

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

10/4/2018 12:31

Test:

*Reactive*  
Total CN *ug/L*

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 97.167  | 0.0      | 0.098    |        |
| ICB1        | -0.410  | 0.0      | 0.004    |        |
| CCV1        | 244.130 | 0.0      | 0.239    |        |
| CCB1        | -0.340  | 0.0      | 0.004    |        |
| PB113502BL  | -0.626  | 0.0      | 0.004    |        |
| J5199-02    | -1.068  | 0.0      | 0.003    |        |
| J5199-02DUP | -0.919  | 0.0      | 0.003    |        |
| J5204-02    | -0.973  | 0.0      | 0.003    |        |
| J5204-04    | -0.774  | 0.0      | 0.004    |        |
| J5238-03    | -0.698  | 0.0      | 0.004    |        |
| J5244-01    | -0.990  | 0.0      | 0.003    |        |
| J5244-02    | -0.663  | 0.0      | 0.004    |        |
| PB113506BL  | -0.544  | 0.0      | 0.004    |        |
| J5244-05    | -0.647  | 0.0      | 0.004    |        |
| CCV2        | 244.519 | 0.0      | 0.239    |        |
| CCB2        | -0.349  | 0.0      | 0.004    |        |
| J5244-05DUP | -0.417  | 0.0      | 0.004    |        |
| CCV3        | 245.642 | 0.0      | 0.240    |        |
| CCB3        | -0.573  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 19      |
| Mean | 43.235  |
| SD   | 92.3946 |
| CV%  | 213.70  |

Aquakem v. 7.2AQ1

Results from time period:

Thu Oct 04 10:16:51 2018

Thu Oct 04 12:31:04 2018

AB

| Sample Id   | Sam/Ctr/c/ | Test short nan | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN    | P         | -1.0605  | µg/l        | 10/4/2018 10:16:51   |      |
| 5.OPPBCN    | A          | Reactive CN    | P         | 4.0732   | µg/l        | 10/4/2018 10:16:52   |      |
| 10PPBCN     | A          | Reactive CN    | P         | 9.0739   | µg/l        | 10/4/2018 10:16:53   |      |
| 50PPBCN     | A          | Reactive CN    | P         | 50.2272  | µg/l        | 10/4/2018 10:16:54   |      |
| 100PPBCN    | A          | Reactive CN    | P         | 100.7978 | µg/l        | 10/4/2018 10:16:55   |      |
| 250PPBCN    | A          | Reactive CN    | P         | 254.086  | µg/l        | 10/4/2018 10:16:56   |      |
| 500PPBCN    | A          | Reactive CN    | P         | 497.8026 | µg/l        | 10/4/2018 10:16:57   |      |
| ICV1        | S          | Reactive CN    | P         | 97.1671  | µg/l        | 10/4/2018 12:03:50   |      |
| ICB1        | S          | Reactive CN    | P         | -0.4098  | µg/l        | 10/4/2018 12:03:51   |      |
| CCV1        | S          | Reactive CN    | P         | 244.1304 | µg/l        | 10/4/2018 12:03:52   |      |
| CCB1        | S          | Reactive CN    | P         | -0.3403  | µg/l        | 10/4/2018 12:03:53   |      |
| PB113502BL  | S          | Reactive CN    | P         | -0.6261  | µg/l        | 10/4/2018 12:03:54   |      |
| J5199-02    | S          | Reactive CN    | P         | -1.0683  | µg/l        | 10/4/2018 12:03:55   |      |
| J5199-02DUP | S          | Reactive CN    | P         | -0.9192  | µg/l        | 10/4/2018 12:03:56   |      |
| J5204-02    | S          | Reactive CN    | P         | -0.9727  | µg/l        | 10/4/2018 12:03:57   |      |
| J5204-04    | S          | Reactive CN    | P         | -0.7736  | µg/l        | 10/4/2018 12:03:58   |      |
| J5238-03    | S          | Reactive CN    | P         | -0.6976  | µg/l        | 10/4/2018 12:03:59   |      |
| J5244-01    | S          | Reactive CN    | P         | -0.9901  | µg/l        | 10/4/2018 12:04:00   |      |
| J5244-02    | S          | Reactive CN    | P         | -0.6634  | µg/l        | 10/4/2018 12:11:25   |      |
| PB113506BL  | S          | Reactive CN    | P         | -0.5439  | µg/l        | 10/4/2018 12:11:26   |      |
| J5244-05    | S          | Reactive CN    | P         | -0.6468  | µg/l        | 10/4/2018 12:11:27   |      |
| CCV2        | S          | Reactive CN    | P         | 244.5186 | µg/l        | 10/4/2018 12:11:28   |      |
| CCB2        | S          | Reactive CN    | P         | -0.349   | µg/l        | 10/4/2018 12:11:29   |      |
| J5244-05DUP | S          | Reactive CN    | P         | -0.4166  | µg/l        | 10/4/2018 12:11:30   |      |
| CCV3        | S          | Reactive CN    | P         | 245.6423 | µg/l        | 10/4/2018 12:11:31   |      |
| CCB3        | S          | Reactive CN    | P         | -0.5734  | µg/l        | 10/4/2018 12:11:32   |      |

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10/4/2018 10:28

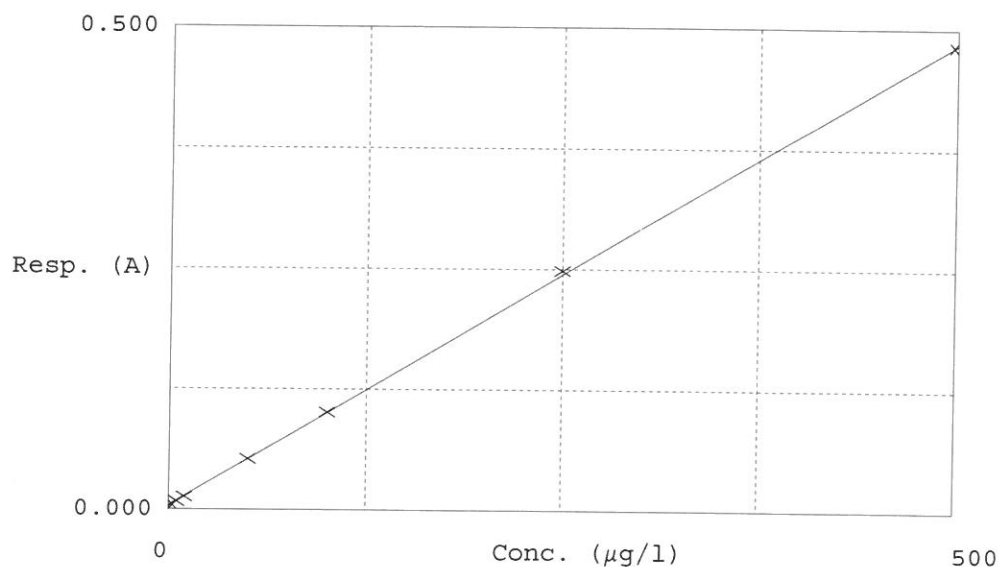
Test Total CN

Accepted 10/4/2018 10:28

Factor 1042  
Bias 0.004

Coeff. of det. 0.999878

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -1.0605    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.0732     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.0739     | 10.0000  |        |
| 4 | 50PPBCN    | 0.053    | 50.2272    | 50.0000  |        |
| 5 | 100PPBCN   | 0.101    | 100.7978   | 100.0000 |        |
| 6 | 250PPBCN   | 0.248    | 254.0860   | 250.0000 |        |
| 7 | 500PPBCN   | 0.482    | 497.8026   | 500.0000 |        |