

LB90 331

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

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

9/26/2017 16:24

Test: Reactive  
Total CN ug/L

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 98.214  | 0.0      | 0.101    |        |
| ICB1        | 0.187   | 0.0      | 0.004    |        |
| CCV1        | 242.680 | 0.0      | 0.243    |        |
| CCB1        | 0.101   | 0.0      | 0.004    |        |
| PB102582BL  | 0.011   | 0.0      | 0.004    |        |
| I5380-03    | -0.432  | 0.0      | 0.004    |        |
| I5380-03DUP | -0.060  | 0.0      | 0.004    |        |
| I5394-03    | -0.773  | 0.0      | 0.003    |        |
| I5394-06    | -0.923  | 0.0      | 0.003    |        |
| I5394-09    | -0.648  | 0.0      | 0.003    |        |
| I5395-03    | -0.886  | 0.0      | 0.003    |        |
| I5395-06    | -0.891  | 0.0      | 0.003    |        |
| I5395-09    | -0.531  | 0.0      | 0.004    |        |
| I5395-12    | -0.853  | 0.0      | 0.003    |        |
| CCV2        | 244.254 | 0.0      | 0.244    |        |
| CCB2        | -0.067  | 0.0      | 0.004    |        |
| I5395-15    | -0.863  | 0.0      | 0.003    |        |
| I5395-18    | -0.254  | 0.0      | 0.004    |        |
| CCV3        | 260.531 | 0.0      | 0.260    |        |
| CCB3        | 0.149   | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 20      |
| Mean | 41.947  |
| SD   | 92.0212 |
| CV%  | 219.37  |

LB 90 331

Aquakem v. 7.2AQ1

Results from time period:

Tue Sep 26 16:10:22 2017

Tue Sep 26 16:21:50 2017

| Sample Id   | Sam/Ctr/c/ | Test short | nan | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive   | CN  | P         | -0.6014  | µg/l        | 9/26/2017 13:53:58   |      |
| 5.OPPBCN    | A          | Reactive   | CN  | P         | 4.492    | µg/l        | 9/26/2017 13:53:59   |      |
| 10PPBCN     | A          | Reactive   | CN  | P         | 9.8824   | µg/l        | 9/26/2017 13:54:00   |      |
| 50PPBCN     | A          | Reactive   | CN  | P         | 50.2069  | µg/l        | 9/26/2017 13:54:01   |      |
| 100PPBCN    | A          | Reactive   | CN  | P         | 100.7913 | µg/l        | 9/26/2017 13:54:02   |      |
| 250PPBCN    | A          | Reactive   | CN  | P         | 250.8006 | µg/l        | 9/26/2017 13:54:03   |      |
| 500PPBCN    | A          | Reactive   | CN  | P         | 499.4282 | µg/l        | 9/26/2017 13:54:04   |      |
| ICV1        | S          | Reactive   | CN  | P         | 98.2141  | µg/l        | 9/26/2017 16:10:23   |      |
| ICB1        | S          | Reactive   | CN  | P         | 0.1871   | µg/l        | 9/26/2017 16:10:24   |      |
| CCV1        | S          | Reactive   | CN  | P         | 242.6803 | µg/l        | 9/26/2017 16:10:27   |      |
| CCB1        | S          | Reactive   | CN  | P         | 0.1005   | µg/l        | 9/26/2017 16:10:28   |      |
| PB102582BL  | S          | Reactive   | CN  | P         | 0.0105   | µg/l        | 9/26/2017 16:10:30   |      |
| I5380-03    | S          | Reactive   | CN  | P         | -0.4316  | µg/l        | 9/26/2017 16:10:32   |      |
| I5380-03DUP | S          | Reactive   | CN  | P         | -0.0599  | µg/l        | 9/26/2017 16:17:57   |      |
| I5394-03    | S          | Reactive   | CN  | P         | -0.7732  | µg/l        | 9/26/2017 16:17:58   |      |
| I5394-06    | S          | Reactive   | CN  | P         | -0.9229  | µg/l        | 9/26/2017 16:17:59   |      |
| I5394-09    | S          | Reactive   | CN  | P         | -0.648   | µg/l        | 9/26/2017 16:18:00   |      |
| I5395-03    | S          | Reactive   | CN  | P         | -0.8857  | µg/l        | 9/26/2017 16:18:01   |      |
| I5395-06    | S          | Reactive   | CN  | P         | -0.8906  | µg/l        | 9/26/2017 16:18:02   |      |
| I5395-09    | S          | Reactive   | CN  | P         | -0.5306  | µg/l        | 9/26/2017 16:18:03   |      |
| I5395-12    | S          | Reactive   | CN  | P         | -0.8532  | µg/l        | 9/26/2017 16:18:04   |      |
| CCV2        | S          | Reactive   | CN  | P         | 244.2542 | µg/l        | 9/26/2017 16:18:05   |      |
| CCB2        | S          | Reactive   | CN  | P         | -0.0674  | µg/l        | 9/26/2017 16:18:06   |      |
| I5395-15    | S          | Reactive   | CN  | P         | -0.8625  | µg/l        | 9/26/2017 16:18:07   |      |
| I5395-18    | S          | Reactive   | CN  | P         | -0.2541  | µg/l        | 9/26/2017 16:21:48   |      |
| CCV3        | S          | Reactive   | CN  | P         | 260.5309 | µg/l        | 9/26/2017 16:21:49   |      |
| CCB3        | S          | Reactive   | CN  | P         | 0.1486   | µg/l        | 9/26/2017 16:21:50   |      |

=====  
Calibration results

Aquakem 7.2AQ1

LB90331

Page: 1

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

9/26/2017 13:54

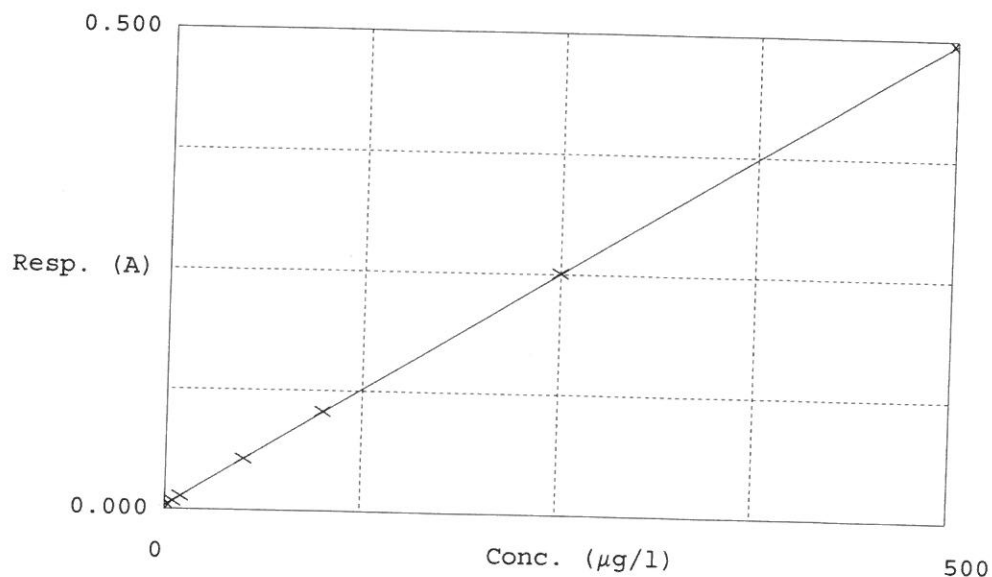
Test Reactive  
~~Total CN~~

Accepted 9/26/2017 13:54

Factor 1016  
Bias 0.004

Coeff. of det. 0.999989

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.6014    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.4920     | 5.0000   |        |
| 3 | 10PPBCN    | 0.014    | 9.8824     | 10.0000  |        |
| 4 | 50PPBCN    | 0.053    | 50.2069    | 50.0000  |        |
| 5 | 100PPBCN   | 0.103    | 100.7913   | 100.0000 |        |
| 6 | 250PPBCN   | 0.251    | 250.8006   | 250.0000 |        |
| 7 | 500PPBCN   | 0.496    | 499.4282   | 500.0000 |        |