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Aquakem 7.2AQ1

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

1/17/2018 15:38

Test:

*Reactive*  
~~Total~~ CN *ug/d*

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 96.551  | 0.0      | 0.092    |        |
| ICB1        | 0.035   | 0.0      | 0.004    |        |
| CCV1        | 244.263 | 0.0      | 0.228    |        |
| CCB1        | -0.003  | 0.0      | 0.004    |        |
| PB105725BL  | -0.211  | 0.0      | 0.004    |        |
| J1021-02    | -0.424  | 0.0      | 0.004    |        |
| J1021-02DUP | -0.436  | 0.0      | 0.004    |        |
| J1151-03    | -0.406  | 0.0      | 0.004    |        |
| J1154-03    | -0.357  | 0.0      | 0.004    |        |
| J1156-04    | -0.361  | 0.0      | 0.004    |        |
| J1156-13    | -0.431  | 0.0      | 0.004    |        |
| J1158-01    | -0.412  | 0.0      | 0.004    |        |
| J1158-02    | -0.285  | 0.0      | 0.004    |        |
| CCV2        | 245.910 | 0.0      | 0.229    |        |
| CCB2        | -0.012  | 0.0      | 0.004    |        |
| J1158-04    | -0.417  | 0.0      | 0.004    |        |
| J1158-05    | -0.414  | 0.0      | 0.004    |        |
| J1159-01    | -0.460  | 0.0      | 0.004    |        |
| J1163-06    | -0.345  | 0.0      | 0.004    |        |
| J1163-12    | -0.554  | 0.0      | 0.004    |        |
| J1167-02    | -0.531  | 0.0      | 0.004    |        |
| J1167-04    | -0.349  | 0.0      | 0.004    |        |
| J1167-06    | -0.421  | 0.0      | 0.004    |        |
| J1158-03    | -0.400  | 0.0      | 0.004    |        |
| CCV3        | 251.649 | 0.0      | 0.234    |        |
| CCB3        | -0.153  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 26      |
| Mean | 31.963  |
| SD   | 81.5418 |
| CV%  | 255.12  |

AS.

Aquakem v. 7.2AQ1

Results from time period:

Wed Jan 17 15:12:13 2018

Wed Jan 17 15:36:51 2018

| Sample Id   | Sam/Ctr/c/ | Test short nam | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN    | P         | -0.6771  | µg/l        | 1/17/2018 13:30:35   |      |
| 5.OPPBCN    | A          | Reactive CN    | P         | 4.2458   | µg/l        | 1/17/2018 13:30:36   |      |
| 10PPBCN     | A          | Reactive CN    | P         | 9.2082   | µg/l        | 1/17/2018 13:30:37   |      |
| 50PPBCN     | A          | Reactive CN    | P         | 49.99    | µg/l        | 1/17/2018 13:30:38   |      |
| 100PPBCN    | A          | Reactive CN    | P         | 100.4719 | µg/l        | 1/17/2018 13:30:39   |      |
| 250PPBCN    | A          | Reactive CN    | P         | 253.6625 | µg/l        | 1/17/2018 13:30:40   |      |
| 500PPBCN    | A          | Reactive CN    | P         | 498.0988 | µg/l        | 1/17/2018 13:30:41   |      |
| ICV1        | S          | Reactive CN    | P         | 96.5508  | µg/l        | 1/17/2018 15:12:14   |      |
| ICB1        | S          | Reactive CN    | P         | 0.0345   | µg/l        | 1/17/2018 15:12:16   |      |
| CCV1        | S          | Reactive CN    | P         | 244.2629 | µg/l        | 1/17/2018 15:12:18   |      |
| CCB1        | S          | Reactive CN    | P         | -0.0035  | µg/l        | 1/17/2018 15:12:19   |      |
| PB105725BL  | S          | Reactive CN    | P         | -0.2115  | µg/l        | 1/17/2018 15:12:21   |      |
| J1021-02    | S          | Reactive CN    | P         | -0.424   | µg/l        | 1/17/2018 15:12:22   |      |
| J1021-02DUP | S          | Reactive CN    | P         | -0.4359  | µg/l        | 1/17/2018 15:12:23   |      |
| J1151-03    | S          | Reactive CN    | P         | -0.4061  | µg/l        | 1/17/2018 15:19:48   |      |
| J1154-03    | S          | Reactive CN    | P         | -0.357   | µg/l        | 1/17/2018 15:19:49   |      |
| J1156-04    | S          | Reactive CN    | P         | -0.361   | µg/l        | 1/17/2018 15:19:50   |      |
| J1156-13    | S          | Reactive CN    | P         | -0.4306  | µg/l        | 1/17/2018 15:19:51   |      |
| J1158-01    | S          | Reactive CN    | P         | -0.4115  | µg/l        | 1/17/2018 15:19:52   |      |
| J1158-02    | S          | Reactive CN    | P         | -0.285   | µg/l        | 1/17/2018 15:19:53   |      |
| CCV2        | S          | Reactive CN    | P         | 245.9096 | µg/l        | 1/17/2018 15:19:55   |      |
| CCB2        | S          | Reactive CN    | P         | -0.0124  | µg/l        | 1/17/2018 15:19:56   |      |
| J1158-04    | S          | Reactive CN    | P         | -0.4173  | µg/l        | 1/17/2018 15:19:57   |      |
| J1158-05    | S          | Reactive CN    | P         | -0.4139  | µg/l        | 1/17/2018 15:19:58   |      |
| J1159-01    | S          | Reactive CN    | P         | -0.4597  | µg/l        | 1/17/2018 15:25:59   |      |
| J1163-06    | S          | Reactive CN    | P         | -0.3445  | µg/l        | 1/17/2018 15:26:00   |      |
| J1163-12    | S          | Reactive CN    | P         | -0.5536  | µg/l        | 1/17/2018 15:26:01   |      |
| J1167-02    | S          | Reactive CN    | P         | -0.5308  | µg/l        | 1/17/2018 15:26:02   |      |
| J1167-04    | S          | Reactive CN    | P         | -0.3493  | µg/l        | 1/17/2018 15:26:03   |      |
| J1167-06    | S          | Reactive CN    | P         | -0.4214  | µg/l        | 1/17/2018 15:26:04   |      |
| J1158-03    | S          | Reactive CN    | P         | -0.3999  | µg/l        | 1/17/2018 15:34:37   |      |
| CCV3        | S          | Reactive CN    | P         | 251.6494 | µg/l        | 1/17/2018 15:36:50   |      |
| CCB3        | S          | Reactive CN    | P         | -0.153   | µg/l        | 1/17/2018 15:36:51   |      |

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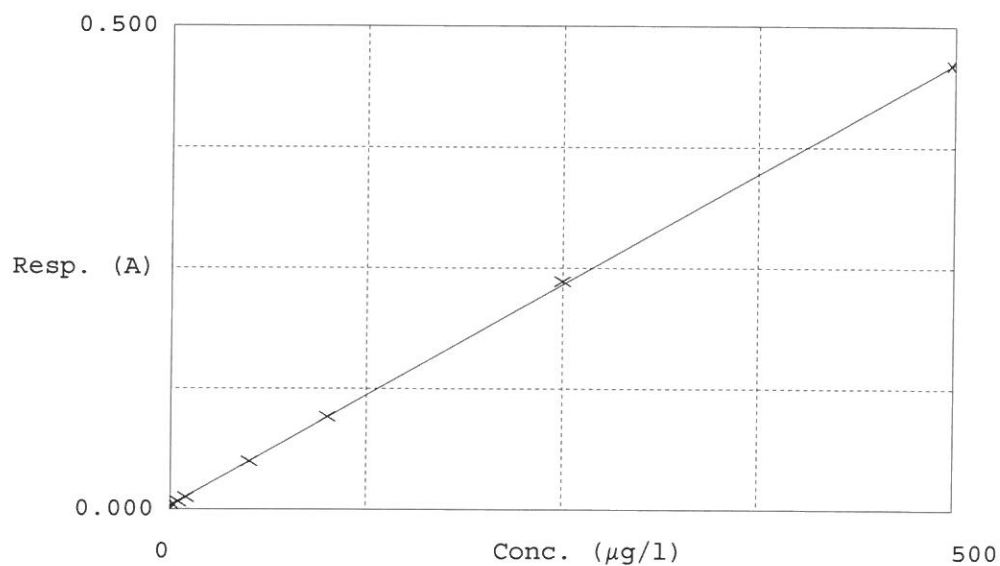
Test Total CN

Accepted 1/17/2018 13:35

Factor 1093  
Bias 0.004

Coeff. of det. 0.999908

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.6771    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.2458     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 9.2082     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 49.9900    | 50.0000  |        |
| 5 | 100PPBCN   | 0.096    | 100.4719   | 100.0000 |        |
| 6 | 250PPBCN   | 0.236    | 253.6625   | 250.0000 |        |
| 7 | 500PPBCN   | 0.460    | 498.0988   | 500.0000 |        |