

LB97674

Test results

Aquakem 7.2AQ1

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

8/31/2018 13:13

Test: Total CN <sup>ug/d</sup>

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 96.248  | 0.0      | 0.098    |        |
| ICB1         | 0.782   | 0.0      | 0.004    |        |
| CCV1         | 241.077 | 0.0      | 0.241    |        |
| CCB1         | 0.659   | 0.0      | 0.004    |        |
| PB112541BL   | 0.832   | 0.0      | 0.004    |        |
| PB112541BS   | 96.600  | 0.0      | 0.098    |        |
| LOWPB112541  | 10.289  | 0.0      | 0.013    |        |
| HIGHPB112541 | 486.897 | 0.0      | 0.483    |        |
| J4270-05     | 1.297   | 0.0      | 0.005    |        |
| J4270-05DUP  | 0.632   | 0.0      | 0.004    |        |
| J4270-05MS   | 37.731  | 0.0      | 0.040    |        |
| J4270-05MSD  | 37.366  | 0.0      | 0.040    |        |
| J4726-01     | 11.058  | 0.0      | 0.014    |        |
| J4726-03     | 12.396  | 0.0      | 0.015    |        |
| CCV2         | 241.006 | 0.0      | 0.241    |        |
| CCB2         | 0.599   | 0.0      | 0.004    |        |
| J4730-01     | 0.492   | 0.0      | 0.004    |        |
| PB112542BL   | 0.370   | 0.0      | 0.004    |        |
| PB112542BS   | 97.464  | 0.0      | 0.099    |        |
| J4735-01     | 20.807  | 0.0      | 0.024    |        |
| J4735-01DUP  | 20.610  | 0.0      | 0.024    |        |
| J4735-01MS   | 52.941  | 0.0      | 0.055    |        |
| J4735-01MSD  | 55.213  | 0.0      | 0.058    |        |
| CCV3         | 252.493 | 0.0      | 0.252    |        |
| CCB3         | 0.615   | 0.0      | 0.004    |        |

|      |          |
|------|----------|
| N    | 25       |
| Mean | 71.059   |
| SD   | 117.0467 |
| CV%  | 164.72   |

Aquakem v. 7.2AQ1

AS

Results from time period:

Fri Aug 31 13:00:13 2018

Fri Aug 31 13:30:47 2018

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | 0.1611   | µg/l        | 8/31/2018 10:37:08   |      |
| 5.0PPBCN     | A          | Total CN   | P         | 5.0655   | µg/l        | 8/31/2018 10:37:09   |      |
| 10PPBCN      | A          | Total CN   | P         | 9.954    | µg/l        | 8/31/2018 10:37:10   |      |
| 50PPBCN      | A          | Total CN   | P         | 48.5285  | µg/l        | 8/31/2018 10:37:11   |      |
| 100PPBCN     | A          | Total CN   | P         | 100.6944 | µg/l        | 8/31/2018 10:37:12   |      |
| 250PPBCN     | A          | Total CN   | P         | 251.1758 | µg/l        | 8/31/2018 10:37:13   |      |
| 500PPBCN     | A          | Total CN   | P         | 499.4206 | µg/l        | 8/31/2018 10:37:14   |      |
| ICV1         | S          | Total CN   | P         | 96.2485  | µg/l        | 8/31/2018 13:00:13   |      |
| ICB1         | S          | Total CN   | P         | 0.7824   | µg/l        | 8/31/2018 13:00:14   |      |
| CCV1         | S          | Total CN   | P         | 241.0774 | µg/l        | 8/31/2018 13:00:15   |      |
| CCB1         | S          | Total CN   | P         | 0.6591   | µg/l        | 8/31/2018 13:00:16   |      |
| PB112541BL   | S          | Total CN   | P         | 0.8323   | µg/l        | 8/31/2018 13:00:17   |      |
| PB112541BS   | S          | Total CN   | P         | 96.5996  | µg/l        | 8/31/2018 13:00:18   |      |
| LOWPB112541  | S          | Total CN   | P         | 10.2887  | µg/l        | 8/31/2018 13:00:19   |      |
| HIGHPB112541 | S          | Total CN   | P         | 486.8968 | µg/l        | 8/31/2018 13:00:20   |      |
| J4270-05     | S          | Total CN   | P         | 1.2975   | µg/l        | 8/31/2018 13:00:21   |      |
| J4270-05DUP  | S          | Total CN   | P         | 0.6321   | µg/l        | 8/31/2018 13:00:22   |      |
| J4270-05MS   | S          | Total CN   | P         | 37.7314  | µg/l        | 8/31/2018 13:00:23   |      |
| J4270-05MSD  | S          | Total CN   | P         | 37.3657  | µg/l        | 8/31/2018 13:07:45   |      |
| J4726-01     | S          | Total CN   | P         | 11.0576  | µg/l        | 8/31/2018 13:07:46   |      |
| J4726-03     | S          | Total CN   | P         | 12.3957  | µg/l        | 8/31/2018 13:07:47   |      |
| CCV2         | S          | Total CN   | P         | 241.0056 | µg/l        | 8/31/2018 13:07:48   |      |
| CCB2         | S          | Total CN   | P         | 0.599    | µg/l        | 8/31/2018 13:07:49   |      |
| J4730-01     | S          | Total CN   | P         | 0.4924   | µg/l        | 8/31/2018 13:07:50   |      |
| PB112542BL   | S          | Total CN   | P         | 0.3702   | µg/l        | 8/31/2018 13:07:51   |      |
| PB112542BS   | S          | Total CN   | P         | 97.4639  | µg/l        | 8/31/2018 13:07:52   |      |
| J4735-01     | S          | Total CN   | P         | 20.8073  | µg/l        | 8/31/2018 13:07:53   |      |
| J4735-01DUP  | S          | Total CN   | P         | 20.6104  | µg/l        | 8/31/2018 13:07:54   |      |
| J4735-01MS   | S          | Total CN   | P         | 52.9414  | µg/l        | 8/31/2018 13:07:55   |      |
| J4735-01MSD  | S          | Total CN   | P         | 55.2129  | µg/l        | 8/31/2018 13:13:01   |      |
| CCV3         | S          | Total CN   | P         | 252.4929 | µg/l        | 8/31/2018 13:13:02   |      |
| CCB3         | S          | Total CN   | P         | 0.6152   | µg/l        | 8/31/2018 13:13:03   |      |

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284 Sheffield Street,  
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Reviewed by : AS

8/31/2018 10:43

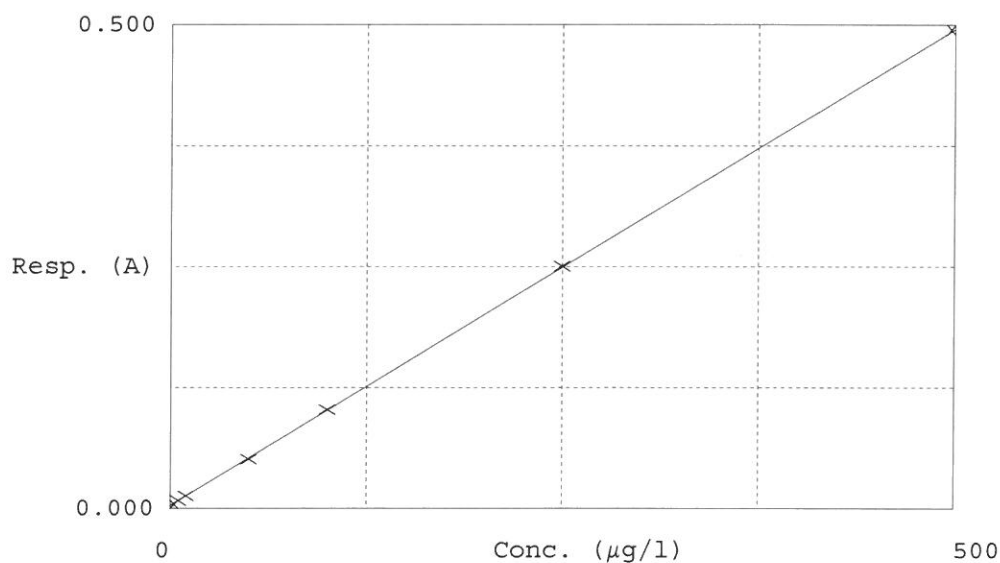
Test Total CN

Accepted 8/31/2018 10:43

Factor 1016  
Bias 0.003

Coeff. of det. 0.999979

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | 0.1611     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 5.0655     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.9540     | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 48.5285    | 50.0000  |        |
| 5 | 100PPBCN   | 0.102    | 100.6944   | 100.0000 |        |
| 6 | 250PPBCN   | 0.251    | 251.1758   | 250.0000 |        |
| 7 | 500PPBCN   | 0.495    | 499.4206   | 500.0000 |        |