

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090718\
 Data File : VU026610.D
 Acq On : 07 Sep 2018 09:02
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 07 12:16:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 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	72	0.00
2 T	Dichlorodifluoromethane	0.389	0.308	20.8	60	0.00
3 t	Chloromethane	0.332	0.369	-11.1	85	0.00
4 Rt	Vinyl Chloride	0.332	0.364	-9.6	82	0.00
5 T	Bromomethane	0.183	0.170	7.1	69	0.00
6 T	Chloroethane	0.199	0.225	-13.1	87	0.00
7 T	Trichlorofluoromethane	0.491	0.462	5.9	72	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.272	0.272	0.0	75	0.00
9 Rt	1,1-Dichloroethene	0.232	0.235	-1.3	77	0.00
10 t	Iodomethane	0.326	0.214	34.4#	43	0.00
11 t	Allyl Chloride	0.391	0.453	-15.9	87	0.00
12 t	Acrylonitrile	0.053	0.066	-24.5	98	0.01
13 T	Acetone	0.049	0.087	-77.6#	151	0.03
14 T	Carbon Disulfide	0.803	0.820	-2.1	78	0.00
15 RT	Methylene Chloride	0.305	0.275	9.8	81	0.00
16 RT	trans-1,2-Dichloroethene	0.269	0.263	2.2	77	0.00
17 t	1,1-Dichloroethane	0.492	0.529	-7.5	82	0.00
18 T	2-Butanone	0.075	0.093	-24.0	91	0.02
19	Cyclohexane	0.361	0.357	1.1	67	0.00
20	Methylcyclohexane	0.423	0.416	1.7	65	0.00
21 T	2,2-Dichloropropane	0.505	0.396	21.6	59	0.00
22 RT	cis-1,2-Dichloroethene	0.326	0.268	17.8	60	0.00
23 t	Diethyl Ether	0.178	0.199	-11.8	85	0.00
24 t	tert-Butyl Alcohol	0.018	0.018	0.0	80	0.08
25 t	Methyl tert-Butyl Ether	0.605	0.631	-4.3	79	0.00
26 t	Bromochloromethane	0.146	0.113	22.6	56	0.00
27 t	Chloroform	0.569	0.453	20.4	60	0.00
28 RT	1,1,1-Trichloroethane	0.505	0.389	23.0	57	0.00
29 T	1,1-Dichloropropene	0.399	0.354	11.3	62	0.00
30 RT	Carbon Tetrachloride	0.477	0.352	26.2	54	0.00
31 t	Isopropyl Ether	0.810	0.756	6.7	69	0.00
32	Ethyl-t-butyl ether	0.710	0.649	8.6	66	0.00
33	Tert-Amyl methyl ether	0.606	0.558	7.9	62	0.00
34 t	Propionitrile	0.021	0.022	-4.8	77	0.03
35 RT	Benzene	1.152	1.019	11.5	65	0.00
36 RT	1,2-Dichloroethane	0.357	0.292	18.2	61	0.00
37 RT	Trichloroethene	0.324	0.265	18.2	61	0.00
38 Rt	1,2-Dichloropropane	0.298	0.273	8.4	66	0.00
39 t	Methacrylonitrile	0.091	0.085	6.6	66	0.00
40 t	Methyl acrylate	0.137	0.139	-1.5	72	0.00
41 t	Tetrahydrofuran	0.050	0.046	8.0	74	0.01
42 t	1-Chlorobutane	0.539	0.495	8.2	63	0.00
43 T	Dibromomethane	0.159	0.133	16.4	61	0.00
44 T	Bromodichloromethane	0.409	0.334	18.3	61	0.00
45 T	4-Methyl-2-Pentanone	0.161	0.168	-4.3	71	0.00
46 t	t-1,4-Dichloro-2-butene	0.074	0.061	17.6	55	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.121	0.120	0.8	65	0.00
48 t	Ethyl methacrylate	0.222	0.231	-4.1	67	0.00
49 Rt	Toluene	0.658	0.607	7.8	62	0.00
50 T	t-1,3-Dichloropropene	0.349	0.309	11.5	62	0.00
51 T	cis-1,3-Dichloropropene	0.405	0.367	9.4	64	0.00
52 RT	1,1,2-Trichloroethane	0.215	0.180	16.3	62	0.00
53 t	1,3-Dichloropropane	0.357	0.313	12.3	63	0.00
54 t	2-Hexanone	0.114	0.141	-23.7	84	0.00
55 t	Dibromochloromethane	0.287	0.222	22.6	56	0.00
56 T	1,2-Dibromoethane	0.209	0.170	18.7	59	0.00
57 S	4-Bromofluorobenzene	0.359	0.362	-0.8	69	0.00
58 RT	Tetrachloroethene	0.307	0.241	21.5	57	0.00
59 Rt	Chlorobenzene	0.762	0.662	13.1	61	0.00
60 T	1,1,1,2-Tetrachloroethane	0.304	0.245	19.4	59	0.00
61 t	Pentachloroethane	0.259	0.202	22.0	58	0.00
62 t	Hexachloroethane	0.259	0.209	19.3	56	0.00
63 Rt	Ethyl Benzene	1.209	1.154	4.5	62	0.00
64 RT	m/p-Xylenes	0.483	0.458	5.2	60	0.00
65 RT	o-Xylene	0.460	0.436	5.2	62	0.00
66 RT	Styrene	0.788	0.739	6.2	60	0.00
67 t	Bromoform	0.169	0.133	21.3	56	0.00
68 S	1,2-Dichlorobenzene-d4	0.419	0.396	5.5	68	0.00
69 T	Isopropylbenzene	1.217	1.142	6.2	60	0.00
70 T	1,1,2,2-Tetrachloroethane	0.270	0.236	12.6	64	0.00
71 T	1,2,3-Trichloropropane	0.193	0.178	7.8	66	0.00
72 t	Bromobenzene	0.341	0.282	17.3	57	0.00
73 t	n-propylbenzene	0.356	0.326	8.4	57	0.00
74 t	2-Chlorotoluene	0.321	0.286	10.9	59	0.00
75 t	1,3,5-Trimethylbenzene	1.081	1.008	6.8	59	0.00
76 t	4-Chlorotoluene	0.330	0.294	10.9	59	0.00
77 t	tert-Butylbenzene	1.077	0.983	8.7	59	0.00
78 t	1,2,4-Trimethylbenzene	1.119	1.034	7.6	58	0.00
79 t	sec-Butylbenzene	1.411	1.309	7.2	59	0.00
80	Nitrobenzene	0.012	0.010	16.7	57	0.00
81 t	p-Isopropyltoluene	1.194	1.099	8.0	57	0.00
82 t	1,3-Dichlorobenzene	0.717	0.570	20.5	55	0.00
83 Rt	1,4-Dichlorobenzene	0.716	0.566	20.9	55	0.00
84 t	n-Butylbenzene	1.155	1.042	9.8	57	0.00
85 Rt	1,2-Dichlorobenzene	0.659	0.534	19.0	57	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.047	0.037	21.3	58	0.00
87 Rt	1,2,4-Trichlorobenzene	0.463	0.376	18.8	56	0.00
88 t	Hexachlorobutadiene	0.283	0.229	19.1	57	0.00
89 t	Naphthalene	0.730	0.656	10.1	57	0.00
90 t	1,2,3-Trichlorobenzene	0.436	0.361	17.2	55	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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