

Data File : VU029324.D
Acq On : 30 Jan 2019 18:56
Operator : JC/SP
Sample : VSTDCCC010EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB

Quant Time: Jan 31 07:01:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 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	95	0.00
2 T	Dichlorodifluoromethane	10.000	9.873	1.3	94	0.00
3 t	Chloromethane	10.000	9.948	0.5	98	0.00
4 Rt	Vinyl Chloride	10.000	9.845	1.5	96	0.00
5 T	Bromomethane	10.000	9.004	10.0	100	0.00
6 T	Chloroethane	10.000	10.338	-3.4	100	0.00
7 T	Trichlorofluoromethane	10.000	10.570	-5.7	104	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	10.834	-8.3	105	0.00
9 Rt	1,1-Dichloroethene	10.000	10.618	-6.2	103	0.00
10 t	Iodomethane	10.000	10.776	-7.8	102	0.00
11 t	Allyl Chloride	10.000	10.543	-5.4	104	0.00
12 t	Acrylonitrile	20.000	20.618	-3.1	102	0.00
13 T	Acetone	51.000	45.823	10.2	102	0.00
14 T	Carbon Disulfide	10.000	10.072	-0.7	102	0.00
15 RT	Methylene Chloride	10.000	9.460	5.4	103	0.00
16 RT	trans-1,2-Dichloroethene	10.000	10.325	-3.2	102	0.00
17 t	1,1-Dichloroethane	10.000	9.742	2.6	98	0.00
18 T	2-Butanone	50.000	50.458	-0.9	95	0.00
19	Cyclohexane	10.000	9.853	1.5	91	0.00
20	Methylcyclohexane	10.000	11.110	-11.1	98	0.00
21 T	2,2-Dichloropropane	10.000	9.791	2.1	95	0.00
22 RT	cis-1,2-Dichloroethene	10.000	10.669	-6.7	102	0.00
23 t	Diethyl Ether	10.000	10.700	-7.0	106	0.00
24 t	tert-Butyl Alcohol	100.000	99.351	0.6	96	0.00
25 t	Methyl tert-Butyl Ether	10.000	10.621	-6.2	105	0.00
26 t	Bromochloromethane	10.000	11.431	-14.3	106	0.00
27 t	Chloroform	10.000	10.422	-4.2	99	0.00
28 RT	1,1,1-Trichloroethane	10.000	10.305	-3.0	100	0.00
29 T	1,1-Dichloropropene	10.000	10.410	-4.1	94	0.00
30 RT	Carbon Tetrachloride	10.000	10.393	-3.9	100	0.00
31 t	Isopropyl Ether	10.000	9.698	3.0	93	0.00
32	Ethyl-t-butyl ether	10.000	10.081	-0.8	94	0.00
33	Tert-Amyl methyl ether	10.000	10.719	-7.2	96	0.00
34 t	Propionitrile	50.000	52.820	-5.6	94	0.00
35 RT	Benzene	10.000	10.228	-2.3	96	0.00
36 RT	1,2-Dichloroethane	10.000	10.504	-5.0	101	0.00
37 RT	Trichloroethene	10.000	10.496	-5.0	97	0.00
38 Rt	1,2-Dichloropropane	10.000	10.335	-3.4	97	0.00
39 t	Methacrylonitrile	10.000	10.782	-7.8	99	0.00
40 t	Methyl acrylate	10.000	10.956	-9.6	98	0.00
41 t	Tetrahydrofuran	20.000	21.046	-5.2	95	0.00
42 t	1-Chlorobutane	10.000	10.085	-0.9	95	0.00
43 T	Dibromomethane	10.000	10.628	-6.3	100	0.00
44 T	Bromodichloromethane	10.000	10.379	-3.8	98	0.00
45 T	4-Methyl-2-Pentanone	50.000	53.161	-6.3	95	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	23.806	-19.0	112	0.00

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
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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	23.084	-15.4	99	0.00
48 t	Ethyl methacrylate	10.000	11.302	-13.0	96	0.00
49 Rt	Toluene	10.000	10.786	-7.9	97	0.00
50 T	t-1,3-Dichloropropene	10.000	11.017	-10.2	98	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.841	-8.4	98	0.00
52 RT	1,1,2-Trichloroethane	10.000	11.099	-11.0	102	0.00
53 t	1,3-Dichloropropane	10.000	10.545	-5.4	98	0.00
54 t	2-Hexanone	50.000	52.683	-5.4	93	0.00
55 t	Dibromochloromethane	10.000	10.778	-7.8	100	0.00
56 T	1,2-Dibromoethane	10.000	11.165	-11.6	103	0.00
57 S	4-Bromofluorobenzene	1.000	1.017	-1.7	91	0.00
58 RT	Tetrachloroethene	10.000	10.916	-9.2	102	0.00
59 Rt	Chlorobenzene	10.000	10.749	-7.5	98	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.691	-6.9	102	0.00
61 t	Pentachloroethane	10.000	10.250	-2.5	98	0.00
62 t	Hexachloroethane	10.000	11.031	-10.3	100	0.00
63 Rt	Ethyl Benzene	10.000	11.330	-13.3	98	0.00
64 RT	m/p-Xylenes	20.000	23.492	-17.5	101	0.00
65 RT	o-Xylene	10.000	11.632	-16.3	100	0.00
66 RT	Styrene	10.000	11.936	-19.4	101	0.00
67 t	Bromoform	10.000	11.081	-10.8	101	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	1.045	-4.5	97	0.00
69 T	Isopropylbenzene	10.000	11.353	-13.5	99	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	10.520	-5.2	99	0.00
71 T	1,2,3-Trichloropropane	10.000	8.938	10.6	80	0.00
72 t	Bromobenzene	10.000	11.267	-12.7	102	0.00
73 t	n-propylbenzene	10.000	11.598	-16.0	99	0.00
74 t	2-Chlorotoluene	10.000	11.721	-17.2	101	0.00
75 t	1,3,5-Trimethylbenzene	10.000	11.720	-17.2	101	0.00
76 t	4-Chlorotoluene	10.000	11.515	-15.2	100	0.00
77 t	tert-Butylbenzene	10.000	11.590	-15.9	100	0.00
78 t	1,2,4-Trimethylbenzene	10.000	11.830	-18.3	99	0.00
79 t	sec-Butylbenzene	10.000	11.604	-16.0	98	0.00
80	Nitrobenzene	50.000	50.331	-0.7	100	0.00
81 t	p-Isopropyltoluene	10.000	12.061	-20.6	101	0.00
82 t	1,3-Dichlorobenzene	10.000	11.131	-11.3	104	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.993	-9.9	101	0.00
84 t	n-Butylbenzene	10.000	11.599	-16.0	97	0.00
85 Rt	1,2-Dichlorobenzene	10.000	11.386	-13.9	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	11.023	-10.2	95	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	11.705	-17.1	100	0.00
88 t	Hexachlorobutadiene	10.000	11.700	-17.0	103	0.00
89 t	Naphthalene	10.000	12.401	-24.0	97	0.00
90 t	1,2,3-Trichlorobenzene	10.000	12.194	-21.9	105	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013019\
Evaluate Continuing Calibration Report

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

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