

1092061

Test results

Aquakem 7.2AQ1

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

12/8/2017 14:05

Test: Total CN Mg/d

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 96.511  | 0.0      | 0.095    |        |
| ICB1        | 0.106   | 0.0      | 0.004    |        |
| CCV1        | 239.760 | 0.0      | 0.231    |        |
| CCB1        | 0.030   | 0.0      | 0.004    |        |
| PB104734BL  | -0.179  | 0.0      | 0.003    |        |
| PB104734BS  | 98.302  | 0.0      | 0.097    |        |
| MIDPB104734 | 243.724 | 0.0      | 0.235    |        |
| I6723-01    | 1.061   | 0.0      | 0.005    |        |
| I6723-01DUP | 1.282   | 0.0      | 0.005    |        |
| I6772-01    | 0.738   | 0.0      | 0.004    |        |
| CCV2        | 271.095 | 0.0      | 0.261    |        |
| CCB2        | 0.064   | 0.0      | 0.004    |        |
| I6723-01MS  | 32.154  | 0.0      | 0.034    |        |
| I6723-01MSD | 32.288  | 0.0      | 0.034    |        |
| DOC-1       | 93.761  | 0.0      | 0.093    |        |
| DOC-2       | 92.374  | 0.0      | 0.091    |        |
| DOC-3       | 92.356  | 0.0      | 0.091    |        |
| DOC-4       | 93.292  | 0.0      | 0.092    |        |
| CCV3        | 252.864 | 0.0      | 0.244    |        |
| CCB3        | 0.240   | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 20      |
| Mean | 82.091  |
| SD   | 96.0139 |
| CV%  | 116.96  |

AS

Aquakem v. 7.2AQ1

Results from time period:

Fri Dec 08 13:05:01 2017

Fri Dec 08 14:04:04 2017

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN   | P         | -0.2702  | µg/l        | 12/8/2017 13:05:01   |      |
| 5.0PPBCN    | A          | Total CN   | P         | 4.8283   | µg/l        | 12/8/2017 13:05:02   |      |
| 10PPBCN     | A          | Total CN   | P         | 10.0183  | µg/l        | 12/8/2017 13:05:03   |      |
| 50PPBCN     | A          | Total CN   | P         | 50.4218  | µg/l        | 12/8/2017 13:05:04   |      |
| 100PPBCN    | A          | Total CN   | P         | 99.9282  | µg/l        | 12/8/2017 13:05:05   |      |
| 250PPBCN    | A          | Total CN   | P         | 250.2003 | µg/l        | 12/8/2017 13:05:06   |      |
| 500PPBCN    | A          | Total CN   | P         | 499.8734 | µg/l        | 12/8/2017 13:05:07   |      |
| ICV1        | S          | Total CN   | P         | 96.5113  | µg/l        | 12/8/2017 13:34:40   |      |
| ICB1        | S          | Total CN   | P         | 0.1061   | µg/l        | 12/8/2017 13:34:41   |      |
| CCV1        | S          | Total CN   | P         | 239.7605 | µg/l        | 12/8/2017 13:34:42   |      |
| CCB1        | S          | Total CN   | P         | 0.0298   | µg/l        | 12/8/2017 13:34:43   |      |
| PB104734BL  | S          | Total CN   | P         | -0.179   | µg/l        | 12/8/2017 13:34:44   |      |
| PB104734BS  | S          | Total CN   | P         | 98.3023  | µg/l        | 12/8/2017 13:34:45   |      |
| MIDPB104734 | S          | Total CN   | P         | 243.7241 | µg/l        | 12/8/2017 13:34:46   |      |
| I6723-01    | S          | Total CN   | P         | 1.061    | µg/l        | 12/8/2017 13:34:47   |      |
| I6723-01DUP | S          | Total CN   | P         | 1.2819   | µg/l        | 12/8/2017 13:34:48   |      |
| I6772-01    | S          | Total CN   | P         | 0.7382   | µg/l        | 12/8/2017 13:41:19   |      |
| CCV2        | S          | Total CN   | P         | 271.0951 | µg/l        | 12/8/2017 13:41:22   |      |
| CCB2        | S          | Total CN   | P         | 0.0636   | µg/l        | 12/8/2017 13:41:23   |      |
| I6723-01MS  | S          | Total CN   | P         | 32.1538  | µg/l        | 12/8/2017 14:03:57   |      |
| I6723-01MSD | S          | Total CN   | P         | 32.2882  | µg/l        | 12/8/2017 14:03:58   |      |
| DOC-1       | S          | Total CN   | P         | 93.7614  | µg/l        | 12/8/2017 14:03:59   |      |
| DOC-2       | S          | Total CN   | P         | 92.3738  | µg/l        | 12/8/2017 14:04:00   |      |
| DOC-3       | S          | Total CN   | P         | 92.3559  | µg/l        | 12/8/2017 14:04:01   |      |
| DOC-4       | S          | Total CN   | P         | 93.2916  | µg/l        | 12/8/2017 14:04:02   |      |
| CCV3        | S          | Total CN   | P         | 252.8643 | µg/l        | 12/8/2017 14:04:03   |      |
| CCB3        | S          | Total CN   | P         | 0.2399   | µg/l        | 12/8/2017 14:04:04   |      |

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284 Sheffield Street,  
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Reviewed by : AK

12/8/2017 13:06

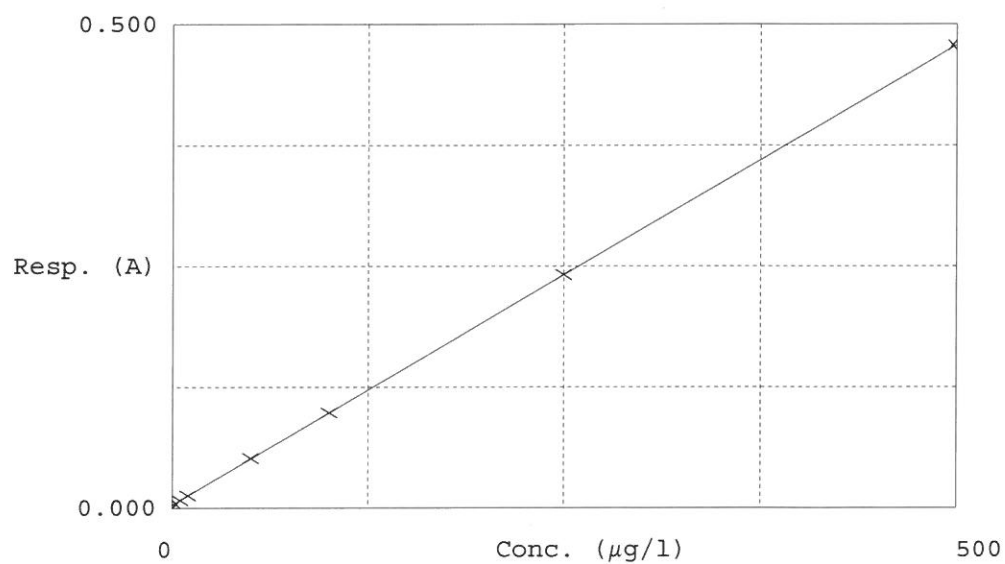
Test Total CN

Accepted 12/8/2017 13:06

Factor 1053  
Bias 0.004

Coeff. of det. 0.999998

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.2702    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.8283     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 10.0183    | 10.0000  |        |
| 4 | 50PPBCN    | 0.052    | 50.4218    | 50.0000  |        |
| 5 | 100PPBCN   | 0.099    | 99.9282    | 100.0000 |        |
| 6 | 250PPBCN   | 0.241    | 250.2003   | 250.0000 |        |
| 7 | 500PPBCN   | 0.478    | 499.8734   | 500.0000 |        |