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Aquakem 7.2AQ1

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

6/20/2018 16:06

Test: Total CN Mg/L

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 97.801  | 0.0      | 0.095    |        |
| ICB1        | 0.705   | 0.0      | 0.004    |        |
| CCV1        | 243.471 | 0.0      | 0.233    |        |
| CCB1        | 0.450   | 0.0      | 0.004    |        |
| PB110433BL  | 0.530   | 0.0      | 0.004    |        |
| PB110433BS  | 99.204  | 0.0      | 0.097    |        |
| J3245-09    | 1.322   | 0.0      | 0.005    |        |
| J3245-09DUP | 1.302   | 0.0      | 0.005    |        |
| J3245-09MS  | 38.233  | 0.0      | 0.039    |        |
| J3245-09MSD | 38.728  | 0.0      | 0.040    |        |
| J3245-11    | 2.262   | 0.0      | 0.005    |        |
| J3245-13    | 0.930   | 0.0      | 0.004    |        |
| J3245-15    | 0.414   | 0.0      | 0.004    |        |
| J3247-05    | 2.209   | 0.0      | 0.005    |        |
| CCV2        | 245.631 | 0.0      | 0.235    |        |
| CCB2        | 0.238   | 0.0      | 0.004    |        |
| J3594-01    | 0.899   | 0.0      | 0.004    |        |
| J3594-03    | 6.122   | 0.0      | 0.009    |        |
| J3594-05    | 1.332   | 0.0      | 0.005    |        |
| J3594-07    | 1.301   | 0.0      | 0.005    |        |
| J3595-01    | 1.218   | 0.0      | 0.004    |        |
| J3595-03    | 6.502   | 0.0      | 0.009    |        |
| J3606-01    | 0.228   | 0.0      | 0.004    |        |
| CCV3        | 258.734 | 0.0      | 0.247    |        |
| CCB3        | 0.365   | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 25      |
| Mean | 42.005  |
| SD   | 82.8941 |
| CV%  | 197.34  |

AS

Aquakem v. 7.2AQ1

Results from time period:

Wed Jun 20 15:35:49 2018

Wed Jun 20 16:06:03 2018

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN   | P         | -0.0402  | µg/l        | 6/20/2018 8:14:32    |      |
| 5.0PPBCN    | A          | Total CN   | P         | 5.4147   | µg/l        | 6/20/2018 8:14:33    |      |
| 10PPBCN     | A          | Total CN   | P         | 10.1728  | µg/l        | 6/20/2018 8:14:34    |      |
| 50PPBCN     | A          | Total CN   | P         | 49.746   | µg/l        | 6/20/2018 8:14:35    |      |
| 100PPBCN    | A          | Total CN   | P         | 100.3906 | µg/l        | 6/20/2018 8:14:36    |      |
| 250PPBCN    | A          | Total CN   | P         | 248.753  | µg/l        | 6/20/2018 8:14:37    |      |
| 500PPBCN    | A          | Total CN   | P         | 500.5632 | µg/l        | 6/20/2018 8:14:38    |      |
| ICV1        | S          | Total CN   | P         | 97.8008  | µg/l        | 6/20/2018 15:35:49   |      |
| ICB1        | S          | Total CN   | P         | 0.7047   | µg/l        | 6/20/2018 15:35:50   |      |
| CCV1        | S          | Total CN   | P         | 243.471  | µg/l        | 6/20/2018 15:35:51   |      |
| CCB1        | S          | Total CN   | P         | 0.4497   | µg/l        | 6/20/2018 15:35:52   |      |
| PB110433BL  | S          | Total CN   | P         | 0.5301   | µg/l        | 6/20/2018 15:35:53   |      |
| PB110433BS  | S          | Total CN   | P         | 99.2039  | µg/l        | 6/20/2018 15:35:54   |      |
| J3245-09    | S          | Total CN   | P         | 1.3219   | µg/l        | 6/20/2018 15:35:55   |      |
| J3245-09DUP | S          | Total CN   | P         | 1.302    | µg/l        | 6/20/2018 15:35:56   |      |
| J3245-09MS  | S          | Total CN   | P         | 38.2326  | µg/l        | 6/20/2018 15:35:57   |      |
| J3245-09MSD | S          | Total CN   | P         | 38.7284  | µg/l        | 6/20/2018 15:35:58   |      |
| J3245-11    | S          | Total CN   | P         | 2.2618   | µg/l        | 6/20/2018 15:35:59   |      |
| J3245-13    | S          | Total CN   | P         | 0.9298   | µg/l        | 6/20/2018 15:43:22   |      |
| J3245-15    | S          | Total CN   | P         | 0.4141   | µg/l        | 6/20/2018 15:43:23   |      |
| J3247-05    | S          | Total CN   | P         | 2.2087   | µg/l        | 6/20/2018 15:43:24   |      |
| CCV2        | S          | Total CN   | P         | 245.6314 | µg/l        | 6/20/2018 15:43:25   |      |
| CCB2        | S          | Total CN   | P         | 0.2383   | µg/l        | 6/20/2018 15:43:26   |      |
| J3594-01    | S          | Total CN   | P         | 0.8992   | µg/l        | 6/20/2018 15:43:27   |      |
| J3594-03    | S          | Total CN   | P         | 6.1216   | µg/l        | 6/20/2018 15:43:28   |      |
| J3594-05    | S          | Total CN   | P         | 1.3324   | µg/l        | 6/20/2018 15:43:29   |      |
| J3594-07    | S          | Total CN   | P         | 1.3012   | µg/l        | 6/20/2018 15:43:30   |      |
| J3595-01    | S          | Total CN   | P         | 1.218    | µg/l        | 6/20/2018 15:43:31   |      |
| J3595-03    | S          | Total CN   | P         | 6.5025   | µg/l        | 6/20/2018 15:43:32   |      |
| J3606-01    | S          | Total CN   | P         | 0.2281   | µg/l        | 6/20/2018 15:47:41   |      |
| CCV3        | S          | Total CN   | P         | 258.7341 | µg/l        | 6/20/2018 15:47:42   |      |
| CCB3        | S          | Total CN   | P         | 0.3653   | µg/l        | 6/20/2018 15:47:43   |      |

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284 Sheffield Street,  
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Reviewed by : AS

6/20/2018 8:40

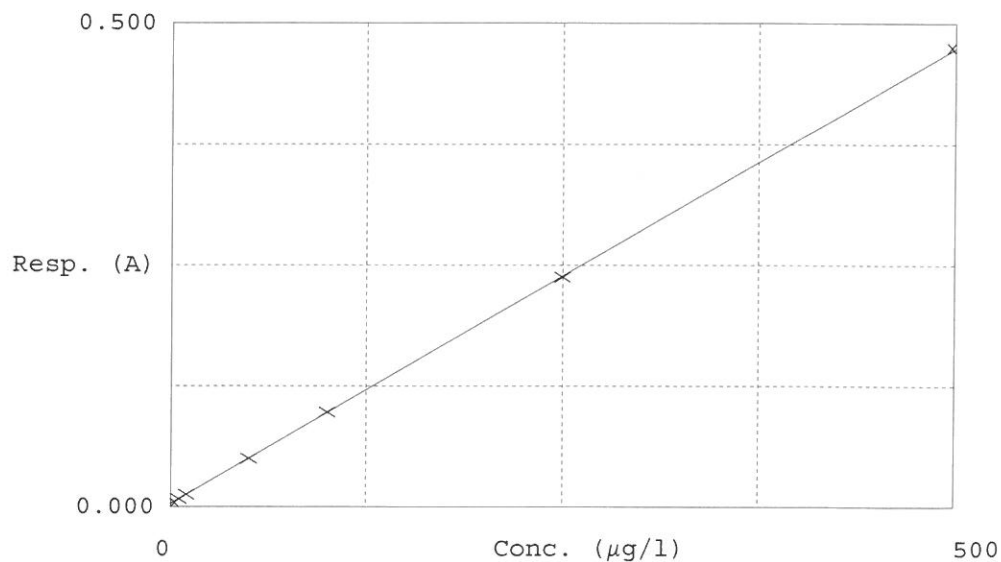
Test Total CN

Accepted 6/20/2018 8:40

Factor 1062  
Bias 0.003

Coeff. of det. 0.999989

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.0402    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 5.4147     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 10.1728    | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 49.7460    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 100.3906   | 100.0000 |        |
| 6 | 250PPBCN   | 0.238    | 248.7530   | 250.0000 |        |
| 7 | 500PPBCN   | 0.475    | 500.5632   | 500.0000 |        |