

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027349.D
 Acq On : 02 Oct 2018 17:59
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Quant Time: Oct 03 09:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 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	0.335	0.214	36.1#	62	0.00
3 t	Chloromethane	0.390	0.346	11.3	86	0.00
4 Rt	Vinyl Chloride	0.396	0.359	9.3	89	0.00
5 T	Bromomethane	0.166	0.170	-2.4	96	0.00
6 T	Chloroethane	0.313	0.238	24.0	95	0.00
7 T	Trichlorofluoromethane	0.459	0.419	8.7	90	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.270	0.256	5.2	94	0.00
9 Rt	1,1-Dichloroethene	0.225	0.234	-4.0	103	0.00
10 t	Iodomethane	0.254	0.293	-15.4	97	0.00
11 t	Allyl Chloride	0.594	0.593	0.2	101	0.00
12 t	Acrylonitrile	0.078	0.185	-137.2#	238#	0.00
13 T	Acetone	0.073	0.087	-19.2	134	0.00
14 T	Carbon Disulfide	0.699	0.759	-8.6	108	0.00
15 RT	Methylene Chloride	0.322	0.290	9.9	98	0.00
16 RT	trans-1,2-Dichloroethene	0.262	0.262	0.0	99	0.00
17 t	1,1-Dichloroethane	0.632	0.636	-0.6	98	0.00
18 T	2-Butanone	0.119	0.123	-3.4	108	0.00
19	Cyclohexane	0.477	0.492	-3.1	101	0.00
20	Methylcyclohexane	0.428	0.464	-8.4	101	0.00
21 T	2,2-Dichloropropane	0.541	0.521	3.7	99	0.00
22 RT	cis-1,2-Dichloroethene	0.315	0.307	2.5	98	0.00
23 t	Diethyl Ether	0.240	0.233	2.9	95	0.00
24 t	tert-Butyl Alcohol	0.027	0.012	55.6#	46	0.00
25 t	Methyl tert-Butyl Ether	0.751	0.739	1.6	94	0.00
26 t	Bromochloromethane	0.116	0.104	10.3	88	0.00
27 t	Chloroform	0.577	0.566	1.9	97	0.00
28 RT	1,1,1-Trichloroethane	0.468	0.471	-0.6	98	0.00
29 T	1,1-Dichloropropene	0.421	0.422	-0.2	99	0.00
30 RT	Carbon Tetrachloride	0.387	0.391	-1.0	97	0.00
31 t	Isopropyl Ether	1.201	1.192	0.7	98	0.00
32	Ethyl-t-butyl ether	0.938	0.000	100.0#	0#	-4.08#
33	Tert-Amyl methyl ether	0.751	0.000	100.0#	0#	-5.59#
34 t	Propionitrile	0.031	0.059	-90.3#	186	0.00
35 RT	Benzene	1.232	1.226	0.5	97	0.00
36 RT	1,2-Dichloroethane	0.404	0.388	4.0	92	0.00
37 RT	Trichloroethene	0.273	0.273	0.0	99	0.00
38 Rt	1,2-Dichloropropane	0.372	0.363	2.4	96	0.00
39 t	Methacrylonitrile	0.161	0.143	11.2	94	0.00
40 t	Methyl acrylate	0.204	0.190	6.9	95	0.00
41 t	Tetrahydrofuran	0.085	0.178	-109.4#	236#	0.00
42 t	1-Chlorobutane	0.678	0.691	-1.9	97	0.00
43 T	Dibromomethane	0.155	0.155	0.0	92	0.00
44 T	Bromodichloromethane	0.420	0.416	1.0	95	0.00
45 T	4-Methyl-2-Pentanone	0.239	0.244	-2.1	93	0.00
46 t	t-1,4-Dichloro-2-butene	0.069	0.047	31.9#	59	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.156	0.078	50.0#	47	0.00
48 t	Ethyl methacrylate	0.272	0.290	-6.6	94	0.00
49 Rt	Toluene	0.673	0.715	-6.2	97	0.00
50 T	t-1,3-Dichloropropene	0.373	0.407	-9.1	100	0.00
51 T	cis-1,3-Dichloropropene	0.447	0.464	-3.8	97	0.00
52 RT	1,1,2-Trichloroethane	0.218	0.218	0.0	96	0.00
53 t	1,3-Dichloropropane	0.414	0.415	-0.2	95	0.00
54 t	2-Hexanone	0.165	0.188	-13.9	102	0.00
55 t	Dibromochloromethane	0.241	0.243	-0.8	94	0.00
56 T	1,2-Dibromoethane	0.193	0.200	-3.6	99	0.00
57 S	4-Bromofluorobenzene	0.379	0.426	-12.4	105	0.00
58 RT	Tetrachloroethene	0.242	0.245	-1.2	96	0.00
59 Rt	Chlorobenzene	0.702	0.735	-4.7	97	0.00
60 T	1,1,1,2-Tetrachloroethane	0.270	0.274	-1.5	96	0.00
61 t	Pentachloroethane	0.223	0.232	-4.0	99	0.00
62 t	Hexachloroethane	0.213	0.230	-8.0	99	0.00
63 Rt	Ethyl Benzene	1.206	1.362	-12.9	98	0.00
64 RT	m/p-Xylenes	0.452	0.526	-16.4	98	0.00
65 RT	o-Xylene	0.429	0.483	-12.6	95	0.00
66 RT	Styrene	0.753	0.845	-12.2	93	0.00
67 t	Bromoform	0.129	0.131	-1.6	94	0.00
68 S	1,2-Dichlorobenzene-d4	0.322	0.348	-8.1	95	0.00
69 T	Isopropylbenzene	1.131	1.368	-21.0	101	0.00
70 T	1,1,2,2-Tetrachloroethane	0.295	0.284	3.7	91	0.00
71 T	1,2,3-Trichloropropane	0.227	0.215	5.3	89	0.00
72 t	Bromobenzene	0.273	0.295	-8.1	99	0.00
73 t	n-propylbenzene	0.305	0.366	-20.0	98	0.00
74 t	2-Chlorotoluene	0.278	0.313	-12.6	96	0.00
75 t	1,3,5-Trimethylbenzene	1.006	1.189	-18.2	98	0.00
76 t	4-Chlorotoluene	0.286	0.330	-15.4	97	0.00
77 t	tert-Butylbenzene	0.950	1.072	-12.8	96	0.00
78 t	1,2,4-Trimethylbenzene	1.027	1.216	-18.4	97	0.00
79 t	sec-Butylbenzene	1.304	1.468	-12.6	92	0.00
80	Nitrobenzene	0.012	0.003	75.0#	25	0.00
81 t	p-Isopropyltoluene	1.049	1.263	-20.4	96	0.00
82 t	1,3-Dichlorobenzene	0.575	0.615	-7.0	96	0.00
83 Rt	1,4-Dichlorobenzene	0.575	0.619	-7.7	96	0.00
84 t	n-Butylbenzene	1.064	1.293	-21.5	97	0.00
85 Rt	1,2-Dichlorobenzene	0.532	0.566	-6.4	95	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.045	0.047	-4.4	96	0.00
87 Rt	1,2,4-Trichlorobenzene	0.337	0.414	-22.8	105	0.00
88 t	Hexachlorobutadiene	0.223	0.240	-7.6	99	0.00
89 t	Naphthalene	0.595	0.737	-23.9	100	0.00
90 t	1,2,3-Trichlorobenzene	0.333	0.379	-13.8	97	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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