

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071119\
 Data File : VU033201.D
 Acq On : 11 Jul 2019 20:03
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071119

Quant Time: Jul 12 05:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U071119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 12 05:19:33 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	103	0.00
2 T	Dichlorodifluoromethane	0.391	0.254	35.0#	68	0.00
3 t	Chloromethane	0.456	0.362	20.6	84	0.00
4 Rt	Vinyl Chloride	0.470	0.409	13.0	92	0.00
5 T	Bromomethane	0.294	0.263	10.5	99	0.00
6 T	Chloroethane	0.289	0.265	8.3	96	0.00
7 T	Trichlorofluoromethane	0.637	0.587	7.8	95	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.327	0.342	-4.6	109	0.00
9 Rt	1,1-Dichloroethene	0.330	0.346	-4.8	111	0.00
10 t	Iodomethane	0.348	0.421	-21.0	101	0.00
11 t	Allyl Chloride	0.551	0.532	3.4	102	0.00
12 t	Acrylonitrile	0.091	0.231	-153.8#	267#	0.00
13 T	Acetone	0.082	0.072	12.2	101	0.00
14 T	Carbon Disulfide	1.204	1.153	4.2	101	0.00
15 RT	Methylene Chloride	0.441	0.406	7.9	105	0.00
16 RT	trans-1,2-Dichloroethene	0.378	0.392	-3.7	111	0.00
17 t	1,1-Dichloroethane	0.549	0.564	-2.7	106	0.00
18 T	2-Butanone	0.082	0.086	-4.9	106	0.00
19	Cyclohexane	0.419	0.488	-16.5	109	0.00
20	Methylcyclohexane	0.440	0.524	-19.1	110	0.00
21 T	2,2-Dichloropropane	0.461	0.448	2.8	100	0.00
22 RT	cis-1,2-Dichloroethene	0.314	0.340	-8.3	109	0.00
23 t	Diethyl Ether	0.288	0.272	5.6	100	0.00
24 t	tert-Butyl Alcohol	0.035	0.018	48.6#	54	0.00
25 t	Methyl tert-Butyl Ether	0.962	0.987	-2.6	107	0.00
26 t	Bromochloromethane	0.139	0.137	1.4	101	0.00
27 t	Chloroform	0.606	0.591	2.5	106	0.00
28 RT	1,1,1-Trichloroethane	0.479	0.512	-6.9	108	0.00
29 T	1,1-Dichloropropene	0.404	0.443	-9.7	108	0.00
30 RT	Carbon Tetrachloride	0.423	0.446	-5.4	106	0.00
31 t	Isopropyl Ether	0.736	0.871	-18.3	117	0.00
32	Ethyl-t-butyl ether	0.718	0.000	100.0#	0#	-4.05#
33	Tert-Amyl methyl ether	0.662	0.000	100.0#	0#	-5.56#
34 t	Propionitrile	0.023	0.052	-126.1#	212#	0.00
35 RT	Benzene	1.179	1.275	-8.1	107	0.00
36 RT	1,2-Dichloroethane	0.382	0.399	-4.5	106	0.00
37 RT	Trichloroethene	0.308	0.337	-9.4	109	0.00
38 Rt	1,2-Dichloropropane	0.319	0.345	-8.2	107	0.00
39 t	Methacrylonitrile	0.096	0.100	-4.2	103	0.00
40 t	Methyl acrylate	0.142	0.169	-19.0	103	0.00
41 t	Tetrahydrofuran	0.050	0.140	-180.0#	280#	0.00
42 t	1-Chlorobutane	0.549	0.599	-9.1	108	0.00
43 T	Dibromomethane	0.171	0.181	-5.8	105	0.00
44 T	Bromodichloromethane	0.420	0.445	-6.0	107	0.00
45 T	4-Methyl-2-Pentanone	0.192	0.214	-11.5	103	0.00
46 t	t-1,4-Dichloro-2-butene	0.082	0.046	43.9#	49	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.138	0.081	41.3#	53	0.00
48 t	Ethyl methacrylate	0.259	0.324	-25.1	112	0.00
49 Rt	Toluene	0.695	0.812	-16.8	109	0.00
50 T	t-1,3-Dichloropropene	0.373	0.439	-17.7	110	0.00
51 T	cis-1,3-Dichloropropene	0.431	0.497	-15.3	111	0.00
52 RT	1,1,2-Trichloroethane	0.237	0.257	-8.4	109	0.00
53 t	1,3-Dichloropropane	0.401	0.439	-9.5	107	0.00
54 t	2-Hexanone	0.134	0.150	-11.9	102	0.00
55 t	Dibromochloromethane	0.274	0.308	-12.4	110	0.00
56 T	1,2-Dibromoethane	0.219	0.249	-13.7	109	0.00
57 S	4-Bromofluorobenzene	0.378	0.406	-7.4	105	0.00
58 RT	Tetrachloroethene	0.282	0.308	-9.2	109	0.00
59 Rt	Chlorobenzene	0.782	0.875	-11.9	106	0.00
60 T	1,1,1,2-Tetrachloroethane	0.288	0.317	-10.1	109	0.00
61 t	Pentachloroethane	0.226	0.251	-11.1	107	0.00
62 t	Hexachloroethane	0.220	0.252	-14.5	107	0.00
63 Rt	Ethyl Benzene	1.278	1.578	-23.5	110	0.00
64 RT	m/p-Xylenes	0.499	0.618	-23.8	109	0.00
65 RT	o-Xylene	0.485	0.578	-19.2	107	0.00
66 RT	Styrene	0.819	1.022	-24.8	108	0.00
67 t	Bromoform	0.156	0.180	-15.4	111	0.00
68 S	1,2-Dichlorobenzene-d4	0.409	0.426	-4.2	100	0.00
69 T	Isopropylbenzene	1.262	1.578	-25.0	111	0.00
70 T	1,1,2,2-Tetrachloroethane	0.322	0.340	-5.6	105	0.00
71 T	1,2,3-Trichloropropane	0.242	0.241	0.4	102	0.00
72 t	Bromobenzene	0.327	0.380	-16.2	110	0.00
73 t	n-propylbenzene	0.357	0.436	-22.1	106	0.00
74 t	2-Chlorotoluene	0.323	0.375	-16.1	105	0.00
75 t	1,3,5-Trimethylbenzene	1.092	1.409	-29.0	110	0.00
76 t	4-Chlorotoluene	0.329	0.393	-19.5	104	0.00
77 t	tert-Butylbenzene	1.052	1.282	-21.9	108	0.00
78 t	1,2,4-Trimethylbenzene	1.116	1.420	-27.2	108	0.00
79 t	sec-Butylbenzene	1.444	1.628	-12.7	100	0.00
80	Nitrobenzene	0.010	0.002	80.0#	20	0.00
81 t	p-Isopropyltoluene	1.174	1.498	-27.6	109	0.00
82 t	1,3-Dichlorobenzene	0.675	0.763	-13.0	106	0.00
83 Rt	1,4-Dichlorobenzene	0.680	0.783	-15.1	107	0.00
84 t	n-Butylbenzene	1.170	1.459	-24.7	109	0.00
85 Rt	1,2-Dichlorobenzene	0.646	0.720	-11.5	106	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.051	0.061	-19.6	110	0.00
87 Rt	1,2,4-Trichlorobenzene	0.398	0.521	-30.9#	116	0.00
88 t	Hexachlorobutadiene	0.230	0.276	-20.0	115	0.00
89 t	Naphthalene	0.725	1.013	-39.7#	117	0.00
90 t	1,2,3-Trichlorobenzene	0.380	0.489	-28.7	115	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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