

Test results

Aquakem 7.2AQ1

Page: 1

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

9/14/2017 15:32

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 97.312  | 0.0      | 0.095    |        |
| ICB1         | 0.472   | 0.0      | 0.004    |        |
| CCV1         | 249.113 | 0.0      | 0.238    |        |
| CCB1         | -0.128  | 0.0      | 0.004    |        |
| PB102334BL   | -0.794  | 0.0      | 0.003    |        |
| PB102334BS   | 95.088  | 0.0      | 0.093    |        |
| LOWPB102334  | 9.697   | 0.0      | 0.013    |        |
| HIGHPB102334 | 479.935 | 0.0      | 0.455    |        |
| I5229-06     | 4.943   | 0.0      | 0.009    |        |
| I5229-06DUP  | 2.993   | 0.0      | 0.007    |        |
| I5229-06MS   | 32.259  | 0.0      | 0.034    |        |
| I5229-06MSD  | 33.547  | 0.0      | 0.035    |        |
| I5229-07     | 0.057   | 0.0      | 0.004    |        |
| I5229-08     | 0.768   | 0.0      | 0.005    |        |
| CCV2         | 245.546 | 0.0      | 0.235    |        |
| CCB2         | -0.630  | 0.0      | 0.003    |        |
| I5229-09     | 1.165   | 0.0      | 0.005    |        |
| I5229-10     | 1.904   | 0.0      | 0.006    |        |
| I5229-11     | 1.084   | 0.0      | 0.005    |        |
| I5236-01     | 0.766   | 0.0      | 0.005    |        |
| CCV3         | 253.444 | 0.0      | 0.242    |        |
| CCB3         | -0.376  | 0.0      | 0.004    |        |

N 22  
Mean 68.553  
SD 126.1795  
CV% 184.06

Aquakem v. 7.2AQ1

Results from time period:

Thu Sep 14 13:41:36 2017

Thu Sep 14 15:30:44 2017

2B90079

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | -1.7496  | µg/l        | 9/14/2017 14:29:19   |      |
| 5.0PPBCN     | A          | Total CN   | P         | 3.829    | µg/l        | 9/14/2017 14:29:20   |      |
| 10PPBCN      | A          | Total CN   | P         | 8.9844   | µg/l        | 9/14/2017 14:29:21   |      |
| 50PPBCN      | A          | Total CN   | P         | 49.5934  | µg/l        | 9/14/2017 14:29:22   |      |
| 100PPBCN     | A          | Total CN   | P         | 100.9595 | µg/l        | 9/14/2017 14:29:23   |      |
| 250PPBCN     | A          | Total CN   | P         | 257.0047 | µg/l        | 9/14/2017 14:29:24   |      |
| 500PPBCN     | A          | Total CN   | P         | 496.3784 | µg/l        | 9/14/2017 14:29:25   |      |
| ICV1         | S          | Total CN   | P         | 97.3125  | µg/l        | 9/14/2017 15:16:25   |      |
| ICB1         | S          | Total CN   | P         | 0.4719   | µg/l        | 9/14/2017 15:16:26   |      |
| CCV1         | S          | Total CN   | P         | 249.1134 | µg/l        | 9/14/2017 15:16:29   |      |
| CCB1         | S          | Total CN   | P         | -0.1282  | µg/l        | 9/14/2017 15:16:30   |      |
| PB102334BL   | S          | Total CN   | P         | -0.794   | µg/l        | 9/14/2017 15:16:32   |      |
| PB102334BS   | S          | Total CN   | P         | 95.0876  | µg/l        | 9/14/2017 15:23:56   |      |
| LOWPB102334  | S          | Total CN   | P         | 9.6965   | µg/l        | 9/14/2017 15:23:58   |      |
| HIGHPB102334 | S          | Total CN   | P         | 479.9352 | µg/l        | 9/14/2017 15:23:59   |      |
| I5229-06     | S          | Total CN   | P         | 4.9432   | µg/l        | 9/14/2017 15:24:01   |      |
| I5229-06DUP  | S          | Total CN   | P         | 2.9927   | µg/l        | 9/14/2017 15:24:02   |      |
| I5229-06MS   | S          | Total CN   | P         | 32.2589  | µg/l        | 9/14/2017 15:24:03   |      |
| I5229-06MSD  | S          | Total CN   | P         | 33.5467  | µg/l        | 9/14/2017 15:24:04   |      |
| I5229-07     | S          | Total CN   | P         | 0.0568   | µg/l        | 9/14/2017 15:24:05   |      |
| I5229-08     | S          | Total CN   | P         | 0.7678   | µg/l        | 9/14/2017 15:24:06   |      |
| CCV2         | S          | Total CN   | P         | 245.5457 | µg/l        | 9/14/2017 15:30:36   |      |
| CCB2         | S          | Total CN   | P         | -0.6303  | µg/l        | 9/14/2017 15:30:37   |      |
| I5229-09     | S          | Total CN   | P         | 1.1653   | µg/l        | 9/14/2017 15:30:38   |      |
| I5229-10     | S          | Total CN   | P         | 1.9043   | µg/l        | 9/14/2017 15:30:39   |      |
| I5229-11     | S          | Total CN   | P         | 1.084    | µg/l        | 9/14/2017 15:30:40   |      |
| I5236-01     | S          | Total CN   | P         | 0.7657   | µg/l        | 9/14/2017 15:30:41   |      |
| CCV3         | S          | Total CN   | P         | 253.4439 | µg/l        | 9/14/2017 15:30:42   |      |
| CCB3         | S          | Total CN   | P         | -0.3764  | µg/l        | 9/14/2017 15:30:43   |      |

CHEMTECH  
284 Sheffield Street,  
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Reviewed by : DP

9/14/2017 14:42

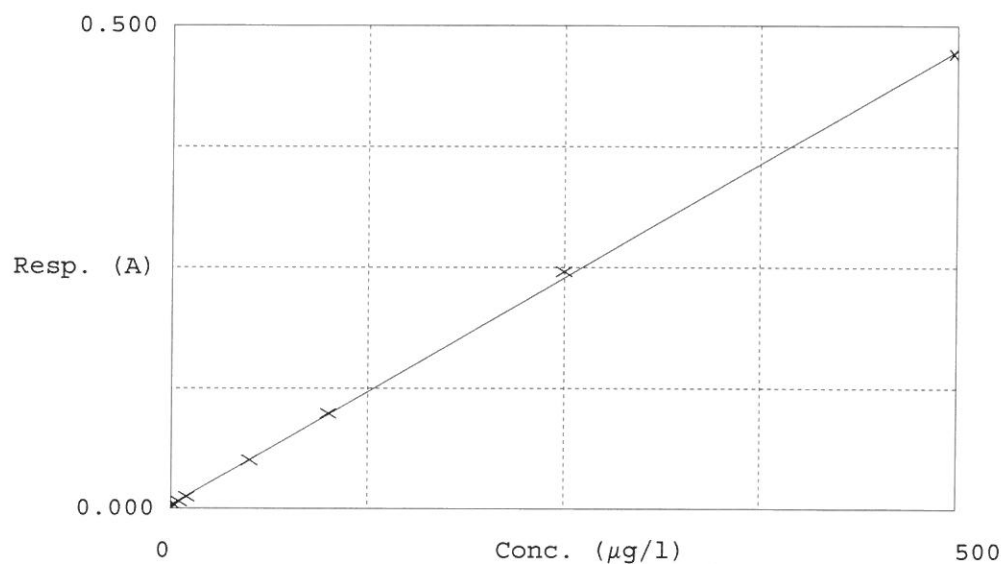
Test Total CN

Accepted 9/14/2017 14:42

Factor 1063  
Bias 0.004

Coeff. of det. 0.999666

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.002    | -1.7496    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.007    | 3.8290     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 8.9844     | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 49.5934    | 50.0000  |        |
| 5 | 100PPBCN   | 0.099    | 100.9595   | 100.0000 |        |
| 6 | 250PPBCN   | 0.246    | 257.0047   | 250.0000 |        |
| 7 | 500PPBCN   | 0.471    | 496.3784   | 500.0000 |        |