

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU030920\
 Data File : VU037135.D
 Acq On : 09 Mar 2020 15:42
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Quant Time: Mar 09 19:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 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	96	0.00
2 T	Dichlorodifluoromethane	0.488	0.294	39.8#	59	0.00
3 t	Chloromethane	0.485	0.401	17.3	80	0.00
4 Rt	Vinyl Chloride	0.427	0.331	22.5	75	0.00
5 T	Bromomethane	0.149	0.150	-0.7	107	0.00
6 T	Chloroethane	0.204	0.185	9.3	91	0.00
7 T	Trichlorofluoromethane	0.518	0.486	6.2	94	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.243	0.244	-0.4	99	0.00
9 Rt	1,1-Dichloroethene	0.231	0.226	2.2	97	0.00
10 t	Iodomethane	0.100	0.119	-19.0	92	0.00
11 t	Allyl Chloride	0.448	0.440	1.8	99	0.00
12 t	Acrylonitrile	0.055	0.141	-156.4#	259#	0.00
13 T	Acetone	0.061	0.080	-31.1#	151	0.00
14 T	Carbon Disulfide	0.770	0.733	4.8	94	0.00
15 RT	Methylene Chloride	0.290	0.266	8.3	104	0.00
16 RT	trans-1,2-Dichloroethene	0.246	0.247	-0.4	100	0.00
17 t	1,1-Dichloroethane	0.569	0.541	4.9	96	0.00
18 T	2-Butanone	0.093	0.102	-9.7	115	0.00
19	Cyclohexane	0.485	0.500	-3.1	98	0.00
20	Methylcyclohexane	0.479	0.499	-4.2	99	0.00
21 T	2,2-Dichloropropane	0.520	0.496	4.6	97	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.312	-2.6	101	0.00
23 t	Diethyl Ether	0.196	0.179	8.7	93	0.00
24 t	tert-Butyl Alcohol	0.021	0.011	47.6#	49	0.00
25 t	Methyl tert-Butyl Ether	0.678	0.655	3.4	98	0.00
26 t	Bromochloromethane	0.134	0.137	-2.2	102	0.00
27 t	Chloroform	0.613	0.580	5.4	98	0.00
28 RT	1,1,1-Trichloroethane	0.523	0.520	0.6	100	0.00
29 T	1,1-Dichloropropene	0.425	0.419	1.4	97	0.00
30 RT	Carbon Tetrachloride	0.457	0.458	-0.2	97	0.00
31 t	Isopropyl Ether	0.909	0.976	-7.4	105	0.00
32	Ethyl-t-butyl ether	0.858	0.000	100.0#	0#	-4.56#
33	Tert-Amyl methyl ether	0.736	0.000	100.0#	0#	-5.99#
34 t	Propionitrile	0.024	0.049	-104.2#	194	0.00
35 RT	Benzene	1.207	1.193	1.2	98	0.00
36 RT	1,2-Dichloroethane	0.437	0.420	3.9	98	0.00
37 RT	Trichloroethene	0.317	0.310	2.2	101	0.00
38 Rt	1,2-Dichloropropane	0.331	0.322	2.7	97	0.00
39 t	Methacrylonitrile	0.118	0.116	1.7	96	0.00
40 t	Methyl acrylate	0.163	0.161	1.2	99	0.00
41 t	Tetrahydrofuran	0.059	0.144	-144.1#	243#	0.00
42 t	1-Chlorobutane	0.612	0.622	-1.6	98	0.00
43 T	Dibromomethane	0.170	0.169	0.6	100	0.00
44 T	Bromodichloromethane	0.442	0.442	0.0	98	0.00
45 T	4-Methyl-2-Pentanone	0.228	0.221	3.1	96	0.00
46 t	t-1,4-Dichloro-2-butene	0.062	0.036	41.9#	54	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.140	0.074	47.1#	48	0.00
48 t	Ethyl methacrylate	0.277	0.295	-6.5	99	0.00
49 Rt	Toluene	0.729	0.763	-4.7	97	0.00
50 T	t-1,3-Dichloropropene	0.398	0.424	-6.5	102	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.475	-4.4	102	0.00
52 RT	1,1,2-Trichloroethane	0.226	0.232	-2.7	101	0.00
53 t	1,3-Dichloropropane	0.402	0.396	1.5	97	0.00
54 t	2-Hexanone	0.157	0.171	-8.9	104	0.00
55 t	Dibromochloromethane	0.280	0.290	-3.6	99	0.00
56 T	1,2-Dibromoethane	0.214	0.223	-4.2	96	0.00
57 S	4-Bromofluorobenzene	0.387	0.396	-2.3	99	0.00
58 RT	Tetrachloroethene	0.297	0.286	3.7	96	0.00
59 Rt	Chlorobenzene	0.813	0.787	3.2	94	0.00
60 T	1,1,1,2-Tetrachloroethane	0.298	0.300	-0.7	96	0.00
61 t	Pentachloroethane	0.227	0.239	-5.3	101	0.00
62 t	Hexachloroethane	0.243	0.256	-5.3	100	0.00
63 Rt	Ethyl Benzene	1.388	1.519	-9.4	100	0.00
64 RT	m/p-Xylenes	0.525	0.568	-8.2	97	0.00
65 RT	o-Xylene	0.507	0.539	-6.3	97	0.00
66 RT	Styrene	0.830	0.928	-11.8	98	0.00
67 t	Bromoform	0.148	0.154	-4.1	95	0.00
68 S	1,2-Dichlorobenzene-d4	0.394	0.401	-1.8	97	0.00
69 T	Isopropylbenzene	1.382	1.521	-10.1	101	0.00
70 T	1,1,2,2-Tetrachloroethane	0.298	0.297	0.3	97	0.00
71 T	1,2,3-Trichloropropane	0.244	0.216	11.5	82	0.00
72 t	Bromobenzene	0.334	0.341	-2.1	102	0.00
73 t	n-propylbenzene	0.366	0.401	-9.6	97	0.00
74 t	2-Chlorotoluene	0.332	0.351	-5.7	98	0.00
75 t	1,3,5-Trimethylbenzene	1.197	1.369	-14.4	103	0.00
76 t	4-Chlorotoluene	0.334	0.364	-9.0	99	0.00
77 t	tert-Butylbenzene	1.167	1.248	-6.9	100	0.00
78 t	1,2,4-Trimethylbenzene	1.208	1.357	-12.3	99	0.00
79 t	sec-Butylbenzene	1.587	1.595	-0.5	93	0.00
80	Nitrobenzene	0.007	0.001	85.7#	18#	0.00
81 t	p-Isopropyltoluene	1.251	1.432	-14.5	101	0.00
82 t	1,3-Dichlorobenzene	0.663	0.674	-1.7	98	0.00
83 Rt	1,4-Dichlorobenzene	0.671	0.680	-1.3	98	0.00
84 t	n-Butylbenzene	1.185	1.406	-18.6	104	0.00
85 Rt	1,2-Dichlorobenzene	0.641	0.634	1.1	98	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.053	0.057	-7.5	99	0.00
87 Rt	1,2,4-Trichlorobenzene	0.322	0.406	-26.1	110	0.00
88 t	Hexachlorobutadiene	0.199	0.213	-7.0	104	0.00
89 t	Naphthalene	0.547	0.715	-30.7#	106	0.00
90 t	1,2,3-Trichlorobenzene	0.314	0.375	-19.4	107	0.00

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