00
46 t	t-1,4-Dichloro-2-butene	0.074	0.042	43.2#	52	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.121	0.068	43.8#	50	0.00
48 t	Ethyl methacrylate	0.222	0.259	-16.7	103	0.00
49 Rt	Toluene	0.658	0.755	-14.7	106	0.00
50 T	t-1,3-Dichloropropene	0.349	0.395	-13.2	109	0.00
51 T	cis-1,3-Dichloropropene	0.405	0.442	-9.1	106	0.00
52 RT	1,1,2-Trichloroethane	0.215	0.222	-3.3	105	0.00
53 t	1,3-Dichloropropane	0.357	0.375	-5.0	104	0.00
54 t	2-Hexanone	0.114	0.168	-47.4#	137	0.00
55 t	Dibromochloromethane	0.287	0.291	-1.4	102	0.00
56 T	1,2-Dibromoethane	0.209	0.219	-4.8	105	0.00
57 S	4-Bromofluorobenzene	0.359	0.392	-9.2	103	0.00
58 RT	Tetrachloroethene	0.307	0.313	-2.0	103	0.00
59 Rt	Chlorobenzene	0.762	0.837	-9.8	106	0.00
60 T	1,1,1,2-Tetrachloroethane	0.304	0.314	-3.3	103	0.00
61 t	Pentachloroethane	0.259	0.261	-0.8	103	0.00
62 t	Hexachloroethane	0.259	0.268	-3.5	100	0.00
63 Rt	Ethyl Benzene	1.209	1.437	-18.9	106	0.00
64 RT	m/p-Xylenes	0.483	0.589	-21.9	106	0.00
65 RT	o-Xylene	0.460	0.539	-17.2	105	0.00
66 RT	Styrene	0.788	0.934	-18.5	104	0.00
67 t	Bromoform	0.169	0.177	-4.7	102	0.00
68 S	1,2-Dichlorobenzene-d4	0.419	0.427	-1.9	101	0.00
69 T	Isopropylbenzene	1.217	1.505	-23.7	110	0.00
70 T	1,1,2,2-Tetrachloroethane	0.270	0.275	-1.9	102	0.00
71 T	1,2,3-Trichloropropane	0.193	0.206	-6.7	105	0.00
72 t	Bromobenzene	0.341	0.378	-10.9	106	0.00
73 t	n-propylbenzene	0.356	0.429	-20.5	104	0.00
74 t	2-Chlorotoluene	0.321	0.362	-12.8	102	0.00
75 t	1,3,5-Trimethylbenzene	1.081	1.312	-21.4	105	0.00
76 t	4-Chlorotoluene	0.330	0.399	-20.9	109	0.00
77 t	tert-Butylbenzene	1.077	1.259	-16.9	104	0.00
78 t	1,2,4-Trimethylbenzene	1.119	1.356	-21.2	104	0.00
79 t	sec-Butylbenzene	1.411	1.617	-14.6	101	0.00
80	Nitrobenzene	0.012	0.003	75.0#	25	0.00
81 t	p-Isopropyltoluene	1.194	1.457	-22.0	105	0.00
82 t	1,3-Dichlorobenzene	0.717	0.775	-8.1	103	0.00
83 Rt	1,4-Dichlorobenzene	0.716	0.772	-7.8	103	0.00
84 t	n-Butylbenzene	1.155	1.392	-20.5	105	0.00
85 Rt	1,2-Dichlorobenzene	0.659	0.701	-6.4	103	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.047	0.050	-6.4	108	0.00
87 Rt	1,2,4-Trichlorobenzene	0.463	0.561	-21.2	115	0.00
88 t	Hexachlorobutadiene	0.283	0.313	-10.6	108	0.00
89 t	Naphthalene	0.730	0.921	-26.2	110	0.00
90 t	1,2,3-Trichlorobenzene	0.436	0.499	-14.4	105	0.00

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