

Concentration Analysis Report

 Report time
 11/29/2018 3:14:42 PM

 Method
 D:\UV\Method\Formal.MCN

Batch name D:\UV\Concentration\201811\20181129-Formal-14184-1.BCN

Application Concentration 5.0.0.999

Operator

Instrument Settings

Instrument Cary 60 Instrument version no. 2.00 Wavelength (nm) 412.0 Ordinate Mode Abs Ave Time (sec) 0.1000 Replicates Standard/Sample averaging OFF Weight and volume corrections OFF Fit type Linear Min R2 0.99500 Concentration units mg/L

Calibration

Collection time 11/29/2018 1:46:58 PM

Standard Concentration F Readings

	mg/L	
Std 1	0.1000	0.0184
Std 2	0.3000	0.0431
Std 3	1.5000	0.1951
Std 4	3.0000	0.3887
Std 5	4.5000	0.5854

Calibration eqn Abs = 0.12881*Conc +0.00397 Correlation Coefficient 0.99994

Calibration time 11/29/2018 3:14:42 PM

Analysis

Collection time 11/29/2018 3:10:52 PM Recalculation Time 11/29/2018 3:14:42 PM

Sample	Concentration mg/L	F	Readings
BLK	0.0103		0.0053
BLK SPIKE	1.6049		0.2107
SAMPLE SPIKE	1.5699		0.2062
27159/2+3	0.1718		0.0261
27159/4+5	0.1462		0.0228
27159/8+9+10	0.0375		0.0088
27159/11+12	0.0553		0.0111
27159/14+15	0.0608		0.0118
27159/16	0.0701		0.0130
27159/38	0.0282		0.0076
27162/2+3	0.0375		0.0088
27162/4+5+6	0.0693		0.0129
27162/8+12	0.0817		0.0145
27162/9+10	0.0856		0.0150
27162/18	0.0654		0.0124
27195/2+3+4	0.0483		0.0102
27195/5+6	0.1244		0.0200
27195/8+9+10	0.0181		0.0063
27195/11+12	0.0724		0.0133
27195/14+15	0.0220		0.0068
QC	1.4892		0.1958
27195/16	0.0647		0.0123
27198/2	0.0654		0.0124
27198/3	0.0452		0.0098
27198/5	0.0507		0.0105
27198/6	0.0414		0.0093
27198/12	0.0538		0.0109
27199/2	0.0507		0.0105
27199/3	0.0328		0.0082
27199/4+5	0.0367		0.0087
27199/6+7	0.0623		0.0120
27199/11	0.0507		0.0105
27205/4	0.0515		0.0106
27205/7	0.0623		0.0120
27211/2	0.0631		0.0121
27211/3	0.0942		0.0161
27211/4	0.0670		0.0126
27211/5	0.0724		0.0133
27211/6	0.0887		0.0154

27211/8 27211/9 QC 27224/2 27224/3	0.0452 0.0483 1.5078	0.0098 0.0102 0.1982
QC 27224/2	1.5078	
27224/2		0.1982
27224/3	0.1648	0.0252
	0.0452	0.0098
27224/4	0.0724	0.0133
27224/5	0.0258	0.0073
27224/6	0.1353	0.0214
27224/7	0.1935	0.0289
27224/8	0.0483	0.0102
27224/11	0.0320	0.0081
27225/2+3+4	0.0615	0.0119
27225/7+8+9	0.0600	0.0117
27225/13+14	0.1244	0.0200
27225/34	0.0794	0.0142
27235/1	0.1066	0.0177
27235/3	0.1105	0.0182
27235/5+7	0.0623	0.0120
27237/1	0.0973	0.0165
27237/3	0.0515	0.0106
27237/5+7	0.0429	0.0095
26982/1	0.1314	0.0209
26982/2	0.0724	0.0133
QC	1.5071	0.1981
26982/3	0.0825	0.0146
26982/4	0.0592	0.0116
26982/5	0.0740	0.0135
27006/2+3	0.0608	0.0118
27006/4+5	0.1912	0.0286
27010/3+4	0.0802	0.0143
27010/7+11	0.1912	0.0286
27027/2+3+10	0.1283	0.0205
27027/7+8	0.2292	0.0335
27030/3+4	0.1625	0.0249
27030/5+8	0.1244	0.0200
27035/3+4+5	0.1407	0.0221
27042/2+3	0.1663	0.0254
27042/4+5	0.1990	0.0296
27048/2+3	0.1190	0.0193
27048/7+8	0.1508	0.0234
27072/2	0.0810	0.0144
27119/3	0.1555	0.0240
27121/8	0.1617	0.0248
27128/8	0.0778	0.0140
QC	1.4783	0.1944
27129/2+3	0.1757	0.0266
27129/4+5	0.2580	0.0372
27129/8+9+10	0.0647	0.0123
27129/11+12	0.0747	0.0136
27129/14+15+17	0.0957	0.0163
		0.0171
		0.0130
		0.0136
		0.0115
L. 100/L10		0.0282
27138/5+7	0.1001	0.0202
27138/5+7 27138/9+11	0.1128	0.0185
27129/16 27129/38 27132/5 27138/2+3	0.1019 0.0701 0.0592 0.0895 0.1881	

27138/10	0.1322		0.0210
27140/2+3	0.1198		0.0194
27140/4	0.1097		0.0181
27145/2+3	0.1361		0.0215
27145/4+5	0.1089		0.0180
27145/7+8+9	0.1027		0.0172
27145/10+11	0.0771		0.0139
27145/13+14+16	0.1850		0.0278
27145/15	0.1477		0.0230
27145/37	0.0771		0.0139
27084/1	0.0965		0.0164
27283/11	0.2067		0.0306
27283/12	0.5848		0.0793
27283/13	0.0328		0.0082
27295/11	0.2021		0.0300
27295/12	0.1353		0.0214
27295/13	0.0654		0.0124
27301/14	0.2176		0.0320
27301/15	0.0841		0.0148
27301/16	0.0980		0.0166
27198/7	0.1190		0.0193
27198/8	0.1205		0.0195
27198/9	0.1120		0.0184
QC	1.5730		0.2066
27027/7+8b	0.2525		0.0365
27129/4+5b	0.0080		0.0050
27283/11b	-0.0021		0.0037
27283/12b	-0.0013		0.0038
27295/11b	0.0057		0.0047
27301/14b	-0.0021		0.0037
27129/4+5q	0.1555		0.0240
27283/11q	0.0515		0.0106
27283/12q	0.2300		0.0336
27295/11q	0.0615		0.0119
27301/14q	0.1415	R	0.0222
QC*	0.1167		0.0190
QC	1.3417		0.1768

Results Flags Legend

U = Uncalibrated

N = Not used in calibration

O = Overrange

R = Repeat reading