

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
 Data File : VU029836.D
 Acq On : 06 Mar 2019 13:03
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

Quant Time: Mar 08 01:36:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	0.335	0.172	48.7#	56	0.00
3 t	Chloromethane	0.298	0.224	24.8	82	0.00
4 Rt	Vinyl Chloride	0.335	0.275	17.9	87	0.00
5 T	Bromomethane	0.229	0.196	14.4	105	0.00
6 T	Chloroethane	0.201	0.181	10.0	97	0.00
7 T	Trichlorofluoromethane	0.457	0.411	10.1	96	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.266	0.269	-1.1	107	0.00
9 Rt	1,1-Dichloroethene	0.260	0.262	-0.8	107	0.00
10 t	Iodomethane	0.226	0.338	-49.6#	121	0.00
11 t	Allyl Chloride	0.366	0.360	1.6	106	0.00
12 t	Acrylonitrile	0.057	0.137	-140.4#	261#	0.00
13 T	Acetone	0.047	0.060	-27.7	147	0.00
14 T	Carbon Disulfide	0.842	0.786	6.7	99	0.00
15 RT	Methylene Chloride	0.312	0.287	8.0	104	0.00
16 RT	trans-1,2-Dichloroethene	0.294	0.289	1.7	106	0.00
17 t	1,1-Dichloroethane	0.492	0.503	-2.2	111	0.00
18 T	2-Butanone	0.064	0.075	-17.2	118	0.00
19	Cyclohexane	0.382	0.424	-11.0	113	0.00
20	Methylcyclohexane	0.445	0.500	-12.4	112	0.00
21 T	2,2-Dichloropropane	0.402	0.414	-3.0	111	0.00
22 RT	cis-1,2-Dichloroethene	0.311	0.317	-1.9	107	0.00
23 t	Diethyl Ether	0.195	0.190	2.6	102	0.00
24 t	tert-Butyl Alcohol	0.020	0.009	55.0#	49	0.00
25 t	Methyl tert-Butyl Ether	0.655	0.661	-0.9	107	0.00
26 t	Bromochloromethane	0.138	0.133	3.6	103	0.00
27 t	Chloroform	0.498	0.507	-1.8	109	0.00
28 RT	1,1,1-Trichloroethane	0.422	0.439	-4.0	109	0.00
29 T	1,1-Dichloropropene	0.375	0.389	-3.7	108	0.00
30 RT	Carbon Tetrachloride	0.368	0.390	-6.0	109	0.00
31 t	Isopropyl Ether	0.678	0.764	-12.7	119	0.00
32	Ethyl-t-butyl ether	0.659	0.000	100.0#	0#	-4.07#
33	Tert-Amyl methyl ether	0.610	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.019	0.041	-115.8#	207#	0.00
35 RT	Benzene	1.105	1.153	-4.3	110	0.00
36 RT	1,2-Dichloroethane	0.302	0.304	-0.7	106	0.00
37 RT	Trichloroethene	0.323	0.331	-2.5	108	0.00
38 Rt	1,2-Dichloropropane	0.280	0.290	-3.6	109	0.00
39 t	Methacrylonitrile	0.080	0.082	-2.5	106	0.00
40 t	Methyl acrylate	0.126	0.132	-4.8	106	0.00
41 t	Tetrahydrofuran	0.042	0.105	-150.0#	272#	0.00
42 t	1-Chlorobutane	0.479	0.503	-5.0	108	0.00
43 T	Dibromomethane	0.145	0.153	-5.5	109	0.00
44 T	Bromodichloromethane	0.356	0.366	-2.8	107	0.00
45 T	4-Methyl-2-Pentanone	0.151	0.159	-5.3	105	0.00
46 t	t-1,4-Dichloro-2-butene	0.063	0.031	50.8#	46	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.124	0.072	41.9#	56	0.00
48 t	Ethyl methacrylate	0.238	0.272	-14.3	107	0.00
49 Rt	Toluene	0.679	0.744	-9.6	109	0.00
50 T	t-1,3-Dichloropropene	0.312	0.359	-15.1	114	0.00
51 T	cis-1,3-Dichloropropene	0.386	0.432	-11.9	112	0.00
52 RT	1,1,2-Trichloroethane	0.215	0.224	-4.2	111	0.00
53 t	1,3-Dichloropropane	0.352	0.369	-4.8	109	0.00
54 t	2-Hexanone	0.105	0.122	-16.2	114	0.00
55 t	Dibromochloromethane	0.255	0.270	-5.9	107	0.00
56 T	1,2-Dibromoethane	0.203	0.217	-6.9	111	0.00
57 S	4-Bromofluorobenzene	0.360	0.362	-0.6	102	0.00
58 RT	Tetrachloroethene	0.330	0.317	3.9	102	0.00
59 Rt	Chlorobenzene	0.780	0.841	-7.8	110	0.00
60 T	1,1,1,2-Tetrachloroethane	0.280	0.295	-5.4	110	0.00
61 t	Pentachloroethane	0.195	0.229	-17.4	118	0.00
62 t	Hexachloroethane	0.205	0.239	-16.6	113	0.00
63 Rt	Ethyl Benzene	1.278	1.436	-12.4	110	0.00
64 RT	m/p-Xylenes	0.505	0.582	-15.2	111	0.00
65 RT	o-Xylene	0.485	0.557	-14.8	111	0.00
66 RT	Styrene	0.806	0.899	-11.5	106	0.00
67 t	Bromoform	0.150	0.164	-9.3	107	0.00
68 S	1,2-Dichlorobenzene-d4	0.417	0.404	3.1	101	0.00
69 T	Isopropylbenzene	1.286	1.493	-16.1	113	0.00
70 T	1,1,2,2-Tetrachloroethane	0.262	0.271	-3.4	108	0.00
71 T	1,2,3-Trichloropropane	0.194	0.197	-1.5	108	0.00
72 t	Bromobenzene	0.340	0.374	-10.0	111	0.00
73 t	n-propylbenzene	0.362	0.423	-16.9	112	0.00
74 t	2-Chlorotoluene	0.321	0.351	-9.3	109	0.00
75 t	1,3,5-Trimethylbenzene	1.084	1.264	-16.6	111	0.00
76 t	4-Chlorotoluene	0.327	0.366	-11.9	109	0.00
77 t	tert-Butylbenzene	1.072	1.241	-15.8	111	0.00
78 t	1,2,4-Trimethylbenzene	1.095	1.283	-17.2	111	0.00
79 t	sec-Butylbenzene	1.421	1.593	-12.1	107	0.00
80	Nitrobenzene	0.005	0.001	80.0#	19#	0.00
81 t	p-Isopropyltoluene	1.189	1.403	-18.0	111	0.00
82 t	1,3-Dichlorobenzene	0.674	0.726	-7.7	108	0.00
83 Rt	1,4-Dichlorobenzene	0.659	0.717	-8.8	109	0.00
84 t	n-Butylbenzene	1.084	1.270	-17.2	111	0.00
85 Rt	1,2-Dichlorobenzene	0.636	0.676	-6.3	108	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.037	0.040	-8.1	104	0.00
87 Rt	1,2,4-Trichlorobenzene	0.407	0.498	-22.4	115	0.00
88 t	Hexachlorobutadiene	0.256	0.285	-11.3	113	0.00
89 t	Naphthalene	0.651	0.856	-31.5#	116	0.00
90 t	1,2,3-Trichlorobenzene	0.383	0.448	-17.0	111	0.00

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