

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU020519\
 Data File : VU029347.D
 Acq On : 05 Feb 2019 14:53
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICV010

Quant Time: Feb 08 11:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 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	92	0.00
2 T	Dichlorodifluoromethane	0.373	0.184	50.7#	46	0.00
3 t	Chloromethane	0.341	0.248	27.3	70	0.00
4 Rt	Vinyl Chloride	0.400	0.316	21.0	72	0.00
5 T	Bromomethane	0.222	0.204	8.1	93	0.00
6 T	Chloroethane	0.234	0.211	9.8	84	0.00
7 T	Trichlorofluoromethane	0.558	0.513	8.1	84	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.304	-3.1	94	0.00
9 Rt	1,1-Dichloroethene	0.288	0.291	-1.0	93	0.00
10 t	Iodomethane	0.370	0.363	1.9	77	0.00
11 t	Allyl Chloride	0.484	0.480	0.8	90	0.00
12 t	Acrylonitrile	0.065	0.165	-153.8#	236#	0.00
13 T	Acetone	0.062	0.072	-16.1	111	0.00
14 T	Carbon Disulfide	1.019	0.928	8.9	84	0.00
15 RT	Methylene Chloride	0.350	0.327	6.6	94	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.323	0.0	92	0.00
17 t	1,1-Dichloroethane	0.511	0.501	2.0	92	0.00
18 T	2-Butanone	0.070	0.079	-12.9	95	0.00
19	Cyclohexane	0.474	0.461	2.7	95	0.00
20	Methylcyclohexane	0.498	0.514	-3.2	93	0.00
21 T	2,2-Dichloropropane	0.473	0.477	-0.8	93	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.317	-4.3	94	0.00
23 t	Diethyl Ether	0.232	0.226	2.6	89	0.00
24 t	tert-Butyl Alcohol	0.024	0.012	50.0#	48	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.845	-4.1	95	0.00
26 t	Bromochloromethane	0.134	0.132	1.5	90	0.00
27 t	Chloroform	0.497	0.517	-4.0	94	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.484	-5.0	95	0.00
29 T	1,1-Dichloropropene	0.400	0.404	-1.0	91	0.00
30 RT	Carbon Tetrachloride	0.417	0.437	-4.8	94	0.00
31 t	Isopropyl Ether	0.771	0.837	-8.6	97	0.00
32	Ethyl-t-butyl ether	0.773	0.000	100.0#	0#	-4.07#
33	Tert-Amyl methyl ether	0.699	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.018	0.042	-133.3#	188	0.00
35 RT	Benzene	1.106	1.146	-3.6	93	0.00
36 RT	1,2-Dichloroethane	0.335	0.343	-2.4	91	0.00
37 RT	Trichloroethene	0.317	0.333	-5.0	95	0.00
38 Rt	1,2-Dichloropropane	0.288	0.300	-4.2	94	0.00
39 t	Methacrylonitrile	0.094	0.096	-2.1	91	0.00
40 t	Methyl acrylate	0.142	0.144	-1.4	91	0.00
41 t	Tetrahydrofuran	0.047	0.119	-153.2#	229#	0.00
42 t	1-Chlorobutane	0.536	0.546	-1.9	91	0.00
43 T	Dibromomethane	0.153	0.156	-2.0	94	0.00
44 T	Bromodichloromethane	0.391	0.407	-4.1	94	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.186	-3.3	90	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.048	45.5#	47	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.078	42.2#	50	0.00
48 t	Ethyl methacrylate	0.289	0.306	-5.9	91	0.00
49 Rt	Toluene	0.708	0.750	-5.9	95	0.00
50 T	t-1,3-Dichloropropene	0.383	0.421	-9.9	96	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.483	-6.2	94	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.216	-6.4	95	0.00
53 t	1,3-Dichloropropane	0.357	0.382	-7.0	95	0.00
54 t	2-Hexanone	0.126	0.136	-7.9	92	0.00
55 t	Dibromochloromethane	0.289	0.303	-4.8	93	0.00
56 T	1,2-Dibromoethane	0.208	0.218	-4.8	95	0.00
57 S	4-Bromofluorobenzene	0.390	0.390	0.0	92	0.00
58 RT	Tetrachloroethene	0.295	0.319	-8.1	96	0.00
59 Rt	Chlorobenzene	0.797	0.870	-9.2	97	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.320	-8.5	97	0.00
61 t	Pentachloroethane	0.228	0.249	-9.2	97	0.00
62 t	Hexachloroethane	0.249	0.279	-12.0	98	0.00
63 Rt	Ethyl Benzene	1.385	1.496	-8.0	96	0.00
64 RT	m/p-Xylenes	0.538	0.590	-9.7	96	0.00
65 RT	o-Xylene	0.528	0.576	-9.1	95	0.00
66 RT	Styrene	0.881	0.941	-6.8	93	0.00
67 t	Bromoform	0.180	0.197	-9.4	95	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.425	-6.2	93	0.00
69 T	Isopropylbenzene	1.411	1.562	-10.7	97	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.273	-5.0	92	0.00
71 T	1,2,3-Trichloropropane	0.179	0.206	-15.1	97	0.00
72 t	Bromobenzene	0.342	0.387	-13.2	98	0.00
73 t	n-propylbenzene	0.393	0.437	-11.2	97	0.00
74 t	2-Chlorotoluene	0.335	0.371	-10.7	98	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.352	-11.1	98	0.00
76 t	4-Chlorotoluene	0.347	0.392	-13.0	98	0.00
77 t	tert-Butylbenzene	1.203	1.324	-10.1	97	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.374	-11.5	97	0.00
79 t	sec-Butylbenzene	1.574	1.679	-6.7	93	0.00
80	Nitrobenzene	0.012	0.003	75.0#	16#	0.00
81 t	p-Isopropyltoluene	1.334	1.498	-12.3	97	0.00
82 t	1,3-Dichlorobenzene	0.671	0.748	-11.5	97	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.750	-12.3	97	0.00
84 t	n-Butylbenzene	1.224	1.397	-14.1	97	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.692	-9.0	94	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.052	-6.1	94	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.526	-17.9	98	0.00
88 t	Hexachlorobutadiene	0.258	0.298	-15.5	100	0.00
89 t	Naphthalene	0.756	0.898	-18.8	96	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.467	-14.7	97	0.00

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