

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030005.D
 Acq On : 12 Mar 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU031419

Quant Time: Mar 13 08:01:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 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	99	0.00
2 T	Dichlorodifluoromethane	0.367	0.173	52.9#	49	0.00
3 t	Chloromethane	0.416	0.346	16.8	85	0.00
4 Rt	Vinyl Chloride	0.357	0.272	23.8	78	0.00
5 T	Bromomethane	0.204	0.141	30.9#	78	0.00
6 T	Chloroethane	0.206	0.181	12.1	89	0.00
7 T	Trichlorofluoromethane	0.463	0.407	12.1	91	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.252	0.266	-5.6	110	0.00
9 Rt	1,1-Dichloroethene	0.250	0.254	-1.6	104	0.00
10 t	Iodomethane	0.216	0.179	17.1	71	0.00
11 t	Allyl Chloride	0.353	0.352	0.3	103	0.00
12 t	Acrylonitrile	0.054	0.132	-144.4#	257#	0.00
13 T	Acetone	0.047	0.055	-17.0	135	0.00
14 T	Carbon Disulfide	0.869	0.760	12.5	90	0.00
15 RT	Methylene Chloride	0.297	0.287	3.4	104	0.00
16 RT	trans-1,2-Dichloroethene	0.288	0.282	2.1	101	0.00
17 t	1,1-Dichloroethane	0.487	0.496	-1.8	104	0.00
18 T	2-Butanone	0.065	0.076	-16.9	117	0.00
19	Cyclohexane	0.417	0.442	-6.0	104	0.00
20	Methylcyclohexane	0.461	0.503	-9.1	106	0.00
21 T	2,2-Dichloropropane	0.410	0.422	-2.9	108	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.328	-2.5	105	0.00
23 t	Diethyl Ether	0.186	0.184	1.1	100	0.00
24 t	tert-Butyl Alcohol	0.020	0.009	55.0#	49	0.00
25 t	Methyl tert-Butyl Ether	0.630	0.645	-2.4	105	0.00
26 t	Bromochloromethane	0.140	0.131	6.4	97	0.00
27 t	Chloroform	0.512	0.511	0.2	105	0.00
28 RT	1,1,1-Trichloroethane	0.422	0.448	-6.2	106	0.00
29 T	1,1-Dichloropropene	0.384	0.397	-3.4	104	0.00
30 RT	Carbon Tetrachloride	0.377	0.397	-5.3	106	0.00
31 t	Isopropyl Ether	0.685	0.757	-10.5	112	0.00
32	Ethyl-t-butyl ether	0.660	0.000	100.0#	0#	-4.07#
33	Tert-Amyl methyl ether	0.605	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.018	0.041	-127.8#	221#	0.00
35 RT	Benzene	1.123	1.173	-4.5	105	0.00
36 RT	1,2-Dichloroethane	0.300	0.303	-1.0	106	0.00
37 RT	Trichloroethene	0.323	0.327	-1.2	103	0.00
38 Rt	1,2-Dichloropropane	0.286	0.293	-2.4	104	0.00
39 t	Methacrylonitrile	0.079	0.083	-5.1	108	0.00
40 t	Methyl acrylate	0.125	0.145	-16.0	113	0.00
41 t	Tetrahydrofuran	0.044	0.109	-147.7#	271#	0.00
42 t	1-Chlorobutane	0.503	0.529	-5.2	105	0.00
43 T	Dibromomethane	0.148	0.151	-2.0	105	0.00
44 T	Bromodichloromethane	0.352	0.372	-5.7	107	0.00
45 T	4-Methyl-2-Pentanone	0.146	0.153	-4.8	103	0.00
46 t	t-1,4-Dichloro-2-butene	0.057	0.037	35.1#	54	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.124	0.071	42.7#	55	0.00
48 t	Ethyl methacrylate	0.233	0.265	-13.7	102	0.00
49 Rt	Toluene	0.677	0.742	-9.6	106	0.00
50 T	t-1,3-Dichloropropene	0.316	0.370	-17.1	111	0.00
51 T	cis-1,3-Dichloropropene	0.397	0.441	-11.1	107	0.00
52 RT	1,1,2-Trichloroethane	0.209	0.221	-5.7	108	0.00
53 t	1,3-Dichloropropane	0.349	0.370	-6.0	107	0.00
54 t	2-Hexanone	0.105	0.116	-10.5	110	0.00
55 t	Dibromochloromethane	0.251	0.269	-7.2	106	0.00
56 T	1,2-Dibromoethane	0.201	0.211	-5.0	105	0.00
57 S	4-Bromofluorobenzene	0.363	0.360	0.8	102	0.00
58 RT	Tetrachloroethene	0.294	0.307	-4.4	105	0.00
59 Rt	Chlorobenzene	0.773	0.827	-7.0	106	0.00
60 T	1,1,1,2-Tetrachloroethane	0.273	0.291	-6.6	106	0.00
61 t	Pentachloroethane	0.211	0.231	-9.5	110	0.00
62 t	Hexachloroethane	0.212	0.237	-11.8	107	0.00
63 Rt	Ethyl Benzene	1.270	1.414	-11.3	107	0.00
64 RT	m/p-Xylenes	0.500	0.568	-13.6	107	0.00
65 RT	o-Xylene	0.490	0.540	-10.2	105	0.00
66 RT	Styrene	0.803	0.887	-10.5	102	0.00
67 t	Bromoform	0.144	0.161	-11.8	107	0.00
68 S	1,2-Dichlorobenzene-d4	0.413	0.411	0.5	100	0.00
69 T	Isopropylbenzene	1.278	1.444	-13.0	108	0.00
70 T	1,1,2,2-Tetrachloroethane	0.257	0.266	-3.5	104	0.00
71 T	1,2,3-Trichloropropane	0.193	0.190	1.6	106	0.00
72 t	Bromobenzene	0.335	0.372	-11.0	109	0.00
73 t	n-propylbenzene	0.363	0.410	-12.9	106	0.00
74 t	2-Chlorotoluene	0.317	0.351	-10.7	107	0.00
75 t	1,3,5-Trimethylbenzene	1.089	1.256	-15.3	108	0.00
76 t	4-Chlorotoluene	0.324	0.375	-15.7	110	0.00
77 t	tert-Butylbenzene	1.066	1.213	-13.8	109	0.00
78 t	1,2,4-Trimethylbenzene	1.107	1.282	-15.8	108	0.00
79 t	sec-Butylbenzene	1.428	1.560	-9.2	103	0.00
80	Nitrobenzene	0.005	0.001	80.0#	22	0.00
81 t	p-Isopropyltoluene	1.197	1.388	-16.0	107	0.00
82 t	1,3-Dichlorobenzene	0.677	0.727	-7.4	106	0.00
83 Rt	1,4-Dichlorobenzene	0.680	0.730	-7.4	106	0.00
84 t	n-Butylbenzene	1.118	1.310	-17.2	109	0.00
85 Rt	1,2-Dichlorobenzene	0.630	0.668	-6.0	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.037	0.042	-13.5	105	0.00
87 Rt	1,2,4-Trichlorobenzene	0.455	0.537	-18.0	114	0.00
88 t	Hexachlorobutadiene	0.246	0.277	-12.6	112	0.00
89 t	Naphthalene	0.712	0.920	-29.2	113	0.00
90 t	1,2,3-Trichlorobenzene	0.412	0.478	-16.0	112	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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