

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

6/13/2019 13:50

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 95.702  | 0.0      | 0.103    |        |
| ICB1         | -0.262  | 0.0      | 0.004    |        |
| CCV1         | 240.717 | 0.0      | 0.253    |        |
| CCB1         | -0.792  | 0.0      | 0.004    |        |
| PB120540BL   | -0.649  | 0.0      | 0.004    |        |
| PB120540BS   | 97.771  | 0.0      | 0.105    |        |
| HIGHPB120540 | 485.465 | 0.0      | 0.505    |        |
| K3156-03     | 0.018   | 0.0      | 0.004    |        |
| K3156-03DUP  | -0.240  | 0.0      | 0.004    |        |
| K3156-03MS   | 19.488  | 0.0      | 0.025    |        |
| K3156-03MSD  | 19.298  | 0.0      | 0.024    |        |
| K3342-01     | -0.264  | 0.0      | 0.004    |        |
| CCV2         | 240.546 | 0.0      | 0.253    |        |
| CCB2         | -0.778  | 0.0      | 0.004    |        |
| K3344-01     | 2.164   | 0.0      | 0.007    |        |
| K3346-01     | 2.377   | 0.0      | 0.007    |        |
| K3343-01     | 1.978   | 0.0      | 0.006    |        |
| LOWPB120540  | 9.033   | 0.0      | 0.014    |        |
| CCV3         | 258.455 | 0.0      | 0.271    |        |
| CCB3         | -0.612  | 0.0      | 0.004    |        |

|      |          |
|------|----------|
| N    | 20       |
| Mean | 73.471   |
| SD   | 131.7677 |
| CV%  | 179.35   |

Aquakem v. 7.2AQ1

Results from time period:

Thu Jun 13 12:03:18 2019

Thu Jun 13 13:49:52 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         | -0.6915  | µg/l        | 6/13/2019 12:26:24   |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.0538   | µg/l        | 6/13/2019 12:26:25   |      |
| 10PPBCN      | A          | Total CN   | P         | 9.1836   | µg/l        | 6/13/2019 12:26:26   |      |
| 50PPBCN      | A          | Total CN   | P         | 50.0109  | µg/l        | 6/13/2019 12:26:27   |      |
| 100PPBCN     | A          | Total CN   | P         | 101.0117 | µg/l        | 6/13/2019 12:26:28   |      |
| 250PPBCN     | A          | Total CN   | P         | 253.2182 | µg/l        | 6/13/2019 12:26:29   |      |
| 500PPBCN     | A          | Total CN   | P         | 498.2132 | µg/l        | 6/13/2019 12:26:30   |      |
| ICV1         | S          | Total CN   | P         | 95.7023  | µg/l        | 6/13/2019 12:56:24   |      |
| ICB1         | S          | Total CN   | P         | -0.2619  | µg/l        | 6/13/2019 12:56:25   |      |
| CCV1         | S          | Total CN   | P         | 240.7172 | µg/l        | 6/13/2019 12:56:26   |      |
| CCB1         | S          | Total CN   | P         | -0.7924  | µg/l        | 6/13/2019 12:56:27   |      |
| PB120540BL   | S          | Total CN   | P         | -0.6487  | µg/l        | 6/13/2019 12:56:28   |      |
| PB120540BS   | S          | Total CN   | P         | 97.7709  | µg/l        | 6/13/2019 12:56:29   |      |
| HIGHPB120540 | S          | Total CN   | P         | 485.4654 | µg/l        | 6/13/2019 12:56:31   |      |
| K3156-03     | S          | Total CN   | P         | 0.0181   | µg/l        | 6/13/2019 12:56:32   |      |
| K3156-03DUP  | S          | Total CN   | P         | -0.2398  | µg/l        | 6/13/2019 12:56:33   |      |
| K3156-03MS   | S          | Total CN   | P         | 19.4879  | µg/l        | 6/13/2019 12:56:34   |      |
| K3156-03MSD  | S          | Total CN   | P         | 19.2985  | µg/l        | 6/13/2019 13:03:59   |      |
| K3342-01     | S          | Total CN   | P         | -0.2644  | µg/l        | 6/13/2019 13:04:00   |      |
| CCV2         | S          | Total CN   | P         | 240.5458 | µg/l        | 6/13/2019 13:04:02   |      |
| CCB2         | S          | Total CN   | P         | -0.7781  | µg/l        | 6/13/2019 13:04:03   |      |
| K3344-01     | S          | Total CN   | P         | 2.1645   | µg/l        | 6/13/2019 13:04:04   |      |
| K3346-01     | S          | Total CN   | P         | 2.3774   | µg/l        | 6/13/2019 13:04:05   |      |
| K3343-01     | S          | Total CN   | P         | 1.9783   | µg/l        | 6/13/2019 13:32:13   |      |
| LOWPB120540  | S          | Total CN   | P         | 9.0333   | µg/l        | 6/13/2019 13:49:50   |      |
| CCV3         | S          | Total CN   | P         | 258.4553 | µg/l        | 6/13/2019 13:49:51   |      |
| CCB3         | S          | Total CN   | P         | -0.6116  | µg/l        | 6/13/2019 13:49:52   |      |

Calibration results

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6/13/2019 12:27

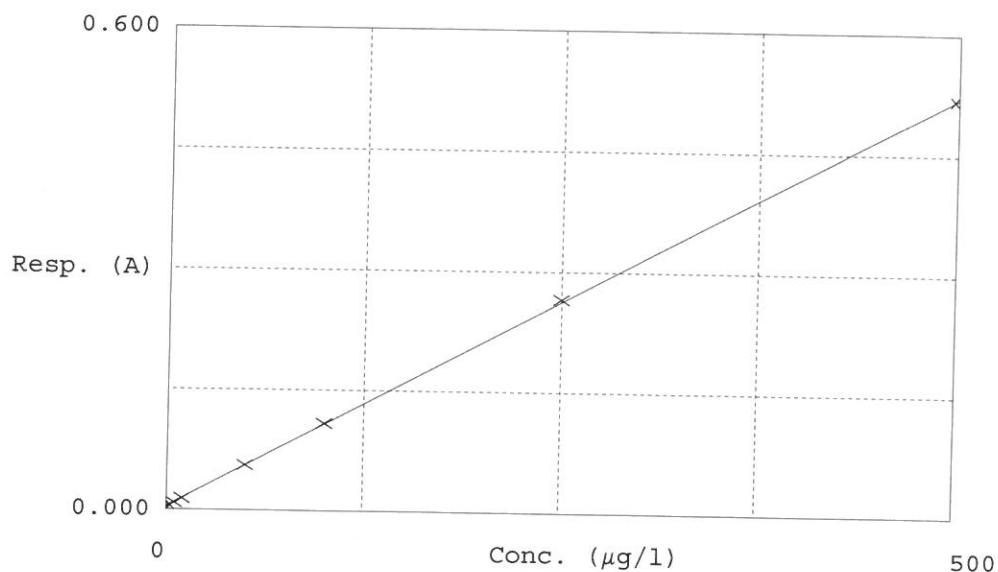
Test Total CN

Accepted 6/13/2019 12:27

Factor 969.2  
Bias 0.004

Coeff. of det. 0.999919

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.6915    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.009    | 4.0538     | 5.0000   |        |
| 3 | 10PPBCN    | 0.014    | 9.1836     | 10.0000  |        |
| 4 | 50PPBCN    | 0.056    | 50.0109    | 50.0000  |        |
| 5 | 100PPBCN   | 0.109    | 101.0117   | 100.0000 |        |
| 6 | 250PPBCN   | 0.266    | 253.2182   | 250.0000 |        |
| 7 | 500PPBCN   | 0.518    | 498.2132   | 500.0000 |        |