

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU020619\
 Data File : VU029362.D
 Acq On : 06 Feb 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 08 12:36:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 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	91	0.00
2 T	Dichlorodifluoromethane	0.373	0.347	7.0	85	0.00
3 t	Chloromethane	0.341	0.299	12.3	83	0.00
4 Rt	Vinyl Chloride	0.400	0.369	7.8	83	0.00
5 T	Bromomethane	0.222	0.213	4.1	96	0.00
6 T	Chloroethane	0.234	0.222	5.1	87	0.00
7 T	Trichlorofluoromethane	0.558	0.567	-1.6	91	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.309	-4.7	94	0.00
9 Rt	1,1-Dichloroethene	0.288	0.293	-1.7	92	0.00
10 t	Iodomethane	0.370	0.411	-11.1	86	0.00
11 t	Allyl Chloride	0.484	0.445	8.1	82	0.00
12 t	Acrylonitrile	0.065	0.061	6.2	86	0.00
13 T	Acetone	0.062	0.057	8.1	87	0.00
14 T	Carbon Disulfide	1.019	0.986	3.2	88	0.00
15 RT	Methylene Chloride	0.350	0.320	8.6	91	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.322	0.3	91	0.00
17 t	1,1-Dichloroethane	0.511	0.512	-0.2	92	0.00
18 T	2-Butanone	0.070	0.068	2.9	81	0.00
19	Cyclohexane	0.474	0.410	13.5	83	0.00
20	Methylcyclohexane	0.498	0.486	2.4	86	0.00
21 T	2,2-Dichloropropane	0.473	0.452	4.4	87	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.306	-0.7	90	0.00
23 t	Diethyl Ether	0.232	0.220	5.2	86	0.00
24 t	tert-Butyl Alcohol	0.024	0.023	4.2	86	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.794	2.2	88	0.00
26 t	Bromochloromethane	0.134	0.135	-0.7	90	0.00
27 t	Chloroform	0.497	0.489	1.6	87	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.456	1.1	88	0.00
29 T	1,1-Dichloropropene	0.400	0.381	4.8	85	0.00
30 RT	Carbon Tetrachloride	0.417	0.429	-2.9	91	0.00
31 t	Isopropyl Ether	0.771	0.707	8.3	81	0.00
32	Ethyl-t-butyl ether	0.773	0.726	6.1	84	0.00
33	Tert-Amyl methyl ether	0.699	0.687	1.7	87	0.00
34 t	Propionitrile	0.018	0.018	0.0	79	0.00
35 RT	Benzene	1.106	1.075	2.8	86	0.00
36 RT	1,2-Dichloroethane	0.335	0.315	6.0	82	0.00
37 RT	Trichloroethene	0.317	0.335	-5.7	94	0.00
38 Rt	1,2-Dichloropropane	0.288	0.273	5.2	84	0.00
39 t	Methacrylonitrile	0.094	0.084	10.6	79	0.00
40 t	Methyl acrylate	0.142	0.134	5.6	83	0.00
41 t	Tetrahydrofuran	0.047	0.041	12.8	78	0.00
42 t	1-Chlorobutane	0.536	0.497	7.3	82	0.00
43 T	Dibromomethane	0.153	0.147	3.9	87	0.00
44 T	Bromodichloromethane	0.391	0.378	3.3	86	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.167	7.2	80	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.084	4.5	81	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.135	0.0	85	0.00
48 t	Ethyl methacrylate	0.289	0.288	0.3	84	0.00
49 Rt	Toluene	0.708	0.707	0.1	88	0.00
50 T	t-1,3-Dichloropropene	0.383	0.372	2.9	83	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.439	3.5	84	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.206	-1.5	89	0.00
53 t	1,3-Dichloropropane	0.357	0.347	2.8	85	0.00
54 t	2-Hexanone	0.126	0.119	5.6	78	0.00
55 t	Dibromochloromethane	0.289	0.293	-1.4	89	0.00
56 T	1,2-Dibromoethane	0.208	0.203	2.4	87	0.00
57 S	4-Bromofluorobenzene	0.390	0.406	-4.1	94	0.00
58 RT	Tetrachloroethene	0.295	0.317	-7.5	94	0.00
59 Rt	Chlorobenzene	0.797	0.822	-3.1	90	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.306	-3.7	91	0.00
61 t	Pentachloroethane	0.228	0.235	-3.1	89	0.00
62 t	Hexachloroethane	0.249	0.260	-4.4	90	0.00
63 Rt	Ethyl Benzene	1.385	1.380	0.4	87	0.00
64 RT	m/p-Xylenes	0.538	0.551	-2.4	89	0.00
65 RT	o-Xylene	0.528	0.542	-2.7	88	0.00
66 RT	Styrene	0.881	0.904	-2.6	88	0.00
67 t	Bromoform	0.180	0.189	-5.0	90	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.438	-9.5	95	0.00
69 T	Isopropylbenzene	1.411	1.438	-1.9	88	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.258	0.8	86	0.00
71 T	1,2,3-Trichloropropane	0.179	0.187	-4.5	87	0.00
72 t	Bromobenzene	0.342	0.372	-8.8	93	0.00
73 t	n-propylbenzene	0.393	0.416	-5.9	91	0.00
74 t	2-Chlorotoluene	0.335	0.353	-5.4	92	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.232	-1.2	88	0.00
76 t	4-Chlorotoluene	0.347	0.368	-6.1	91	0.00
77 t	tert-Butylbenzene	1.203	1.237	-2.8	89	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.249	-1.4	87	0.00
79 t	sec-Butylbenzene	1.574	1.608	-2.2	87	0.00
80	Nitrobenzene	0.012	0.012	0.0	70	0.00
81 t	p-Isopropyltoluene	1.334	1.399	-4.9	89	0.00
82 t	1,3-Dichlorobenzene	0.671	0.725	-8.0	92	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.719	-7.6	91	0.00
84 t	n-Butylbenzene	1.224	1.256	-2.6	86	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.678	-6.8	91	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.046	6.1	83	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.510	-14.3	93	0.00
88 t	Hexachlorobutadiene	0.258	0.307	-19.0	102	0.00
89 t	Naphthalene	0.756	0.833	-10.2	87	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.457	-12.3	94	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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