

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072219\
 Data File : VU033366.D
 Acq On : 22 Jul 2019 21:52
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072219

Quant Time: Jul 23 03:51:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 23 03:43:51 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	98	0.00
2 T	Dichlorodifluoromethane	0.414	0.237	42.8#	59	0.00
3 t	Chloromethane	0.456	0.344	24.6	80	0.00
4 Rt	Vinyl Chloride	0.509	0.404	20.6	83	0.00
5 T	Bromomethane	0.321	0.266	17.1	90	0.00
6 T	Chloroethane	0.358	0.300	16.2	81	0.00
7 T	Trichlorofluoromethane	0.699	0.602	13.9	90	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.361	0.345	4.4	102	0.00
9 Rt	1,1-Dichloroethene	0.355	0.359	-1.1	106	0.00
10 t	Iodomethane	0.478	0.452	5.4	93	0.00
11 t	Allyl Chloride	0.586	0.566	3.4	101	0.00
12 t	Acrylonitrile	0.099	0.234	-136.4#	258#	0.00
13 T	Acetone	0.085	0.072	15.3	98	0.00
14 T	Carbon Disulfide	1.350	1.155	14.4	91	0.00
15 RT	Methylene Chloride	0.479	0.411	14.2	100	0.00
16 RT	trans-1,2-Dichloroethene	0.422	0.391	7.3	100	0.00
17 t	1,1-Dichloroethane	0.566	0.549	3.0	104	0.00
18 T	2-Butanone	0.081	0.081	0.0	97	0.00
19	Cyclohexane	0.416	0.453	-8.9	104	0.00
20	Methylcyclohexane	0.418	0.460	-10.0	101	0.00
21 T	2,2-Dichloropropane	0.480	0.419	12.7	97	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.320	0.0	101	0.00
23 t	Diethyl Ether	0.306	0.283	7.5	94	0.00
24 t	tert-Butyl Alcohol	0.047	0.019	59.6#	50	0.00
25 t	Methyl tert-Butyl Ether	1.023	0.991	3.1	99	0.00
26 t	Bromochloromethane	0.141	0.140	0.7	102	0.00
27 t	Chloroform	0.647	0.570	11.9	100	0.00
28 RT	1,1,1-Trichloroethane	0.501	0.489	2.4	101	0.00
29 T	1,1-Dichloropropene	0.413	0.418	-1.2	99	0.00
30 RT	Carbon Tetrachloride	0.441	0.430	2.5	100	0.00
31 t	Isopropyl Ether	0.716	0.807	-12.7	113	0.00
32	Ethyl-t-butyl ether	0.688	0.000	100.0#	0#	-4.05#
33	Tert-Amyl methyl ether	0.619	0.000	100.0#	0#	-5.56#
34 t	Propionitrile	0.023	0.053	-130.4#	206#	0.00
35 RT	Benzene	1.194	1.224	-2.5	102	0.00
36 RT	1,2-Dichloroethane	0.397	0.395	0.5	101	0.00
37 RT	Trichloroethene	0.315	0.325	-3.2	104	0.00
38 Rt	1,2-Dichloropropane	0.329	0.332	-0.9	102	0.00
39 t	Methacrylonitrile	0.092	0.098	-6.5	102	0.00
40 t	Methyl acrylate	0.143	0.152	-6.3	97	0.00
41 t	Tetrahydrofuran	0.046	0.134	-191.3#	265#	0.00
42 t	1-Chlorobutane	0.554	0.564	-1.8	99	0.00
43 T	Dibromomethane	0.182	0.180	1.1	100	0.00
44 T	Bromodichloromethane	0.440	0.442	-0.5	103	0.00
45 T	4-Methyl-2-Pentanone	0.186	0.203	-9.1	99	0.00
46 t	t-1,4-Dichloro-2-butene	0.075	0.041	45.3#	48	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.076	45.3#	49	0.00
48 t	Ethyl methacrylate	0.245	0.305	-24.5	110	0.00
49 Rt	Toluene	0.684	0.771	-12.7	103	0.00
50 T	t-1,3-Dichloropropene	0.367	0.412	-12.3	106	0.00
51 T	cis-1,3-Dichloropropene	0.433	0.471	-8.8	107	0.00
52 RT	1,1,2-Trichloroethane	0.244	0.249	-2.0	103	0.00
53 t	1,3-Dichloropropane	0.412	0.427	-3.6	103	0.00
54 t	2-Hexanone	0.131	0.146	-11.5	100	0.00
55 t	Dibromochloromethane	0.285	0.296	-3.9	102	0.00
56 T	1,2-Dibromoethane	0.227	0.237	-4.4	103	0.00
57 S	4-Bromofluorobenzene	0.392	0.414	-5.6	97	0.00
58 RT	Tetrachloroethene	0.286	0.300	-4.9	104	0.00
59 Rt	Chlorobenzene	0.784	0.831	-6.0	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.298	0.305	-2.3	105	0.00
61 t	Pentachloroethane	0.244	0.243	0.4	103	0.00
62 t	Hexachloroethane	0.236	0.244	-3.4	103	0.00
63 Rt	Ethyl Benzene	1.259	1.484	-17.9	105	0.00
64 RT	m/p-Xylenes	0.504	0.593	-17.7	105	0.00
65 RT	o-Xylene	0.482	0.550	-14.1	102	0.00
66 RT	Styrene	0.818	0.983	-20.2	103	0.00
67 t	Bromoform	0.154	0.172	-11.7	107	0.00
68 S	1,2-Dichlorobenzene-d4	0.405	0.424	-4.7	103	0.00
69 T	Isopropylbenzene	1.237	1.489	-20.4	107	0.00
70 T	1,1,2,2-Tetrachloroethane	0.323	0.326	-0.9	102	0.00
71 T	1,2,3-Trichloropropane	0.249	0.243	2.4	103	0.00
72 t	Bromobenzene	0.327	0.364	-11.3	106	0.00
73 t	n-propylbenzene	0.353	0.409	-15.9	101	0.00
74 t	2-Chlorotoluene	0.322	0.362	-12.4	102	0.00
75 t	1,3,5-Trimethylbenzene	1.111	1.344	-21.0	104	0.00
76 t	4-Chlorotoluene	0.335	0.384	-14.6	103	0.00
77 t	tert-Butylbenzene	1.053	1.186	-12.6	102	0.00
78 t	1,2,4-Trimethylbenzene	1.135	1.359	-19.7	103	0.00
79 t	sec-Butylbenzene	1.449	1.539	-6.2	94	0.00
80	Nitrobenzene	0.013	0.002	84.6#	22	0.00
81 t	p-Isopropyltoluene	1.178	1.413	-19.9	103	0.00
82 t	1,3-Dichlorobenzene	0.695	0.721	-3.7	101	0.00
83 Rt	1,4-Dichlorobenzene	0.687	0.740	-7.7	102	0.00
84 t	n-Butylbenzene	1.205	1.392	-15.5	102	0.00
85 Rt	1,2-Dichlorobenzene	0.651	0.684	-5.1	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.051	0.058	-13.7	110	0.00
87 Rt	1,2,4-Trichlorobenzene	0.388	0.492	-26.8	114	0.00
88 t	Hexachlorobutadiene	0.239	0.255	-6.7	109	0.00
89 t	Naphthalene	0.675	0.962	-42.5#	113	0.00
90 t	1,2,3-Trichlorobenzene	0.376	0.456	-21.3	109	0.00

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