

386084

Test results

Aquakem 7.2AQ1

Page: 1

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

2/28/2017 14:53

Test: Total CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 93.502  | 0.0      | 0.087    |        |
| ICB1        | -0.522  | 0.0      | 0.006    |        |
| CCV1        | 243.028 | 0.0      | 0.217    |        |
| CCB1        | -0.132  | 0.0      | 0.006    |        |
| PB97233BL   | -0.326  | 0.0      | 0.006    |        |
| PB97233BS   | 98.777  | 0.0      | 0.092    |        |
| LOWPB97233  | 9.790   | 0.0      | 0.015    |        |
| HIGHPB97233 | 488.622 | 0.0      | 0.430    |        |
| I1989-01    | -0.411  | 0.0      | 0.006    |        |
| I1989-01DUP | -0.815  | 0.0      | 0.006    |        |
| I1989-01MS  | 33.215  | 0.0      | 0.035    |        |
| I1989-01MSD | 31.555  | 0.0      | 0.034    |        |
| I1990-01    | -0.335  | 0.0      | 0.006    |        |
| I1991-01    | -0.221  | 0.0      | 0.006    |        |
| CCV2        | 246.140 | 0.0      | 0.220    |        |
| CCB2        | 0.839   | 0.0      | 0.007    |        |
| I1992-01    | 0.969   | 0.0      | 0.007    |        |
| I1992-03    | 0.543   | 0.0      | 0.007    |        |
| I1995-01    | 3.566   | 0.0      | 0.009    |        |
| I1995-03    | 2.835   | 0.0      | 0.009    |        |
| I1998-01    | 0.350   | 0.0      | 0.007    |        |
| I1998-04    | 1.695   | 0.0      | 0.008    |        |
| I1998-07    | 0.837   | 0.0      | 0.007    |        |
| I1998-10    | 1.487   | 0.0      | 0.008    |        |
| CCV3        | 245.775 | 0.0      | 0.219    |        |
| CCB3        | 0.140   | 0.0      | 0.006    |        |

|      |          |
|------|----------|
| N    | 26       |
| Mean | 57.727   |
| SD   | 118.8085 |
| CV%  | 205.81   |

LB86084

Aquakem v. 7.2AQ1

Results from time period:

Tue Feb 28 14:30:01 2017

Ak

Tue Feb 28 14:44:49 2017

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN   | P         | 0.2687   | µg/l        | 2/28/2017 12:11:28   |      |
| 5.0PPBCN    | A          | Total CN   | P         | 3.9082   | µg/l        | 2/28/2017 12:11:29   |      |
| 10PPBCN     | A          | Total CN   | P         | 9.6723   | µg/l        | 2/28/2017 12:11:30   |      |
| 50PPBCN     | A          | Total CN   | P         | 49.1672  | µg/l        | 2/28/2017 12:11:31   |      |
| 100PPBCN    | A          | Total CN   | P         | 100.6739 | µg/l        | 2/28/2017 12:11:32   |      |
| 250PPBCN    | A          | Total CN   | P         | 252.6873 | µg/l        | 2/28/2017 12:11:33   |      |
| 500PPBCN    | A          | Total CN   | P         | 498.6223 | µg/l        | 2/28/2017 12:11:34   |      |
| ICV1        | S          | Total CN   | P         | 93.5024  | µg/l        | 2/28/2017 14:30:01   |      |
| ICB1        | S          | Total CN   | P         | -0.5218  | µg/l        | 2/28/2017 14:30:02   |      |
| CCV1        | S          | Total CN   | P         | 243.028  | µg/l        | 2/28/2017 14:30:03   |      |
| CCB1        | S          | Total CN   | P         | -0.1323  | µg/l        | 2/28/2017 14:30:04   |      |
| PB97233BL   | S          | Total CN   | P         | -0.3259  | µg/l        | 2/28/2017 14:30:05   |      |
| PB97233BS   | S          | Total CN   | P         | 98.7768  | µg/l        | 2/28/2017 14:30:06   |      |
| LOWPB97233  | S          | Total CN   | P         | 9.7897   | µg/l        | 2/28/2017 14:30:07   |      |
| HIGHPB97233 | S          | Total CN   | P         | 488.6224 | µg/l        | 2/28/2017 14:30:08   |      |
| I1989-01    | S          | Total CN   | P         | -0.4114  | µg/l        | 2/28/2017 14:30:09   |      |
| I1989-01DUP | S          | Total CN   | P         | -0.8147  | µg/l        | 2/28/2017 14:30:10   |      |
| I1989-01MS  | S          | Total CN   | P         | 33.215   | µg/l        | 2/28/2017 14:30:11   |      |
| I1989-01MSD | S          | Total CN   | P         | 31.5545  | µg/l        | 2/28/2017 14:37:33   |      |
| I1990-01    | S          | Total CN   | P         | -0.3354  | µg/l        | 2/28/2017 14:37:34   |      |
| I1991-01    | S          | Total CN   | P         | -0.2214  | µg/l        | 2/28/2017 14:37:35   |      |
| CCV2        | S          | Total CN   | P         | 246.1399 | µg/l        | 2/28/2017 14:37:36   |      |
| CCB2        | S          | Total CN   | P         | 0.8394   | µg/l        | 2/28/2017 14:37:37   |      |
| I1992-01    | S          | Total CN   | P         | 0.9692   | µg/l        | 2/28/2017 14:37:38   |      |
| I1992-03    | S          | Total CN   | P         | 0.5434   | µg/l        | 2/28/2017 14:37:39   |      |
| I1995-01    | S          | Total CN   | P         | 3.5663   | µg/l        | 2/28/2017 14:37:40   |      |
| I1995-03    | S          | Total CN   | P         | 2.8347   | µg/l        | 2/28/2017 14:37:41   |      |
| I1998-01    | S          | Total CN   | P         | 0.3502   | µg/l        | 2/28/2017 14:37:42   |      |
| I1998-04    | S          | Total CN   | P         | 1.6949   | µg/l        | 2/28/2017 14:37:43   |      |
| I1998-07    | S          | Total CN   | P         | 0.8368   | µg/l        | 2/28/2017 14:44:40   |      |
| I1998-10    | S          | Total CN   | P         | 1.4875   | µg/l        | 2/28/2017 14:44:41   |      |
| CCV3        | S          | Total CN   | P         | 245.7753 | µg/l        | 2/28/2017 14:44:42   |      |
| CCB3        | S          | Total CN   | P         | 0.1401   | µg/l        | 2/28/2017 14:44:43   |      |

CB86084

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

2/28/2017 12:19

-----

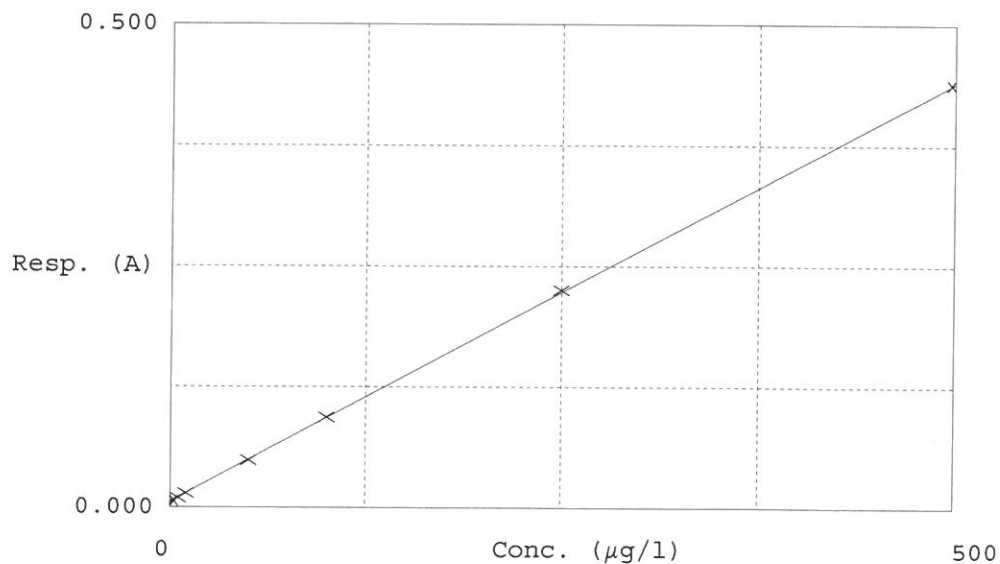
Test      Total CN

Accepted                      2/28/2017    12:19

Factor                        1154  
 Bias                          0.006

Coeff. of det.              0.999943

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.007    | 0.2687     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.010    | 3.9082     | 5.0000   |        |
| 3 | 10PPBCN    | 0.015    | 9.6723     | 10.0000  |        |
| 4 | 50PPBCN    | 0.049    | 49.1672    | 50.0000  |        |
| 5 | 100PPBCN   | 0.094    | 100.6739   | 100.0000 |        |
| 6 | 250PPBCN   | 0.225    | 252.6873   | 250.0000 |        |
| 7 | 500PPBCN   | 0.438    | 498.6223   | 500.0000 |        |