

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090718\
 Data File : VU026617.D
 Acq On : 07 Sep 2018 12:22
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 07 23:07:17 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	73	0.00
2 T	Dichlorodifluoromethane	0.389	0.294	24.4	57	0.00
3 t	Chloromethane	0.332	0.354	-6.6	83	0.00
4 Rt	Vinyl Chloride	0.332	0.345	-3.9	79	0.00
5 T	Bromomethane	0.183	0.163	10.9	66	0.00
6 T	Chloroethane	0.199	0.211	-6.0	83	0.00
7 T	Trichlorofluoromethane	0.491	0.434	11.6	68	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.272	0.260	4.4	72	0.00
9 Rt	1,1-Dichloroethene	0.232	0.226	2.6	75	0.00
10 t	Iodomethane	0.326	0.212	35.0#	43	0.00
11 t	Allvl Chloride	0.391	0.436	-11.5	84	0.00
12 t	Acrylonitrile	0.053	0.058	-9.4	87	0.00
13 T	Acetone	0.049	0.052	-6.1	92	0.00
14 T	Carbon Disulfide	0.803	0.798	0.6	76	0.00
15 RT	Methylene Chloride	0.305	0.268	12.1	80	0.00
16 RT	trans-1,2-Dichloroethene	0.269	0.256	4.8	76	0.00
17 t	1,1-Dichloroethane	0.492	0.456	7.3	72	0.00
18 T	2-Butanone	0.075	0.071	5.3	70	0.00
19	Cyclohexane	0.361	0.335	7.2	64	0.00
20	Methylcyclohexane	0.423	0.388	8.3	61	0.00
21 T	2,2-Dichloropropane	0.505	0.358	29.1	54	0.00
22 RT	cis-1,2-Dichloroethene	0.326	0.258	20.9	59	0.00
23 t	Diethyl Ether	0.178	0.188	-5.6	81	0.00
24 t	tert-Butyl Alcohol	0.018	0.020	-11.1	88	0.01
25 t	Methyl tert-Butyl Ether	0.605	0.606	-0.2	76	0.00
26 t	Bromochloromethane	0.146	0.107	26.7	54	0.00
27 t	Chloroform	0.569	0.445	21.8	60	0.00
28 RT	1,1,1-Trichloroethane	0.505	0.369	26.9	55	0.00
29 T	1,1-Dichloropropene	0.399	0.339	15.0	60	0.00
30 RT	Carbon Tetrachloride	0.477	0.339	28.9	53	0.00
31 t	Isopropyl Ether	0.810	0.715	11.7	66	0.00
32	Ethyl-t-butyl ether	0.710	0.616	13.2	63	0.00
33	Tert-Amyl methyl ether	0.606	0.535	11.7	60	0.00
34 t	Propionitrile	0.021	0.020	4.8	68	0.00
35 RT	Benzene	1.152	0.984	14.6	63	0.00
36 RT	1,2-Dichloroethane	0.357	0.281	21.3	59	0.00
37 RT	Trichloroethene	0.324	0.255	21.3	59	0.00
38 Rt	1,2-Dichloropropane	0.298	0.263	11.7	65	0.00
39 t	Methacrylonitrile	0.091	0.082	9.9	64	0.00
40 t	Methyl acrylate	0.137	0.121	11.7	63	0.00
41 t	Tetrahydrofuran	0.050	0.042	16.0	67	0.00
42 t	1-Chlorobutane	0.539	0.479	11.1	62	0.00
43 T	Dibromomethane	0.159	0.127	20.1	59	0.00
44 T	Bromodichloromethane	0.409	0.319	22.0	58	0.00
45 T	4-Methyl-2-Pentanone	0.161	0.154	4.3	66	0.00
46 t	t-1,4-Dichloro-2-butene	0.074	0.055	25.7	51	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.121	0.113	6.6	62	0.00
48 t	Ethyl methacrylate	0.222	0.217	2.3	63	0.00
49 Rt	Toluene	0.658	0.588	10.6	61	0.00
50 T	t-1,3-Dichloropropene	0.349	0.287	17.8	58	0.00
51 T	cis-1,3-Dichloropropene	0.405	0.345	14.8	60	0.00
52 RT	1,1,2-Trichloroethane	0.215	0.175	18.6	61	0.00
53 t	1,3-Dichloropropane	0.357	0.302	15.4	62	0.00
54 t	2-Hexanone	0.114	0.109	4.4	65	0.00
55 t	Dibromochloromethane	0.287	0.214	25.4	55	0.00
56 T	1,2-Dibromoethane	0.209	0.162	22.5	57	0.00
57 S	4-Bromofluorobenzene	0.359	0.355	1.1	68	0.00
58 RT	Tetrachloroethene	0.307	0.238	22.5	57	0.00
59 Rt	Chlorobenzene	0.762	0.633	16.9	59	0.00
60 T	1,1,1,2-Tetrachloroethane	0.304	0.234	23.0	56	0.00
61 t	Pentachloroethane	0.259	0.190	26.6	55	0.00
62 t	Hexachloroethane	0.259	0.200	22.8	54	0.00
63 Rt	Ethyl Benzene	1.209	1.117	7.6	61	0.00
64 RT	m/p-Xylenes	0.483	0.443	8.3	59	0.00
65 RT	o-Xylene	0.460	0.417	9.3	60	0.00
66 RT	Styrene	0.788	0.721	8.5	59	0.00
67 t	Bromoform	0.169	0.126	25.4	54	0.00
68 S	1,2-Dichlorobenzene-d4	0.419	0.392	6.4	68	0.00
69 T	Isopropylbenzene	1.217	1.098	9.8	59	0.00
70 T	1,1,2,2-Tetrachloroethane	0.270	0.218	19.3	60	0.00
71 T	1,2,3-Trichloropropane	0.193	0.143	25.9	54	0.00
72 t	Bromobenzene	0.341	0.273	19.9	56	0.00
73 t	n-propylbenzene	0.356	0.315	11.5	56	0.00
74 t	2-Chlorotoluene	0.321	0.275	14.3	57	0.00
75 t	1,3,5-Trimethylbenzene	1.081	0.977	9.6	57	0.00
76 t	4-Chlorotoluene	0.330	0.290	12.1	58	0.00
77 t	tert-Butylbenzene	1.077	0.940	12.7	57	0.00
78 t	1,2,4-Trimethylbenzene	1.119	1.011	9.7	57	0.00
79 t	sec-Butylbenzene	1.411	1.274	9.7	58	0.00
80	Nitrobenzene	0.012	0.010	16.7	55	0.00
81 t	p-Isopropyltoluene	1.194	1.077	9.8	57	0.00
82 t	1,3-Dichlorobenzene	0.717	0.555	22.6	54	0.00
83 Rt	1,4-Dichlorobenzene	0.716	0.561	21.6	55	0.00
84 t	n-Butylbenzene	1.155	1.039	10.0	58	0.00
85 Rt	1,2-Dichlorobenzene	0.659	0.517	21.5	56	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.047	0.035	25.5	55	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	58	0.00
89 t	Naphthalene	0.730	0.634	13.2	56	0.00
90 t	1,2,3-Trichlorobenzene	0.436	0.360	17.4	56	0.00

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