

Test results

Aquakem 7.2AQ1

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CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092

Reviewed by : AS

4/20/2018 15:01

Test: Total CN Mg/L

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 95.757  | 0.0      | 0.095    |        |
| ICB1        | -1.338  | 0.0      | 0.004    |        |
| CCV1        | 248.730 | 0.0      | 0.239    |        |
| CCB1        | -0.661  | 0.0      | 0.004    |        |
| PB108426BL  | -0.895  | 0.0      | 0.004    |        |
| PB108426BS  | 95.192  | 0.0      | 0.094    |        |
| J2477-01    | -0.816  | 0.0      | 0.004    |        |
| J2477-01DUP | -0.896  | 0.0      | 0.004    |        |
| J2477-01MS  | 34.372  | 0.0      | 0.037    |        |
| J2477-01MSD | 34.759  | 0.0      | 0.038    |        |
| J2482-02    | 1.503   | 0.0      | 0.006    |        |
| J2482-04    | 1.421   | 0.0      | 0.006    |        |
| J2482-06    | 3.765   | 0.0      | 0.008    |        |
| CCV2        | 263.175 | 0.0      | 0.253    |        |
| CCB2        | -1.225  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 15      |
| Mean | 51.523  |
| SD   | 89.4243 |
| CV%  | 173.56  |

AS

Aquakem v. 7.2AQ1

Results from time period:

Fri Apr 20 14:29:36 2018

Fri Apr 20 14:54:23 2018

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN   | P         | -0.9087  | µg/l        | 4/20/2018 10:20:16   |      |
| 5.0PPBCN    | A          | Total CN   | P         | 4.3868   | µg/l        | 4/20/2018 10:20:17   |      |
| 10PPBCN     | A          | Total CN   | P         | 9.3887   | µg/l        | 4/20/2018 10:20:18   |      |
| 50PPBCN     | A          | Total CN   | P         | 50.2658  | µg/l        | 4/20/2018 10:20:19   |      |
| 100PPBCN    | A          | Total CN   | P         | 99.4626  | µg/l        | 4/20/2018 10:20:20   |      |
| 250PPBCN    | A          | Total CN   | P         | 254.6109 | µg/l        | 4/20/2018 10:20:21   |      |
| 500PPBCN    | A          | Total CN   | P         | 497.7938 | µg/l        | 4/20/2018 10:20:22   |      |
| ICV1        | S          | Total CN   | P         | 95.7573  | µg/l        | 4/20/2018 14:29:36   |      |
| ICB1        | S          | Total CN   | P         | -1.3383  | µg/l        | 4/20/2018 14:29:37   |      |
| CCV1        | S          | Total CN   | P         | 248.73   | µg/l        | 4/20/2018 14:29:38   |      |
| CCB1        | S          | Total CN   | P         | -0.6615  | µg/l        | 4/20/2018 14:29:39   |      |
| PB108426BL  | S          | Total CN   | P         | -0.8948  | µg/l        | 4/20/2018 14:29:40   |      |
| PB108426BS  | S          | Total CN   | P         | 95.1922  | µg/l        | 4/20/2018 14:29:41   |      |
| J2477-01    | S          | Total CN   | P         | -0.8156  | µg/l        | 4/20/2018 14:29:42   |      |
| J2477-01DUP | S          | Total CN   | P         | -0.8961  | µg/l        | 4/20/2018 14:29:43   |      |
| J2477-01MS  | S          | Total CN   | P         | 34.3725  | µg/l        | 4/20/2018 14:29:44   |      |
| J2477-01MSD | S          | Total CN   | P         | 34.7595  | µg/l        | 4/20/2018 14:29:45   |      |
| J2482-02    | S          | Total CN   | P         | 1.5028   | µg/l        | 4/20/2018 14:29:46   |      |
| J2482-04    | S          | Total CN   | P         | 1.4207   | µg/l        | 4/20/2018 14:54:20   |      |
| J2482-06    | S          | Total CN   | P         | 3.7653   | µg/l        | 4/20/2018 14:54:21   |      |
| CCV2        | S          | Total CN   | P         | 263.1754 | µg/l        | 4/20/2018 14:54:22   |      |
| CCB2        | S          | Total CN   | P         | -1.2251  | µg/l        | 4/20/2018 14:54:23   |      |

Calibration results

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284 Sheffield Street,  
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4/20/2018 10:28

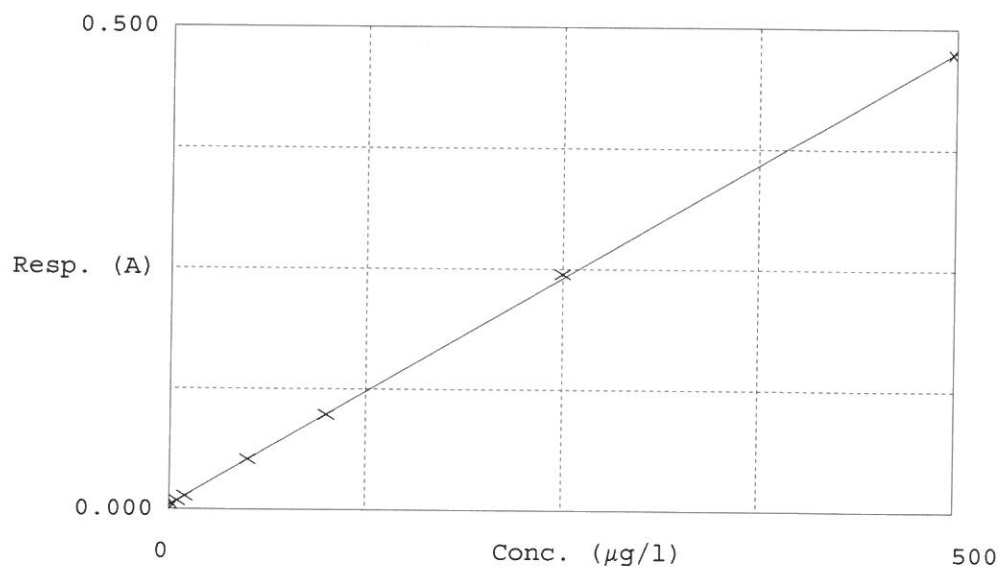
Test Total CN

Accepted 4/20/2018 10:28

Factor 1061  
Bias 0.005

Coeff. of det. 0.999863

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.9087    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.009    | 4.3868     | 5.0000   |        |
| 3 | 10PPBCN    | 0.014    | 9.3887     | 10.0000  |        |
| 4 | 50PPBCN    | 0.052    | 50.2658    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 99.4626    | 100.0000 |        |
| 6 | 250PPBCN   | 0.245    | 254.6109   | 250.0000 |        |
| 7 | 500PPBCN   | 0.474    | 497.7938   | 500.0000 |        |