

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030575.D
 Acq On : 30 Mar 2019 15:58
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU033119

Quant Time: Mar 31 01:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 01:11:51 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	99	0.00
2 T	Dichlorodifluoromethane	0.421	0.306	27.3	70	0.00
3 t	Chloromethane	0.543	0.529	2.6	100	0.00
4 Rt	Vinyl Chloride	0.470	0.441	6.2	91	0.00
5 T	Bromomethane	0.203	0.179	11.8	91	0.00
6 T	Chloroethane	0.271	0.260	4.1	97	0.00
7 T	Trichlorofluoromethane	0.516	0.530	-2.7	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.262	0.303	-15.6	113	0.00
9 Rt	1,1-Dichloroethene	0.264	0.305	-15.5	113	0.00
10 t	Iodomethane	0.192	0.178	7.3	67	0.00
11 t	Allyl Chloride	0.574	0.623	-8.5	106	0.00
12 t	Acrylonitrile	0.075	0.205	-173.3#	277#	0.00
13 T	Acetone	0.070	0.105	-50.0#	160	0.00
14 T	Carbon Disulfide	0.963	1.048	-8.8	106	0.00
15 RT	Methylene Chloride	0.334	0.351	-5.1	110	0.00
16 RT	trans-1,2-Dichloroethene	0.298	0.326	-9.4	109	0.00
17 t	1,1-Dichloroethane	0.605	0.657	-8.6	105	0.00
18 T	2-Butanone	0.091	0.124	-36.3#	124	0.00
19	Cyclohexane	0.510	0.542	-6.3	97	0.00
20	Methylcyclohexane	0.448	0.552	-23.2	110	0.00
21 T	2,2-Dichloropropane	0.465	0.519	-11.6	108	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.352	-10.0	106	0.00
23 t	Diethyl Ether	0.251	0.263	-4.8	102	0.00
24 t	tert-Butyl Alcohol	0.026	0.015	42.3#	57	0.00
25 t	Methyl tert-Butyl Ether	0.763	0.845	-10.7	106	0.00
26 t	Bromochloromethane	0.125	0.129	-3.2	101	0.00
27 t	Chloroform	0.565	0.616	-9.0	103	0.00
28 RT	1,1,1-Trichloroethane	0.466	0.519	-11.4	105	0.00
29 T	1,1-Dichloropropene	0.418	0.465	-11.2	105	0.00
30 RT	Carbon Tetrachloride	0.389	0.442	-13.6	106	0.00
31 t	Isopropyl Ether	1.007	1.179	-17.1	112	0.00
32	Ethyl-t-butyl ether	0.802	0.000	100.0#	0#	-4.07#
33	Tert-Amyl methyl ether	0.643	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.025	0.061	-144.0#	222#	0.00
35 RT	Benzene	1.237	1.398	-13.0	106	0.00
36 RT	1,2-Dichloroethane	0.378	0.414	-9.5	105	0.00
37 RT	Trichloroethene	0.297	0.325	-9.4	105	0.00
38 Rt	1,2-Dichloropropane	0.343	0.385	-12.2	106	0.00
39 t	Methacrylonitrile	0.111	0.135	-21.6	107	0.00
40 t	Methyl acrylate	0.152	0.183	-20.4	104	0.00
41 t	Tetrahydrofuran	0.063	0.188	-198.4#	300#	0.00
42 t	1-Chlorobutane	0.626	0.710	-13.4	103	0.00
43 T	Dibromomethane	0.155	0.176	-13.5	106	0.00
44 T	Bromodichloromethane	0.411	0.459	-11.7	107	0.00
45 T	4-Methyl-2-Pentanone	0.214	0.254	-18.7	109	0.00
46 t	t-1,4-Dichloro-2-butene	0.069	0.039	43.5#	49	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.132	0.085	35.6#	54	0.00
48 t	Ethyl methacrylate	0.258	0.343	-32.9#	113	0.00
49 Rt	Toluene	0.678	0.811	-19.6	107	0.00
50 T	t-1,3-Dichloropropene	0.345	0.440	-27.5	111	0.00
51 T	cis-1,3-Dichloropropene	0.429	0.522	-21.7	111	0.00
52 RT	1,1,2-Trichloroethane	0.212	0.245	-15.6	110	0.00
53 t	1,3-Dichloropropane	0.387	0.435	-12.4	105	0.00
54 t	2-Hexanone	0.144	0.197	-36.8#	124	0.00
55 t	Dibromochloromethane	0.246	0.276	-12.2	106	0.00
56 T	1,2-Dibromoethane	0.196	0.233	-18.9	113	0.00
57 S	4-Bromofluorobenzene	0.381	0.386	-1.3	98	0.00
58 RT	Tetrachloroethene	0.265	0.286	-7.9	101	0.00
59 Rt	Chlorobenzene	0.733	0.859	-17.2	106	0.00
60 T	1,1,1,2-Tetrachloroethane	0.271	0.293	-8.1	108	0.00
61 t	Pentachloroethane	0.209	0.238	-13.9	108	0.00
62 t	Hexachloroethane	0.182	0.237	-30.2#	122	0.00
63 Rt	Ethyl Benzene	1.301	1.629	-25.2	110	0.00
64 RT	m/p-Xylenes	0.476	0.599	-25.8	111	0.00
65 RT	o-Xylene	0.457	0.557	-21.9	108	0.00
66 RT	Styrene	0.771	1.007	-30.6#	110	0.00
67 t	Bromoform	0.134	0.163	-21.6	112	0.00
68 S	1,2-Dichlorobenzene-d4	0.354	0.388	-9.6	104	0.00
69 T	Isopropylbenzene	1.245	1.559	-25.2	110	0.00
70 T	1,1,2,2-Tetrachloroethane	0.296	0.329	-11.1	109	0.00
71 T	1,2,3-Trichloropropane	0.189	0.234	-23.8	134	0.00
72 t	Bromobenzene	0.299	0.351	-17.4	109	0.00
73 t	n-propylbenzene	0.319	0.404	-26.6	105	0.00
74 t	2-Chlorotoluene	0.296	0.350	-18.2	105	0.00
75 t	1,3,5-Trimethylbenzene	1.046	1.358	-29.8	112	0.00
76 t	4-Chlorotoluene	0.301	0.370	-22.9	109	0.00
77 t	tert-Butylbenzene	0.991	1.219	-23.0	108	0.00
78 t	1,2,4-Trimethylbenzene	1.037	1.343	-29.5	110	0.00
79 t	sec-Butylbenzene	1.346	1.574	-16.9	102	0.00
80	Nitrobenzene	0.004	0.002	50.0#	41	0.00
81 t	p-Isopropyltoluene	1.034	1.363	-31.8#	112	0.00
82 t	1,3-Dichlorobenzene	0.597	0.670	-12.2	106	0.00
83 Rt	1,4-Dichlorobenzene	0.598	0.684	-14.4	108	0.00
84 t	n-Butylbenzene	1.000	1.359	-35.9#	115	0.00
85 Rt	1,2-Dichlorobenzene	0.562	0.619	-10.1	104	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.043	0.053	-23.3	115	0.00
87 Rt	1,2,4-Trichlorobenzene	0.321	0.441	-37.4#	121	0.00
88 t	Hexachlorobutadiene	0.202	0.249	-23.3	114	0.00
89 t	Naphthalene	0.560	0.806	-43.9#	125	0.00
90 t	1,2,3-Trichlorobenzene	0.304	0.409	-34.5#	119	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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