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Aquakem 7.2AQ1

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

3/26/2018 15:10

Test: Total CN *Mg/d*

| Sample Id    | Result   | Dil. 1 + | Response | Errors          |
|--------------|----------|----------|----------|-----------------|
| ICV1         | 99.262   | 0.0      | 0.094    |                 |
| ICB1         | -0.080   | 0.0      | 0.004    |                 |
| CCV1         | 251.888  | 0.0      | 0.232    |                 |
| CCB1         | 0.073    | 0.0      | 0.004    |                 |
| PB107637BL   | -0.389   | 0.0      | 0.004    |                 |
| PB107637BS   | 100.649  | 0.0      | 0.095    |                 |
| J1758-01     | 1.732    | 0.0      | 0.006    |                 |
| J1758-01DUP  | 1.293    | 0.0      | 0.005    |                 |
| J1758-01MS   | 33.308   | 0.0      | 0.034    |                 |
| J1758-01MSD  | 32.833   | 0.0      | 0.034    |                 |
| J1758-03     | 0.074    | 0.0      | 0.004    |                 |
| J1758-05     | 0.640    | 0.0      | 0.005    |                 |
| CCV2         | 252.857  | 0.0      | 0.233    |                 |
| CCB2         | -0.340   | 0.0      | 0.004    |                 |
| J1758-07     | 0.218    | 0.0      | 0.004    |                 |
| J1760-05     | -0.019   | 0.0      | 0.004    |                 |
| J1760-07     | -0.553   | 0.0      | 0.004    |                 |
| J2050-01     | 3.916    | 0.0      | 0.008    |                 |
| J2050-04     | 10.816   | 0.0      | 0.014    |                 |
| J2052-01     | -0.246   | 0.0      | 0.004    |                 |
| J2052-03     | -0.500   | 0.0      | 0.004    |                 |
| CCV3         | 272.709  | 0.0      | 0.251    |                 |
| CCB3         | -0.732   | 0.0      | 0.003    |                 |
| LOWPB107637  | 9.813    | 0.0      | 0.013    |                 |
| HIGHPB107637 | 515.913  | 0.0      | 0.471    | Test limit high |
| CCV4         | 267.944  | 0.0      | 0.246    |                 |
| CCB4         | -0.470   | 0.0      | 0.004    |                 |
| N            | 27       |          |          |                 |
| Mean         | 68.615   |          |          |                 |
| SD           | 129.3480 |          |          |                 |
| CV%          | 188.51   |          |          |                 |

AS

Aquakem v. 7.2AQ1

Results from time period:

Mon Mar 26 14:30:11 2018

Mon Mar 26 15:08:17 2018

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | -0.3648  | µg/l        | 3/26/2018 10:09:39   |      |
| 5.OPPBCN     | A          | Total CN   | P         | 4.5267   | µg/l        | 3/26/2018 10:09:40   |      |
| 10PPBCN      | A          | Total CN   | P         | 9.8988   | µg/l        | 3/26/2018 10:09:41   |      |
| 50PPBCN      | A          | Total CN   | P         | 50.3511  | µg/l        | 3/26/2018 10:09:42   |      |
| 100PPBCN     | A          | Total CN   | P         | 100.3778 | µg/l        | 3/26/2018 10:09:43   |      |
| 250PPBCN     | A          | Total CN   | P         | 250.6286 | µg/l        | 3/26/2018 10:09:44   |      |
| 500PPBCN     | A          | Total CN   | P         | 499.5818 | µg/l        | 3/26/2018 10:09:45   |      |
| ICV1         | S          | Total CN   | P         | 99.2617  | µg/l        | 3/26/2018 14:30:11   |      |
| ICB1         | S          | Total CN   | P         | -0.0803  | µg/l        | 3/26/2018 14:30:12   |      |
| CCV1         | S          | Total CN   | P         | 251.8885 | µg/l        | 3/26/2018 14:30:13   |      |
| CCB1         | S          | Total CN   | P         | 0.0729   | µg/l        | 3/26/2018 14:30:14   |      |
| PB107637BL   | S          | Total CN   | P         | -0.3887  | µg/l        | 3/26/2018 14:30:15   |      |
| PB107637BS   | S          | Total CN   | P         | 100.6487 | µg/l        | 3/26/2018 14:30:16   |      |
| J1758-01     | S          | Total CN   | P         | 1.7316   | µg/l        | 3/26/2018 14:30:19   |      |
| J1758-01DUP  | S          | Total CN   | P         | 1.2932   | µg/l        | 3/26/2018 14:30:20   |      |
| J1758-01MS   | S          | Total CN   | P         | 33.3077  | µg/l        | 3/26/2018 14:30:21   |      |
| J1758-01MSD  | S          | Total CN   | P         | 32.8326  | µg/l        | 3/26/2018 14:37:46   |      |
| J1758-03     | S          | Total CN   | P         | 0.0742   | µg/l        | 3/26/2018 14:37:47   |      |
| J1758-05     | S          | Total CN   | P         | 0.6404   | µg/l        | 3/26/2018 14:37:48   |      |
| CCV2         | S          | Total CN   | P         | 252.857  | µg/l        | 3/26/2018 14:37:49   |      |
| CCB2         | S          | Total CN   | P         | -0.3404  | µg/l        | 3/26/2018 14:37:50   |      |
| J1758-07     | S          | Total CN   | P         | 0.2185   | µg/l        | 3/26/2018 14:37:51   |      |
| J1760-05     | S          | Total CN   | P         | -0.0189  | µg/l        | 3/26/2018 14:37:52   |      |
| J1760-07     | S          | Total CN   | P         | -0.5529  | µg/l        | 3/26/2018 14:37:53   |      |
| J2050-01     | S          | Total CN   | P         | 3.9156   | µg/l        | 3/26/2018 14:37:54   |      |
| J2050-04     | S          | Total CN   | P         | 10.816   | µg/l        | 3/26/2018 14:37:55   |      |
| J2052-01     | S          | Total CN   | P         | -0.2464  | µg/l        | 3/26/2018 14:37:56   |      |
| J2052-03     | S          | Total CN   | P         | -0.4999  | µg/l        | 3/26/2018 14:41:36   |      |
| CCV3         | S          | Total CN   | P         | 272.7089 | µg/l        | 3/26/2018 14:41:37   |      |
| CCB3         | S          | Total CN   | P         | -0.7324  | µg/l        | 3/26/2018 14:41:38   |      |
| LOWPB107637  | S          | Total CN   | P         | 9.8128   | µg/l        | 3/26/2018 15:08:12   |      |
| HIGHPB107637 | S          | Total CN   | P         | 515.9127 | µg/l        | 3/26/2018 15:08:13   |      |
| CCV4         | S          | Total CN   | P         | 267.9439 | µg/l        | 3/26/2018 15:08:16   |      |
| CCB4         | S          | Total CN   | P         | -0.4698  | µg/l        | 3/26/2018 15:08:17   |      |

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Reviewed by : AS

3/26/2018 10:10

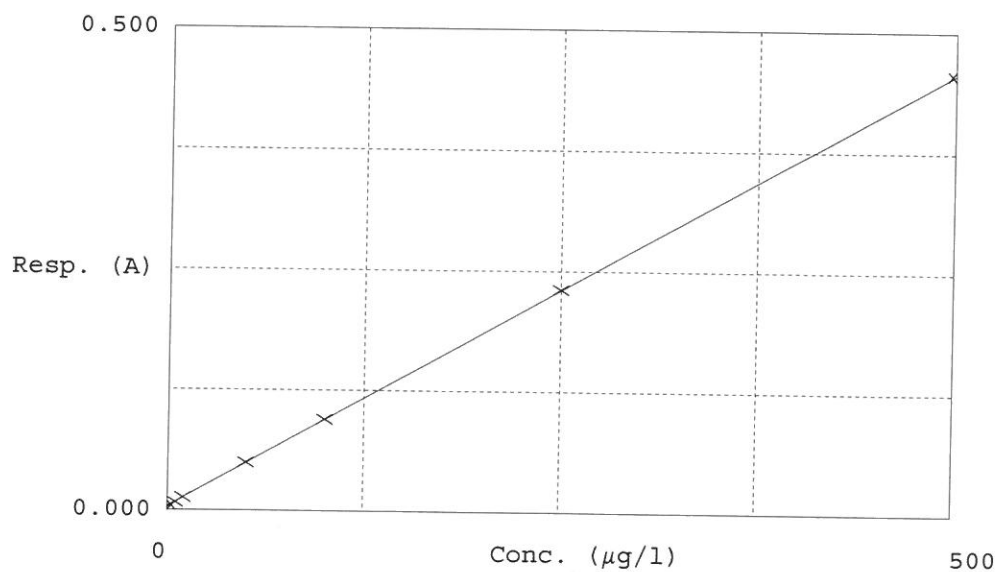
Test Total CN

Accepted 3/26/2018 10:10

Factor 1106  
Bias 0.004

Coeff. of det. 0.999994

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.3648    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.5267     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.8988     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 50.3511    | 50.0000  |        |
| 5 | 100PPBCN   | 0.095    | 100.3778   | 100.0000 |        |
| 6 | 250PPBCN   | 0.231    | 250.6286   | 250.0000 |        |
| 7 | 500PPBCN   | 0.456    | 499.5818   | 500.0000 |        |