

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042619\
 Data File : VU031512.D
 Acq On : 25 Apr 2019 22:03
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Quant Time: Apr 26 05:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U042619DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 26 04:42:12 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.451	0.280	37.9#	67	0.00
3 t	Chloromethane	0.539	0.416	22.8	85	0.00
4 Rt	Vinyl Chloride	0.513	0.417	18.7	88	0.00
5 T	Bromomethane	0.249	0.219	12.0	100	0.00
6 T	Chloroethane	0.284	0.246	13.4	97	0.00
7 T	Trichlorofluoromethane	0.584	0.521	10.8	97	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.288	0.295	-2.4	111	0.00
9 Rt	1,1-Dichloroethene	0.286	0.300	-4.9	113	0.00
10 t	Iodomethane	0.315	0.313	0.6	96	0.00
11 t	Allyl Chloride	0.627	0.626	0.2	107	0.00
12 t	Acrylonitrile	0.087	0.215	-147.1#	281#	0.00
13 T	Acetone	0.079	0.070	11.4	104	0.00
14 T	Carbon Disulfide	1.099	1.011	8.0	100	0.00
15 RT	Methylene Chloride	0.363	0.342	5.8	109	0.00
16 RT	trans-1,2-Dichloroethene	0.320	0.319	0.3	106	0.00
17 t	1,1-Dichloroethane	0.668	0.665	0.4	107	0.00
18 T	2-Butanone	0.103	0.108	-4.9	104	0.00
19	Cyclohexane	0.514	0.584	-13.6	109	0.00
20	Methylcyclohexane	0.413	0.488	-18.2	107	0.00
21 T	2,2-Dichloropropane	0.488	0.446	8.6	99	0.00
22 RT	cis-1,2-Dichloroethene	0.343	0.350	-2.0	106	0.00
23 t	Diethyl Ether	0.274	0.265	3.3	103	0.00
24 t	tert-Butyl Alcohol	0.028	0.014	50.0#	53	-0.01
25 t	Methyl tert-Butyl Ether	0.834	0.851	-2.0	106	0.00
26 t	Bromochloromethane	0.145	0.146	-0.7	106	0.00
27 t	Chloroform	0.619	0.613	1.0	105	0.00
28 RT	1,1,1-Trichloroethane	0.522	0.524	-0.4	108	0.00
29 T	1,1-Dichloropropene	0.422	0.467	-10.7	106	0.00
30 RT	Carbon Tetrachloride	0.444	0.446	-0.5	108	0.00
31 t	Isopropyl Ether	1.000	1.153	-15.3	117	0.00
32	Ethyl-t-butyl ether	0.812	0.000	100.0#	0#	-4.07#
33	Tert-Amyl methyl ether	0.646	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.028	0.064	-128.6#	225#	0.00
35 RT	Benzene	1.292	1.367	-5.8	107	0.00
36 RT	1,2-Dichloroethane	0.421	0.427	-1.4	108	0.00
37 RT	Trichloroethene	0.316	0.316	0.0	104	0.00
38 Rt	1,2-Dichloropropane	0.365	0.382	-4.7	108	0.00
39 t	Methacrylonitrile	0.116	0.137	-18.1	109	0.00
40 t	Methyl acrylate	0.153	0.186	-21.6	98	0.00
41 t	Tetrahydrofuran	0.064	0.186	-190.6#	291#	0.00
42 t	1-Chlorobutane	0.641	0.712	-11.1	108	0.00
43 T	Dibromomethane	0.179	0.185	-3.4	109	0.00
44 T	Bromodichloromethane	0.446	0.471	-5.6	111	0.00
45 T	4-Methyl-2-Pentanone	0.215	0.246	-14.4	107	0.00
46 t	t-1,4-Dichloro-2-butene	0.066	0.041	37.9#	57	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.083	40.3#	53	0.00
48 t	Ethyl methacrylate	0.241	0.305	-26.6	111	0.00
49 Rt	Toluene	0.672	0.789	-17.4	109	0.00
50 T	t-1,3-Dichloropropene	0.351	0.412	-17.4	111	0.00
51 T	cis-1,3-Dichloropropene	0.428	0.489	-14.3	110	0.00
52 RT	1,1,2-Trichloroethane	0.234	0.257	-9.8	116	0.00
53 t	1,3-Dichloropropane	0.410	0.456	-11.2	112	0.00
54 t	2-Hexanone	0.145	0.167	-15.2	106	0.00
55 t	Dibromochloromethane	0.264	0.282	-6.8	108	0.00
56 T	1,2-Dibromoethane	0.209	0.227	-8.6	110	0.00
57 S	4-Bromofluorobenzene	0.350	0.358	-2.3	97	0.00
58 RT	Tetrachloroethene	0.305	0.316	-3.6	110	0.00
59 Rt	Chlorobenzene	0.704	0.781	-10.9	107	0.00
60 T	1,1,1,2-Tetrachloroethane	0.275	0.292	-6.2	109	0.00
61 t	Pentachloroethane	0.195	0.202	-3.6	111	0.00
62 t	Hexachloroethane	0.192	0.211	-9.9	110	0.00
63 Rt	Ethyl Benzene	1.154	1.445	-25.2	110	0.00
64 RT	m/p-Xylenes	0.432	0.544	-25.9	108	0.00
65 RT	o-Xylene	0.419	0.508	-21.2	108	0.00
66 RT	Styrene	0.698	0.911	-30.5#	109	0.00
67 t	Bromoform	0.148	0.160	-8.1	110	0.00
68 S	1,2-Dichlorobenzene-d4	0.325	0.330	-1.5	102	0.00
69 T	Isopropylbenzene	1.098	1.396	-27.1	112	0.00
70 T	1,1,2,2-Tetrachloroethane	0.301	0.314	-4.3	110	0.00
71 T	1,2,3-Trichloropropane	0.220	0.241	-9.5	115	0.00
72 t	Bromobenzene	0.279	0.323	-15.8	109	0.00
73 t	n-propylbenzene	0.284	0.349	-22.9	103	0.00
74 t	2-Chlorotoluene	0.271	0.318	-17.3	106	0.00
75 t	1,3,5-Trimethylbenzene	0.936	1.232	-31.6#	111	0.00
76 t	4-Chlorotoluene	0.265	0.331	-24.9	107	0.00
77 t	tert-Butylbenzene	0.878	1.044	-18.9	107	0.00
78 t	1,2,4-Trimethylbenzene	0.946	1.222	-29.2	109	0.00
79 t	sec-Butylbenzene	1.197	1.383	-15.5	100	0.00
80	Nitrobenzene	0.007	0.002	71.4#	20	0.00
81 t	p-Isopropyltoluene	0.937	1.226	-30.8#	110	0.00
82 t	1,3-Dichlorobenzene	0.551	0.602	-9.3	104	0.00
83 Rt	1,4-Dichlorobenzene	0.529	0.627	-18.5	108	0.00
84 t	n-Butylbenzene	0.904	1.197	-32.4#	110	0.00
85 Rt	1,2-Dichlorobenzene	0.524	0.564	-7.6	106	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.043	0.049	-14.0	110	0.00
87 Rt	1,2,4-Trichlorobenzene	0.264	0.379	-43.6#	120	0.00
88 t	Hexachlorobutadiene	0.192	0.211	-9.9	108	0.00
89 t	Naphthalene	0.453	0.686	-51.4#	118	0.00
90 t	1,2,3-Trichlorobenzene	0.272	0.349	-28.3	111	0.00

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