

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090920\
 Data File : VU040069.D
 Acq On : 09 Sep 2020 18:42
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 10 04:43:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 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	99	0.00
2 T	Dichlorodifluoromethane	0.284	0.286	-0.7	101	0.00
3 t	Chloromethane	0.300	0.290	3.3	100	0.00
4 Rt	Vinyl Chloride	0.295	0.297	-0.7	105	0.00
5 T	Bromomethane	0.220	0.174	20.9	96	0.00
6 T	Chloroethane	0.195	0.177	9.2	98	0.00
7 T	Trichlorofluoromethane	0.443	0.457	-3.2	103	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.256	0.252	1.6	100	0.00
9 Rt	1,1-Dichloroethene	0.216	0.212	1.9	99	0.00
10 t	Iodomethane	0.171	0.260	-52.0#	104	0.00
11 t	Allyl Chloride	0.427	0.421	1.4	102	0.00
12 t	Acrylonitrile	0.075	0.082	-9.3	112	0.00
13 T	Acetone	0.069	0.069	0.0	102	0.00
14 T	Carbon Disulfide	0.601	0.592	1.5	100	0.00
15 RT	Methylene Chloride	0.331	0.266	19.6	99	0.00
16 RT	trans-1,2-Dichloroethene	0.235	0.244	-3.8	103	0.00
17 t	1,1-Dichloroethane	0.512	0.505	1.4	103	0.00
18 T	2-Butanone	0.105	0.112	-6.7	110	0.02
19	Cyclohexane	0.426	0.431	-1.2	105	0.00
20	Methylcyclohexane	0.394	0.414	-5.1	99	0.00
21 T	2,2-Dichloropropane	0.487	0.460	5.5	102	0.00
22 RT	cis-1,2-Dichloroethene	0.273	0.271	0.7	101	0.00
23 t	Diethyl Ether	0.205	0.210	-2.4	106	0.00
24 t	tert-Butyl Alcohol	0.028	0.026	7.1	103	0.04
25 t	Methyl tert-Butyl Ether	0.721	0.729	-1.1	102	0.00
26 t	Bromochloromethane	0.119	0.120	-0.8	103	0.00
27 t	Chloroform	0.520	0.530	-1.9	106	0.00
28 RT	1,1,1-Trichloroethane	0.452	0.452	0.0	101	0.00
29 T	1,1-Dichloropropene	0.385	0.389	-1.0	102	0.00
30 RT	Carbon Tetrachloride	0.410	0.414	-1.0	101	0.00
31 t	Isopropyl Ether	0.882	0.891	-1.0	103	0.00
32	Ethyl-t-butyl ether	0.800	0.812	-1.5	102	0.00
33	Tert-Amyl methyl ether	0.704	0.731	-3.8	102	0.00
34 t	Propionitrile	0.027	0.030	-11.1	113	0.01
35 RT	Benzene	1.066	1.105	-3.7	102	0.00
36 RT	1,2-Dichloroethane	0.415	0.426	-2.7	103	0.00
37 RT	Trichloroethene	0.271	0.267	1.5	98	0.00
38 Rt	1,2-Dichloropropane	0.309	0.319	-3.2	103	0.00
39 t	Methacrylonitrile	0.142	0.136	4.2	105	0.00
40 t	Methyl acrylate	0.183	0.195	-6.6	111	0.00
41 t	Tetrahydrofuran	0.068	0.068	0.0	113	0.00
42 t	1-Chlorobutane	0.569	0.580	-1.9	102	0.00
43 T	Dibromomethane	0.178	0.180	-1.1	104	0.00
44 T	Bromodichloromethane	0.428	0.433	-1.2	103	0.00
45 T	4-Methyl-2-Pentanone	0.243	0.271	-11.5	107	0.00
46 t	t-1,4-Dichloro-2-butene	0.093	0.119	-28.0	121	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.153	0.169	-10.5	104	0.00
48 t	Ethyl methacrylate	0.278	0.313	-12.6	104	0.00
49 Rt	Toluene	0.644	0.702	-9.0	106	0.00
50 T	t-1,3-Dichloropropene	0.386	0.423	-9.6	105	0.00
51 T	cis-1,3-Dichloropropene	0.430	0.444	-3.3	100	0.00
52 RT	1,1,2-Trichloroethane	0.228	0.235	-3.1	103	0.00
53 t	1,3-Dichloropropane	0.410	0.432	-5.4	104	0.00
54 t	2-Hexanone	0.176	0.193	-9.7	105	0.00
55 t	Dibromochloromethane	0.267	0.285	-6.7	105	0.00
56 T	1,2-Dibromoethane	0.213	0.228	-7.0	107	0.00
57 S	4-Bromofluorobenzene	0.408	0.384	5.9	89	0.00
58 RT	Tetrachloroethene	0.263	0.264	-0.4	100	0.00
59 Rt	Chlorobenzene	0.714	0.747	-4.6	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.262	0.272	-3.8	101	0.00
61 t	Pentachloroethane	0.178	0.181	-1.7	103	0.00
62 t	Hexachloroethane	0.227	0.236	-4.0	103	0.00
63 Rt	Ethyl Benzene	1.219	1.344	-10.3	101	0.00
64 RT	m/p-Xylenes	0.455	0.518	-13.8	102	0.00
65 RT	o-Xylene	0.440	0.485	-10.2	101	0.00
66 RT	Styrene	0.772	0.877	-13.6	100	0.00
67 t	Bromoform	0.137	0.154	-12.4	107	0.00
68 S	1,2-Dichlorobenzene-d4	0.373	0.363	2.7	96	0.00
69 T	Isopropylbenzene	1.210	1.335	-10.3	101	0.00
70 T	1,1,2,2-Tetrachloroethane	0.305	0.314	-3.0	102	0.00
71 T	1,2,3-Trichloropropane	0.237	0.246	-3.8	103	0.00
72 t	Bromobenzene	0.282	0.295	-4.6	102	0.00
73 t	n-propylbenzene	0.333	0.363	-9.0	99	0.00
74 t	2-Chlorotoluene	0.291	0.315	-8.2	102	0.00
75 t	1,3,5-Trimethylbenzene	1.060	1.195	-12.7	100	0.00
76 t	4-Chlorotoluene	0.313	0.334	-6.7	100	0.00
77 t	tert-Butylbenzene	0.986	1.092	-10.8	102	0.00
78 t	1,2,4-Trimethylbenzene	1.112	1.248	-12.2	103	0.00
79 t	sec-Butylbenzene	1.428	1.556	-9.0	99	0.00
80	Nitrobenzene	0.012	0.013	-8.3	99	0.00
81 t	p-Isopropyltoluene	1.137	1.286	-13.1	101	0.00
82 t	1,3-Dichlorobenzene	0.622	0.643	-3.4	102	0.00
83 Rt	1,4-Dichlorobenzene	0.618	0.641	-3.7	101	0.00
84 t	n-Butylbenzene	1.169	1.350	-15.5	102	0.00
85 Rt	1,2-Dichlorobenzene	0.598	0.614	-2.7	100	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.057	0.060	-5.3	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.345	0.384	-11.3	101	0.00
88 t	Hexachlorobutadiene	0.178	0.190	-6.7	100	0.00
89 t	Naphthalene	0.673	0.820	-21.8	99	0.00
90 t	1,2,3-Trichlorobenzene	0.321	0.354	-10.3	100	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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