

LB90031

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

9/12/2017 17:18

Test: Reactive Total CN

ug/L

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 98.691  | 0.0      | 0.097    |        |
| ICB1        | -0.285  | 0.0      | 0.004    |        |
| CCV1        | 251.958 | 0.0      | 0.241    |        |
| CCB1        | -0.022  | 0.0      | 0.005    |        |
| PB102227BL  | -0.543  | 0.0      | 0.004    |        |
| I5158-03    | -1.001  | 0.0      | 0.004    |        |
| I5158-03DUP | -0.309  | 0.0      | 0.004    |        |
| I5159-12    | -0.850  | 0.0      | 0.004    |        |
| I5159-13    | -0.904  | 0.0      | 0.004    |        |
| I5159-14    | -0.692  | 0.0      | 0.004    |        |
| I5159-15    | -0.993  | 0.0      | 0.004    |        |
| I5159-16    | -0.641  | 0.0      | 0.004    |        |
| I5159-17    | -0.962  | 0.0      | 0.004    |        |
| I5159-18    | -0.951  | 0.0      | 0.004    |        |
| CCV2        | 252.034 | 0.0      | 0.241    |        |
| CCB2        | 0.748   | 0.0      | 0.005    |        |
| I5159-19    | -1.076  | 0.0      | 0.004    |        |
| I5159-20    | -0.593  | 0.0      | 0.004    |        |
| I5159-21    | -0.505  | 0.0      | 0.004    |        |
| I5159-22    | -0.758  | 0.0      | 0.004    |        |
| I5171-07    | -0.765  | 0.0      | 0.004    |        |
| I5175-03    | -0.476  | 0.0      | 0.004    |        |
| I5175-06    | -0.715  | 0.0      | 0.004    |        |
| I5184-03    | -0.866  | 0.0      | 0.004    |        |
| CCV3        | 256.134 | 0.0      | 0.245    |        |
| CCB3        | -0.173  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 26      |
| Mean | 32.519  |
| SD   | 83.6340 |
| CV%  | 257.19  |

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Aquakem v. 7.2AQ1

Results from time period:

Tue Sep 12 17:02:00 2017

Tue Sep 12 17:16:19 2017

| Sample Id   | Sam/Ctr/c/ | Test short nan | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Reactive CN    | P         | -0.0957  | µg/l        | 9/12/2017 12:41:47   |      |
| 5.0PPBCN    | A          | Reactive CN    | P         | 3.6787   | µg/l        | 9/12/2017 12:41:48   |      |
| 10PPBCN     | A          | Reactive CN    | P         | 8.5365   | µg/l        | 9/12/2017 12:41:49   |      |
| 50PPBCN     | A          | Reactive CN    | P         | 48.7343  | µg/l        | 9/12/2017 12:41:50   |      |
| 100PPBCN    | A          | Reactive CN    | P         | 100.9515 | µg/l        | 9/12/2017 12:41:51   |      |
| 250PPBCN    | A          | Reactive CN    | P         | 256.4319 | µg/l        | 9/12/2017 12:41:52   |      |
| 500PPBCN    | A          | Reactive CN    | P         | 496.7628 | µg/l        | 9/12/2017 12:41:53   |      |
| ICV1        | S          | Reactive CN    | P         | 98.6912  | µg/l        | 9/12/2017 17:02:01   |      |
| ICB1        | S          | Reactive CN    | P         | -0.2847  | µg/l        | 9/12/2017 17:02:02   |      |
| CCV1        | S          | Reactive CN    | P         | 251.958  | µg/l        | 9/12/2017 17:02:05   |      |
| CCB1        | S          | Reactive CN    | P         | -0.0216  | µg/l        | 9/12/2017 17:02:06   |      |
| PB102227BL  | S          | Reactive CN    | P         | -0.5429  | µg/l        | 9/12/2017 17:02:09   |      |
| I5158-03    | S          | Reactive CN    | P         | -1.0009  | µg/l        | 9/12/2017 17:02:10   |      |
| I5158-03DUP | S          | Reactive CN    | P         | -0.3091  | µg/l        | 9/12/2017 17:09:32   |      |
| I5159-12    | S          | Reactive CN    | P         | -0.85    | µg/l        | 9/12/2017 17:09:33   |      |
| I5159-13    | S          | Reactive CN    | P         | -0.9044  | µg/l        | 9/12/2017 17:09:34   |      |
| I5159-14    | S          | Reactive CN    | P         | -0.6925  | µg/l        | 9/12/2017 17:09:35   |      |
| I5159-15    | S          | Reactive CN    | P         | -0.9931  | µg/l        | 9/12/2017 17:09:36   |      |
| I5159-16    | S          | Reactive CN    | P         | -0.6409  | µg/l        | 9/12/2017 17:09:37   |      |
| I5159-17    | S          | Reactive CN    | P         | -0.9623  | µg/l        | 9/12/2017 17:09:38   |      |
| I5159-18    | S          | Reactive CN    | P         | -0.9506  | µg/l        | 9/12/2017 17:09:39   |      |
| CCV2        | S          | Reactive CN    | P         | 252.0345 | µg/l        | 9/12/2017 17:09:40   |      |
| CCB2        | S          | Reactive CN    | P         | 0.7485   | µg/l        | 9/12/2017 17:09:41   |      |
| I5159-19    | S          | Reactive CN    | P         | -1.0756  | µg/l        | 9/12/2017 17:09:42   |      |
| I5159-20    | S          | Reactive CN    | P         | -0.593   | µg/l        | 9/12/2017 17:16:11   |      |
| I5159-21    | S          | Reactive CN    | P         | -0.505   | µg/l        | 9/12/2017 17:16:12   |      |
| I5159-22    | S          | Reactive CN    | P         | -0.758   | µg/l        | 9/12/2017 17:16:13   |      |
| I5171-07    | S          | Reactive CN    | P         | -0.7649  | µg/l        | 9/12/2017 17:16:14   |      |
| I5175-03    | S          | Reactive CN    | P         | -0.4756  | µg/l        | 9/12/2017 17:16:15   |      |
| I5175-06    | S          | Reactive CN    | P         | -0.7147  | µg/l        | 9/12/2017 17:16:16   |      |
| I5184-03    | S          | Reactive CN    | P         | -0.8662  | µg/l        | 9/12/2017 17:16:17   |      |
| CCV3        | S          | Reactive CN    | P         | 256.134  | µg/l        | 9/12/2017 17:16:18   |      |
| CCB3        | S          | Reactive CN    | P         | -0.173   | µg/l        | 9/12/2017 17:16:19   |      |

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Calibration results

Aquakem 7.2AQ1

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

9/12/2017 12:56

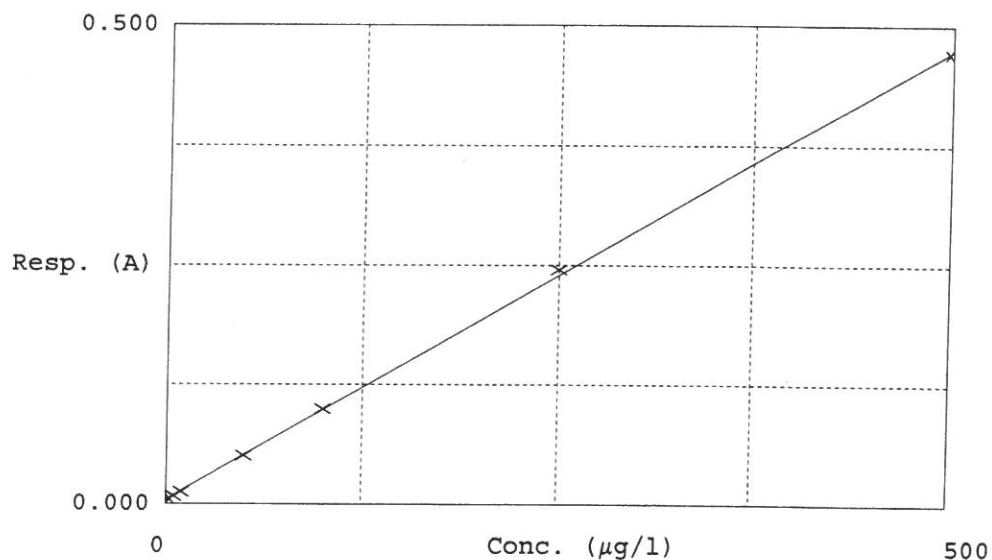
Test ~~Total CN~~  
*Reactive*

Accepted 9/12/2017 12:56

Factor 1065  
Bias 0.005

Coeff. of det. 0.999717

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.0957    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 3.6787     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 8.5365     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 48.7343    | 50.0000  |        |
| 5 | 100PPBCN   | 0.099    | 100.9515   | 100.0000 |        |
| 6 | 250PPBCN   | 0.245    | 256.4319   | 250.0000 |        |
| 7 | 500PPBCN   | 0.471    | 496.7628   | 500.0000 |        |