

Test results

Aquakem 7.2AQ1

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CHEMTECH  
284 Sheffield Street,  
Mountainside, NJ 07092  
Reviewed by : AS

Instrument ID : Konelab

3/15/2019 15:16

Test: Total CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 94.728  | 0.0      | 0.093    |        |
| ICB1        | 0.148   | 0.0      | 0.004    |        |
| CCV1        | 241.370 | 0.0      | 0.230    |        |
| CCB1        | -0.250  | 0.0      | 0.004    |        |
| PB117930BL  | -0.118  | 0.0      | 0.004    |        |
| PB117930BS  | 97.327  | 0.0      | 0.095    |        |
| K1895-01    | -0.039  | 0.0      | 0.004    |        |
| K1895-01DUP | 0.071   | 0.0      | 0.004    |        |
| K1895-01MS  | 43.414  | 0.0      | 0.045    |        |
| K1895-01MSD | 43.377  | 0.0      | 0.045    |        |
| K1897-01    | 0.892   | 0.0      | 0.005    |        |
| K1897-06    | 0.935   | 0.0      | 0.005    |        |
| K1911-01    | -0.043  | 0.0      | 0.004    |        |
| K1911-04    | 1.674   | 0.0      | 0.006    |        |
| CCV2        | 243.004 | 0.0      | 0.231    |        |
| CCB2        | -0.122  | 0.0      | 0.004    |        |
| K1921-01    | 1.165   | 0.0      | 0.005    |        |
| K1922-01    | -0.056  | 0.0      | 0.004    |        |
| K1924-01    | -0.195  | 0.0      | 0.004    |        |
| K1924-03    | 0.587   | 0.0      | 0.005    |        |
| K1927-01    | -0.496  | 0.0      | 0.004    |        |
| K1930-01    | -0.059  | 0.0      | 0.004    |        |
| K1930-05    | 0.072   | 0.0      | 0.004    |        |
| K1930-10    | 0.020   | 0.0      | 0.004    |        |
| K1930-14    | -0.111  | 0.0      | 0.004    |        |
| CCV3        | 254.265 | 0.0      | 0.242    |        |
| CCB3        | -0.109  | 0.0      | 0.004    |        |

N 27  
Mean 37.832  
SD 79.7923  
CV% 210.91

Aquakem v. 7.2AQ1

Results from time period:

Fri Mar 15 14:59:27 2019

Fri Mar 15 15:11:53 2019

AS

| Sample Id   | Sam/Ctr/c | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|-----------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A         | Total CN   | P         | -0.3646  | µg/l        | 3/15/2019 10:28:32   |      |
| 5.0PPBCN    | A         | Total CN   | P         | 4.4229   | µg/l        | 3/15/2019 10:28:33   |      |
| 10PPBCN     | A         | Total CN   | P         | 9.6403   | µg/l        | 3/15/2019 10:28:34   |      |
| 50PPBCN     | A         | Total CN   | P         | 50.5139  | µg/l        | 3/15/2019 10:28:35   |      |
| 100PPBCN    | A         | Total CN   | P         | 101.2309 | µg/l        | 3/15/2019 10:28:36   |      |
| 250PPBCN    | A         | Total CN   | P         | 249.6826 | µg/l        | 3/15/2019 10:28:37   |      |
| 500PPBCN    | A         | Total CN   | P         | 499.8741 | µg/l        | 3/15/2019 10:28:38   |      |
| ICV1        | S         | Total CN   | P         | 94.7276  | µg/l        | 3/15/2019 14:59:27   |      |
| ICB1        | S         | Total CN   | P         | 0.1482   | µg/l        | 3/15/2019 14:59:28   |      |
| CCV1        | S         | Total CN   | P         | 241.3699 | µg/l        | 3/15/2019 14:59:29   |      |
| CCB1        | S         | Total CN   | P         | -0.2496  | µg/l        | 3/15/2019 14:59:30   |      |
| PB11793OBL  | S         | Total CN   | P         | -0.1177  | µg/l        | 3/15/2019 14:59:31   |      |
| PB11793OBS  | S         | Total CN   | P         | 97.3274  | µg/l        | 3/15/2019 14:59:32   |      |
| K1895-01    | S         | Total CN   | P         | -0.0387  | µg/l        | 3/15/2019 14:59:33   |      |
| K1895-01DUP | S         | Total CN   | P         | 0.0709   | µg/l        | 3/15/2019 14:59:34   |      |
| K1895-01MS  | S         | Total CN   | P         | 43.4138  | µg/l        | 3/15/2019 14:59:35   |      |
| K1895-01MSD | S         | Total CN   | P         | 43.3775  | µg/l        | 3/15/2019 14:59:36   |      |
| K1897-01    | S         | Total CN   | P         | 0.892    | µg/l        | 3/15/2019 14:59:37   |      |
| K1897-06    | S         | Total CN   | P         | 0.9349   | µg/l        | 3/15/2019 15:07:02   |      |
| K1911-01    | S         | Total CN   | P         | -0.0425  | µg/l        | 3/15/2019 15:07:03   |      |
| K1911-04    | S         | Total CN   | P         | 1.6735   | µg/l        | 3/15/2019 15:07:04   |      |
| CCV2        | S         | Total CN   | P         | 243.0039 | µg/l        | 3/15/2019 15:07:05   |      |
| CCB2        | S         | Total CN   | P         | -0.1216  | µg/l        | 3/15/2019 15:07:06   |      |
| K1921-01    | S         | Total CN   | P         | 1.1649   | µg/l        | 3/15/2019 15:07:07   |      |
| K1922-01    | S         | Total CN   | P         | -0.0558  | µg/l        | 3/15/2019 15:07:08   |      |
| K1924-01    | S         | Total CN   | P         | -0.1949  | µg/l        | 3/15/2019 15:07:09   |      |
| K1924-03    | S         | Total CN   | P         | 0.5871   | µg/l        | 3/15/2019 15:07:10   |      |
| K1927-01    | S         | Total CN   | P         | -0.4957  | µg/l        | 3/15/2019 15:07:11   |      |
| K1930-01    | S         | Total CN   | P         | -0.0592  | µg/l        | 3/15/2019 15:07:12   |      |
| K1930-05    | S         | Total CN   | P         | 0.0715   | µg/l        | 3/15/2019 15:11:49   |      |
| K1930-10    | S         | Total CN   | P         | 0.0199   | µg/l        | 3/15/2019 15:11:50   |      |
| K1930-14    | S         | Total CN   | P         | -0.1112  | µg/l        | 3/15/2019 15:11:51   |      |
| CCV3        | S         | Total CN   | P         | 254.2654 | µg/l        | 3/15/2019 15:11:52   |      |
| CCB3        | S         | Total CN   | P         | -0.1086  | µg/l        | 3/15/2019 15:11:53   |      |

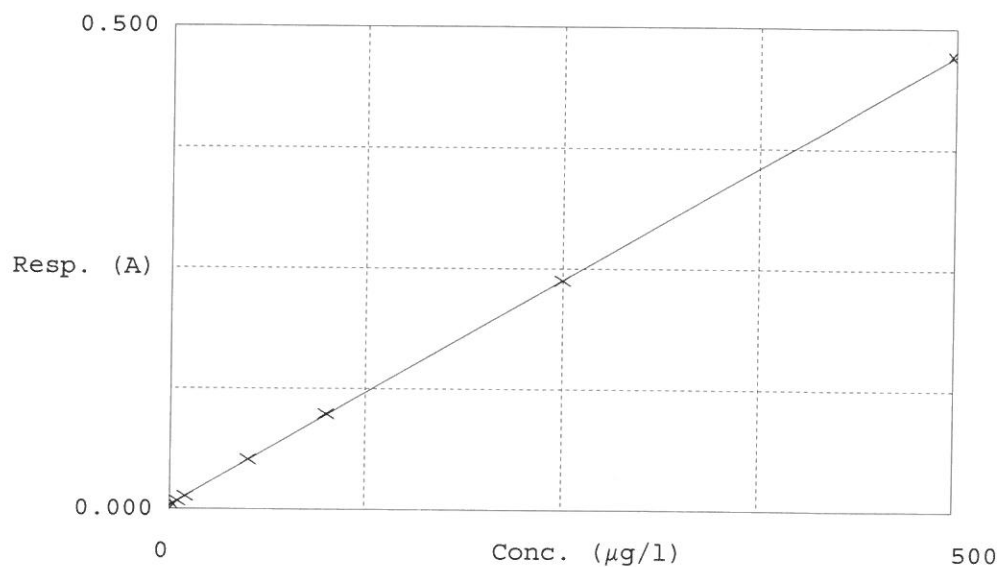
Test      Total CN

Accepted                      3/15/2019      10:29

Factor                      1070  
Bias                      0.004

Coeff. of det.              0.999988

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.3646    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.4229     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.6403     | 10.0000  |        |
| 4 | 50PPBCN    | 0.052    | 50.5139    | 50.0000  |        |
| 5 | 100PPBCN   | 0.099    | 101.2309   | 100.0000 |        |
| 6 | 250PPBCN   | 0.238    | 249.6826   | 250.0000 |        |
| 7 | 500PPBCN   | 0.471    | 499.8741   | 500.0000 |        |