

LB96898

Test results

Aquakem 7.2AQ1

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

7/26/2018 14:16

Test: Total CN ug/L

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 97.168  | 0.0      | 0.094    |        |
| ICB1         | 0.001   | 0.0      | 0.004    |        |
| CCV1         | 241.154 | 0.0      | 0.227    |        |
| CCB1         | -0.029  | 0.0      | 0.004    |        |
| PB111496BL   | -0.461  | 0.0      | 0.004    |        |
| PB111496BS   | 98.367  | 0.0      | 0.095    |        |
| LOWPB111496  | 9.739   | 0.0      | 0.013    |        |
| HGIHPB111496 | 489.360 | 0.0      | 0.456    |        |
| J4152-01     | 0.608   | 0.0      | 0.004    |        |
| J4152-01DUP  | -0.232  | 0.0      | 0.004    |        |
| J4152-01MS   | 32.421  | 0.0      | 0.034    |        |
| J4152-01MSD  | 32.318  | 0.0      | 0.034    |        |
| J4152-05     | 0.697   | 0.0      | 0.005    |        |
| PB111495BL   | 0.131   | 0.0      | 0.004    |        |
| CCV2         | 243.106 | 0.0      | 0.228    |        |
| CCB2         | 0.199   | 0.0      | 0.004    |        |
| PB111495BS   | 99.228  | 0.0      | 0.096    |        |
| J4146-01     | 0.497   | 0.0      | 0.004    |        |
| J4146-01DUP  | 0.350   | 0.0      | 0.004    |        |
| J4146-01MS   | 38.829  | 0.0      | 0.040    |        |
| J4146-01MSD  | 39.025  | 0.0      | 0.040    |        |
| J4158-01     | 3.124   | 0.0      | 0.007    |        |
| J4167-01     | 0.690   | 0.0      | 0.005    |        |
| CCV3         | 243.712 | 0.0      | 0.229    |        |
| CCB3         | 0.183   | 0.0      | 0.004    |        |
| DOC-1        | 92.442  | 0.0      | 0.089    |        |
| DOC-2        | 92.700  | 0.0      | 0.089    |        |
| DOC-3        | 89.761  | 0.0      | 0.087    |        |
| DOC-4        | 97.466  | 0.0      | 0.094    |        |
| CCV4         | 252.185 | 0.0      | 0.237    |        |
| CCB4         | 0.000   | 0.0      | 0.004    |        |

N 31  
Mean 74.024  
SD 112.3608  
CV% 151.79

AS

Aquakem v. 7.2AQ1

Results from time period:

Thu Jul 26 13:41:41 2018

Thu Jul 26 14:16:01 2018

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | -0.7474  | µg/l        | 7/26/2018 11:07:29   |      |
| 5.OPPBCN     | A          | Total CN   | P         | 3.8398   | µg/l        | 7/26/2018 11:07:30   |      |
| 10PPBCN      | A          | Total CN   | P         | 9.4456   | µg/l        | 7/26/2018 11:07:31   |      |
| 50PPBCN      | A          | Total CN   | P         | 50.1334  | µg/l        | 7/26/2018 11:07:32   |      |
| 100PPBCN     | A          | Total CN   | P         | 101.8269 | µg/l        | 7/26/2018 11:07:33   |      |
| 250PPBCN     | A          | Total CN   | P         | 251.7156 | µg/l        | 7/26/2018 11:07:34   |      |
| 500PPBCN     | A          | Total CN   | P         | 498.7862 | µg/l        | 7/26/2018 11:07:35   |      |
| ICV1         | S          | Total CN   | P         | 97.1679  | µg/l        | 7/26/2018 13:41:41   |      |
| ICB1         | S          | Total CN   | P         | 0.0014   | µg/l        | 7/26/2018 13:41:42   |      |
| CCV1         | S          | Total CN   | P         | 241.1542 | µg/l        | 7/26/2018 13:41:43   |      |
| CCB1         | S          | Total CN   | P         | -0.0292  | µg/l        | 7/26/2018 13:41:44   |      |
| PB111496BL   | S          | Total CN   | P         | -0.4614  | µg/l        | 7/26/2018 13:41:45   |      |
| PB111496BS   | S          | Total CN   | P         | 98.3673  | µg/l        | 7/26/2018 13:41:46   |      |
| LOWPB111496  | S          | Total CN   | P         | 9.739    | µg/l        | 7/26/2018 13:41:47   |      |
| HGIHPB111496 | S          | Total CN   | P         | 489.3596 | µg/l        | 7/26/2018 13:41:48   |      |
| J4152-01     | S          | Total CN   | P         | 0.6082   | µg/l        | 7/26/2018 13:41:49   |      |
| J4152-01DUP  | S          | Total CN   | P         | -0.2324  | µg/l        | 7/26/2018 13:41:50   |      |
| J4152-01MS   | S          | Total CN   | P         | 32.4214  | µg/l        | 7/26/2018 13:41:51   |      |
| J4152-01MSD  | S          | Total CN   | P         | 32.3179  | µg/l        | 7/26/2018 13:49:13   |      |
| J4152-05     | S          | Total CN   | P         | 0.6967   | µg/l        | 7/26/2018 13:49:14   |      |
| PB111495BL   | S          | Total CN   | P         | 0.131    | µg/l        | 7/26/2018 13:49:15   |      |
| CCV2         | S          | Total CN   | P         | 243.1064 | µg/l        | 7/26/2018 13:49:16   |      |
| CCB2         | S          | Total CN   | P         | 0.1992   | µg/l        | 7/26/2018 13:49:17   |      |
| PB111495BS   | S          | Total CN   | P         | 99.2283  | µg/l        | 7/26/2018 13:49:18   |      |
| J4146-01     | S          | Total CN   | P         | 0.497    | µg/l        | 7/26/2018 13:49:19   |      |
| J4146-01DUP  | S          | Total CN   | P         | 0.3497   | µg/l        | 7/26/2018 13:49:20   |      |
| J4146-01MS   | S          | Total CN   | P         | 38.8286  | µg/l        | 7/26/2018 13:49:21   |      |
| J4146-01MSD  | S          | Total CN   | P         | 39.0251  | µg/l        | 7/26/2018 13:49:22   |      |
| J4158-01     | S          | Total CN   | P         | 3.1242   | µg/l        | 7/26/2018 13:49:23   |      |
| J4167-01     | S          | Total CN   | P         | 0.69     | µg/l        | 7/26/2018 13:56:48   |      |
| CCV3         | S          | Total CN   | P         | 243.7124 | µg/l        | 7/26/2018 13:56:52   |      |
| CCB3         | S          | Total CN   | P         | 0.183    | µg/l        | 7/26/2018 13:56:53   |      |
| DOC-1        | S          | Total CN   | P         | 92.4423  | µg/l        | 7/26/2018 14:15:56   |      |
| DOC-2        | S          | Total CN   | P         | 92.6996  | µg/l        | 7/26/2018 14:15:57   |      |
| DOC-3        | S          | Total CN   | P         | 89.7615  | µg/l        | 7/26/2018 14:15:58   |      |
| DOC-4        | S          | Total CN   | P         | 97.4658  | µg/l        | 7/26/2018 14:15:59   |      |
| CCV4         | S          | Total CN   | P         | 252.1852 | µg/l        | 7/26/2018 14:16:00   |      |
| CCB4         | S          | Total CN   | P         | 0.0004   | µg/l        | 7/26/2018 14:16:01   |      |

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

7/26/2018 11:08

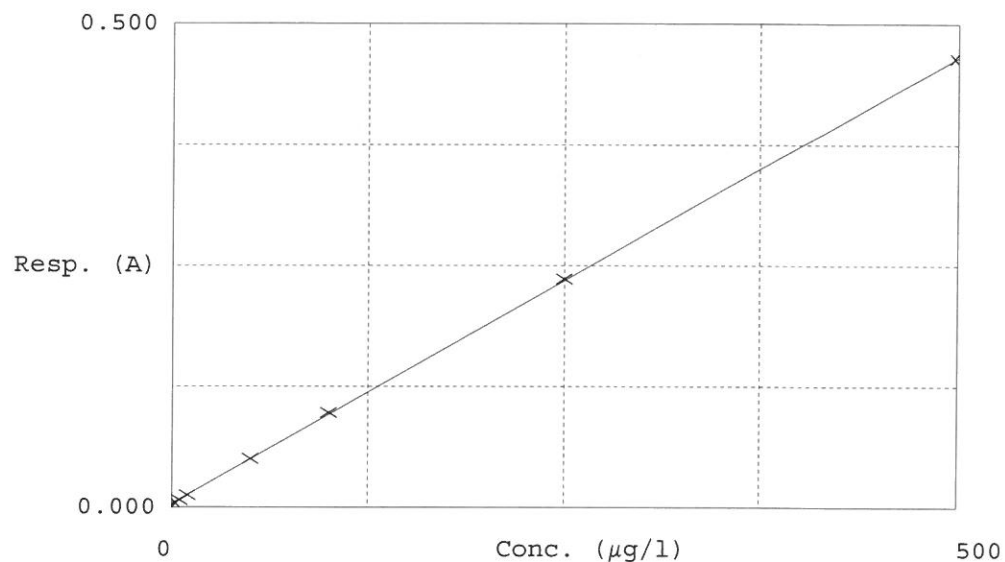
Test Total CN

Accepted 7/26/2018 11:08

Factor 1083  
Bias 0.004

Coeff. of det. 0.999951

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.7474    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.007    | 3.8398     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.4456     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 50.1334    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 101.8269   | 100.0000 |        |
| 6 | 250PPBCN   | 0.236    | 251.7156   | 250.0000 |        |
| 7 | 500PPBCN   | 0.464    | 498.7862   | 500.0000 |        |