

LB96194

Test results

Aquakem 7.2AQ1

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CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092Reviewed by : DP

9/20/2017 11:53

Test: Reactive Total CN

ug/L

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 97.346  | 0.0      | 0.096    |        |
| ICB1        | -0.337  | 0.0      | 0.003    |        |
| CCV1        | 242.587 | 0.0      | 0.234    |        |
| CCB1        | -0.274  | 0.0      | 0.003    |        |
| PB102441BL  | -0.546  | 0.0      | 0.003    |        |
| I5285-06    | -0.612  | 0.0      | 0.003    |        |
| I5285-06DUP | -0.535  | 0.0      | 0.003    |        |
| I5285-07    | 0.343   | 0.0      | 0.004    |        |
| I5285-08    | -0.668  | 0.0      | 0.003    |        |
| I5285-09    | 0.106   | 0.0      | 0.004    |        |
| I5285-10    | -0.547  | 0.0      | 0.003    |        |
| I5288-02    | -0.072  | 0.0      | 0.004    |        |
| I5291-02    | -0.115  | 0.0      | 0.003    |        |
| I5292-03    | -0.375  | 0.0      | 0.003    |        |
| CCV2        | 246.188 | 0.0      | 0.238    |        |
| CCB2        | 0.619   | 0.0      | 0.004    |        |
| I5293-06    | -0.534  | 0.0      | 0.003    |        |
| I5293-09    | -0.075  | 0.0      | 0.004    |        |
| I5293-12    | -0.696  | 0.0      | 0.003    |        |
| I5293-15    | -0.223  | 0.0      | 0.003    |        |
| I5293-03    | -0.150  | 0.0      | 0.003    |        |
| CCV3        | 260.196 | 0.0      | 0.251    |        |
| CCB3        | -0.060  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 23      |
| Mean | 36.590  |
| SD   | 86.8241 |
| CV%  | 237.29  |

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Aquakem v. 7.2AQ1

Results from time period:

Wed Sep 20 11:10:01 2017

Wed Sep 20 11:46:02 2017

| Sample Id   | Sam/Ctr/c/ | Test short nam | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN    | P         | -0.1263  | µg/l        | 9/20/2017 8:58:49    |      |
| 5.OPPBCN    | A          | Reactive CN    | P         | 4.777    | µg/l        | 9/20/2017 8:58:50    |      |
| 10PPBCN     | A          | Reactive CN    | P         | 9.2038   | µg/l        | 9/20/2017 8:58:51    |      |
| 50PPBCN     | A          | Reactive CN    | P         | 49.8815  | µg/l        | 9/20/2017 8:58:52    |      |
| 100PPBCN    | A          | Reactive CN    | P         | 101.1031 | µg/l        | 9/20/2017 8:58:53    |      |
| 250PPBCN    | A          | Reactive CN    | P         | 250.7032 | µg/l        | 9/20/2017 8:58:54    |      |
| 500PPBCN    | A          | Reactive CN    | P         | 499.4578 | µg/l        | 9/20/2017 8:58:55    |      |
| ICV1        | S          | Reactive CN    | P         | 97.3463  | µg/l        | 9/20/2017 11:10:02   |      |
| ICB1        | S          | Reactive CN    | P         | -0.3366  | µg/l        | 9/20/2017 11:10:03   |      |
| CCV1        | S          | Reactive CN    | P         | 242.5868 | µg/l        | 9/20/2017 11:10:06   |      |
| CCB1        | S          | Reactive CN    | P         | -0.2742  | µg/l        | 9/20/2017 11:10:07   |      |
| PB102441BL  | S          | Reactive CN    | P         | -0.5463  | µg/l        | 9/20/2017 11:10:09   |      |
| I5285-06    | S          | Reactive CN    | P         | -0.6123  | µg/l        | 9/20/2017 11:10:10   |      |
| I5285-06DUP | S          | Reactive CN    | P         | -0.5349  | µg/l        | 9/20/2017 11:10:11   |      |
| I5285-07    | S          | Reactive CN    | P         | 0.3433   | µg/l        | 9/20/2017 11:17:32   |      |
| I5285-08    | S          | Reactive CN    | P         | -0.6681  | µg/l        | 9/20/2017 11:17:33   |      |
| I5285-09    | S          | Reactive CN    | P         | 0.1059   | µg/l        | 9/20/2017 11:17:34   |      |
| I5285-10    | S          | Reactive CN    | P         | -0.5467  | µg/l        | 9/20/2017 11:17:35   |      |
| I5288-02    | S          | Reactive CN    | P         | -0.0718  | µg/l        | 9/20/2017 11:17:36   |      |
| I5291-02    | S          | Reactive CN    | P         | -0.1148  | µg/l        | 9/20/2017 11:17:37   |      |
| I5292-03    | S          | Reactive CN    | P         | -0.375   | µg/l        | 9/20/2017 11:17:38   |      |
| CCV2        | S          | Reactive CN    | P         | 246.1875 | µg/l        | 9/20/2017 11:17:39   |      |
| CCB2        | S          | Reactive CN    | P         | 0.6194   | µg/l        | 9/20/2017 11:17:40   |      |
| I5293-06    | S          | Reactive CN    | P         | -0.5342  | µg/l        | 9/20/2017 11:17:42   |      |
| I5293-09    | S          | Reactive CN    | P         | -0.0749  | µg/l        | 9/20/2017 11:22:19   |      |
| I5293-12    | S          | Reactive CN    | P         | -0.6957  | µg/l        | 9/20/2017 11:22:20   |      |
| I5293-15    | S          | Reactive CN    | P         | -0.2226  | µg/l        | 9/20/2017 11:22:21   |      |
| I5293-03    | S          | Reactive CN    | P         | -0.1496  | µg/l        | 9/20/2017 11:46:00   |      |
| CCV3        | S          | Reactive CN    | P         | 260.1961 | µg/l        | 9/20/2017 11:46:01   |      |
| CCB3        | S          | Reactive CN    | P         | -0.0598  | µg/l        | 9/20/2017 11:46:02   |      |

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Calibration results

Aquakem 7.2AQ1

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

9/20/2017 9:04

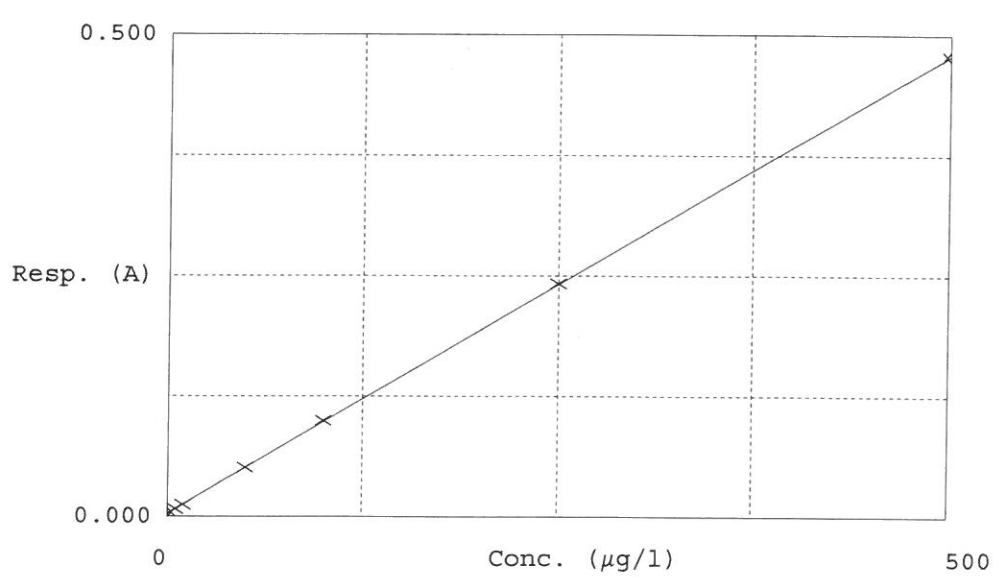
Test ~~Total~~ <sup>Reactive</sup> CN

Accepted 9/20/2017 9:04

Factor 1052  
Bias 0.004

Coeff. of det. 0.999987

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.1263    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.7770     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 9.2038     | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 49.8815    | 50.0000  |        |
| 5 | 100PPBCN   | 0.100    | 101.1031   | 100.0000 |        |
| 6 | 250PPBCN   | 0.242    | 250.7032   | 250.0000 |        |
| 7 | 500PPBCN   | 0.478    | 499.4578   | 500.0000 |        |