

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU022619\
 Data File : VU029671.D
 Acq On : 26 Feb 2019 09:53
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 27 00:27:13 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	107	0.00
2 T	Dichlorodifluoromethane	10.000	9.539	4.6	103	0.00
3 t	Chloromethane	10.000	8.226	17.7	92	0.00
4 Rt	Vinyl Chloride	10.000	8.875	11.3	94	0.00
5 T	Bromomethane	10.000	8.680	13.2	102	0.00
6 T	Chloroethane	10.000	9.243	7.6	100	0.00
7 T	Trichlorofluoromethane	10.000	9.093	9.1	96	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.994	0.1	106	0.00
9 Rt	1,1-Dichloroethene	10.000	9.849	1.5	105	0.00
10 t	Iodomethane	10.000	5.449	45.5#	56	0.00
11 t	Allyl Chloride	10.000	8.080	19.2	85	0.00
12 t	Acrylonitrile	20.000	18.909	5.5	102	0.00
13 T	Acetone	51.000	43.932	13.9	96	0.00
14 T	Carbon Disulfide	10.000	9.136	8.6	98	0.00
15 RT	Methylene Chloride	10.000	9.185	8.1	108	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.904	1.0	106	0.00
17 t	1,1-Dichloroethane	10.000	10.698	-7.0	117	0.00
18 T	2-Butanone	50.000	54.151	-8.3	106	0.00
19	Cyclohexane	10.000	7.764	22.4	88	0.00
20	Methylcyclohexane	10.000	10.314	-3.1	108	0.00
21 T	2,2-Dichloropropane	10.000	9.343	6.6	100	0.00
22 RT	cis-1,2-Dichloroethene	10.000	10.954	-9.5	115	0.00
23 t	Diethyl Ether	10.000	9.266	7.3	99	0.00
24 t	tert-Butyl Alcohol	100.000	91.645	8.4	99	0.00
25 t	Methyl tert-Butyl Ether	10.000	9.036	9.6	96	0.00
26 t	Bromochloromethane	10.000	10.973	-9.7	117	0.00
27 t	Chloroform	10.000	10.501	-5.0	110	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.935	0.6	104	0.00
29 T	1,1-Dichloropropene	10.000	10.041	-0.4	105	0.00
30 RT	Carbon Tetrachloride	10.000	9.826	1.7	102	0.00
31 t	Isopropyl Ether	10.000	9.285	7.1	97	0.00
32	Ethyl-t-butyl ether	10.000	9.473	5.3	100	0.00
33	Tert-Amyl methyl ether	10.000	9.988	0.1	104	0.00
34 t	Propionitrile	50.000	57.075	-14.2	109	0.00
35 RT	Benzene	10.000	10.643	-6.4	111	0.00
36 RT	1,2-Dichloroethane	10.000	9.788	2.1	101	0.00
37 RT	Trichloroethene	10.000	11.009	-10.1	116	0.00
38 Rt	1,2-Dichloropropane	10.000	10.472	-4.7	110	0.00
39 t	Methacrylonitrile	10.000	9.527	4.7	99	0.00
40 t	Methyl acrylate	10.000	10.207	-2.1	105	0.00
41 t	Tetrahydrofuran	20.000	18.765	6.2	99	0.00
42 t	1-Chlorobutane	10.000	9.782	2.2	102	0.00
43 T	Dibromomethane	10.000	10.576	-5.8	113	0.00
44 T	Bromodichloromethane	10.000	9.843	1.6	103	0.00
45 T	4-Methyl-2-Pentanone	50.000	48.827	2.3	99	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	17.911	10.4	89	0.00

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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	20.000	21.525	-7.6	108	0.00
48 t	Ethyl methacrylate	10.000	10.203	-2.0	102	0.00
49 Rt	Toluene	10.000	10.882	-8.8	113	0.00
50 T	t-1,3-Dichloropropene	10.000	9.604	4.0	97	0.00
51 T	cis-1,3-Dichloropropene	10.000	9.874	1.3	102	0.00
52 RT	1,1,2-Trichloroethane	10.000	11.271	-12.7	117	0.00
53 t	1,3-Dichloropropane	10.000	10.701	-7.0	111	0.00
54 t	2-Hexanone	50.000	50.074	-0.1	99	0.00
55 t	Dibromochloromethane	10.000	10.219	-2.2	106	0.00
56 T	1,2-Dibromoethane	10.000	10.625	-6.3	113	0.00
57 S	4-Bromofluorobenzene	1.000	1.167	-16.7	125	0.00
58 RT	Tetrachloroethene	10.000	11.427	-14.3	118	0.00
59 Rt	Chlorobenzene	10.000	10.949	-9.5	113	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.474	-4.7	109	0.00
61 t	Pentachloroethane	10.000	10.060	-0.6	103	0.00
62 t	Hexachloroethane	10.000	10.076	-0.8	102	0.00
63 Rt	Ethyl Benzene	10.000	10.697	-7.0	111	0.00
64 RT	m/p-Xylenes	20.000	21.940	-9.7	112	0.00
65 RT	o-Xylene	10.000	10.822	-8.2	110	0.00
66 RT	Styrene	10.000	11.045	-10.4	112	0.00
67 t	Bromoform	10.000	9.907	0.9	100	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.167	-16.7	119	0.00
69 T	Isopropylbenzene	10.000	10.766	-7.7	110	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	11.253	-12.5	115	0.00
71 T	1,2,3-Trichloropropane	10.000	11.687	-16.9	115	0.00
72 t	Bromobenzene	10.000	11.447	-14.5	116	0.00
73 t	n-propylbenzene	10.000	11.177	-11.8	113	0.00
74 t	2-Chlorotoluene	10.000	11.109	-11.1	114	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.664	-6.6	109	0.00
76 t	4-Chlorotoluene	10.000	11.189	-11.9	113	0.00
77 t	tert-Butylbenzene	10.000	10.740	-7.4	110	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.828	-8.3	110	0.00
79 t	sec-Butylbenzene	10.000	10.900	-9.0	110	0.00
80	Nitrobenzene	50.000	29.144	41.7#	49	0.00
81 t	p-Isopropyltoluene	10.000	10.994	-9.9	110	0.00
82 t	1,3-Dichlorobenzene	10.000	11.405	-14.0	115	0.00
83 Rt	1,4-Dichlorobenzene	10.000	11.460	-14.6	115	0.00
84 t	n-Butylbenzene	10.000	10.984	-9.8	108	0.00
85 Rt	1,2-Dichlorobenzene	10.000	11.318	-13.2	114	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	8.916	10.8	92	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	11.335	-13.4	109	0.00
88 t	Hexachlorobutadiene	10.000	11.636	-16.4	117	0.00
89 t	Naphthalene	10.000	11.483	-14.8	108	0.00
90 t	1,2,3-Trichlorobenzene	10.000	11.367	-13.7	112	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

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