

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

12/7/2017 14:06

Test: Total CN Mg/d

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 97.391  | 0.0      | 0.093    |        |
| ICB1        | -0.110  | 0.0      | 0.004    |        |
| CCV1        | 247.801 | 0.0      | 0.232    |        |
| CCB1        | -0.041  | 0.0      | 0.004    |        |
| PB104804BL  | -0.183  | 0.0      | 0.004    |        |
| PB104804BS  | 100.114 | 0.0      | 0.096    |        |
| I6744-01    | 1.651   | 0.0      | 0.005    |        |
| I6744-01DUP | 1.556   | 0.0      | 0.005    |        |
| I6744-01MS  | 38.805  | 0.0      | 0.040    |        |
| I6744-01MSD | 38.325  | 0.0      | 0.039    |        |
| I6744-02    | 0.335   | 0.0      | 0.004    |        |
| I6744-03    | -0.243  | 0.0      | 0.004    |        |
| I6744-04    | 0.299   | 0.0      | 0.004    |        |
| I6744-06    | 0.965   | 0.0      | 0.005    |        |
| CCV2        | 247.392 | 0.0      | 0.231    |        |
| CCB2        | -0.007  | 0.0      | 0.004    |        |
| I6744-07    | 0.195   | 0.0      | 0.004    |        |
| I6744-08    | 0.248   | 0.0      | 0.004    |        |
| I6744-09    | 6.219   | 0.0      | 0.010    |        |
| I6744-10    | 0.401   | 0.0      | 0.004    |        |
| PB104805BL  | -0.191  | 0.0      | 0.004    |        |
| PB104805BS  | 98.906  | 0.0      | 0.095    |        |
| I6676-03    | 0.066   | 0.0      | 0.004    |        |
| I6676-03DUP | 0.155   | 0.0      | 0.004    |        |
| I6676-03MS  | 18.395  | 0.0      | 0.021    |        |
| I6676-03MSD | 18.709  | 0.0      | 0.021    |        |
| CCV3        | 249.303 | 0.0      | 0.233    |        |
| CCB3        | 0.145   | 0.0      | 0.004    |        |
| I6680-01    | 0.832   | 0.0      | 0.005    |        |
| I6680-03    | 0.025   | 0.0      | 0.004    |        |
| I6680-05    | 2.086   | 0.0      | 0.006    |        |
| I6680-07    | -0.162  | 0.0      | 0.004    |        |
| I6680-09    | -0.042  | 0.0      | 0.004    |        |
| I6684-01    | 0.278   | 0.0      | 0.004    |        |
| I6686-01    | 0.244   | 0.0      | 0.004    |        |
| CCV4        | 253.027 | 0.0      | 0.237    |        |
| CCB4        | 0.001   | 0.0      | 0.004    |        |

N 37  
Mean 38.457  
SD 79.4193  
CV% 206.52

AS

Aquakem v. 7.2AQ1

Results from time period:

Thu Dec 07 13:23:59 2017

Thu Dec 07 14:01:53 2017

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN   | P         | -0.5909  | µg/l        | 12/7/2017 8:38:33    |      |
| 5.0PPBCN    | A          | Total CN   | P         | 4.4002   | µg/l        | 12/7/2017 8:38:34    |      |
| 10PPBCN     | A          | Total CN   | P         | 9.2635   | µg/l        | 12/7/2017 8:38:35    |      |
| 50PPBCN     | A          | Total CN   | P         | 49.4812  | µg/l        | 12/7/2017 8:38:36    |      |
| 100PPBCN    | A          | Total CN   | P         | 100.7046 | µg/l        | 12/7/2017 8:38:37    |      |
| 250PPBCN    | A          | Total CN   | P         | 253.6195 | µg/l        | 12/7/2017 8:38:38    |      |
| 500PPBCN    | A          | Total CN   | P         | 498.1219 | µg/l        | 12/7/2017 8:38:39    |      |
| ICV1        | S          | Total CN   | P         | 97.3906  | µg/l        | 12/7/2017 13:24:00   |      |
| ICB1        | S          | Total CN   | P         | -0.11    | µg/l        | 12/7/2017 13:24:02   |      |
| CCV1        | S          | Total CN   | P         | 247.8012 | µg/l        | 12/7/2017 13:24:04   |      |
| CCB1        | S          | Total CN   | P         | -0.0409  | µg/l        | 12/7/2017 13:24:05   |      |
| PB104804BL  | S          | Total CN   | P         | -0.183   | µg/l        | 12/7/2017 13:24:07   |      |
| PB104804BS  | S          | Total CN   | P         | 100.1142 | µg/l        | 12/7/2017 13:24:08   |      |
| I6744-01    | S          | Total CN   | P         | 1.6513   | µg/l        | 12/7/2017 13:24:09   |      |
| I6744-01DUP | S          | Total CN   | P         | 1.5563   | µg/l        | 12/7/2017 13:31:31   |      |
| I6744-01MS  | S          | Total CN   | P         | 38.8051  | µg/l        | 12/7/2017 13:31:32   |      |
| I6744-01MSD | S          | Total CN   | P         | 38.3254  | µg/l        | 12/7/2017 13:31:33   |      |
| I6744-02    | S          | Total CN   | P         | 0.335    | µg/l        | 12/7/2017 13:31:34   |      |
| I6744-03    | S          | Total CN   | P         | -0.2431  | µg/l        | 12/7/2017 13:31:35   |      |
| I6744-04    | S          | Total CN   | P         | 0.2989   | µg/l        | 12/7/2017 13:31:36   |      |
| I6744-06    | S          | Total CN   | P         | 0.9651   | µg/l        | 12/7/2017 13:31:37   |      |
| CCV2        | S          | Total CN   | P         | 247.3922 | µg/l        | 12/7/2017 13:31:38   |      |
| CCB2        | S          | Total CN   | P         | -0.0066  | µg/l        | 12/7/2017 13:31:39   |      |
| I6744-07    | S          | Total CN   | P         | 0.1953   | µg/l        | 12/7/2017 13:31:40   |      |
| I6744-08    | S          | Total CN   | P         | 0.2478   | µg/l        | 12/7/2017 13:31:41   |      |
| I6744-09    | S          | Total CN   | P         | 6.2191   | µg/l        | 12/7/2017 13:39:06   |      |
| I6744-10    | S          | Total CN   | P         | 0.4011   | µg/l        | 12/7/2017 13:39:07   |      |
| PB104805BL  | S          | Total CN   | P         | -0.1909  | µg/l        | 12/7/2017 13:39:08   |      |
| PB104805BS  | S          | Total CN   | P         | 98.9063  | µg/l        | 12/7/2017 13:39:09   |      |
| I6676-03    | S          | Total CN   | P         | 0.0657   | µg/l        | 12/7/2017 13:39:10   |      |
| I6676-03DUP | S          | Total CN   | P         | 0.1552   | µg/l        | 12/7/2017 13:39:11   |      |
| I6676-03MS  | S          | Total CN   | P         | 18.3953  | µg/l        | 12/7/2017 13:39:12   |      |
| I6676-03MSD | S          | Total CN   | P         | 18.7095  | µg/l        | 12/7/2017 13:39:13   |      |
| CCV3        | S          | Total CN   | P         | 249.3031 | µg/l        | 12/7/2017 13:39:14   |      |
| CCB3        | S          | Total CN   | P         | 0.1454   | µg/l        | 12/7/2017 13:39:15   |      |
| I6680-01    | S          | Total CN   | P         | 0.8324   | µg/l        | 12/7/2017 13:39:16   |      |
| I6680-03    | S          | Total CN   | P         | 0.0251   | µg/l        | 12/7/2017 13:45:17   |      |
| I6680-05    | S          | Total CN   | P         | 2.086    | µg/l        | 12/7/2017 13:45:18   |      |
| I6680-07    | S          | Total CN   | P         | -0.1616  | µg/l        | 12/7/2017 13:45:19   |      |
| I6680-09    | S          | Total CN   | P         | -0.0418  | µg/l        | 12/7/2017 13:45:20   |      |
| I6684-01    | S          | Total CN   | P         | 0.2781   | µg/l        | 12/7/2017 13:45:21   |      |
| I6686-01    | S          | Total CN   | P         | 0.2438   | µg/l        | 12/7/2017 13:45:22   |      |

As

|      |   |          |   |               |                    |
|------|---|----------|---|---------------|--------------------|
| CCV4 | S | Total CN | P | 253.0268 µg/l | 12/7/2017 13:45:23 |
| CCB4 | S | Total CN | P | 0.0008 µg/l   | 12/7/2017 13:45:24 |

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

12/7/2017 8:40

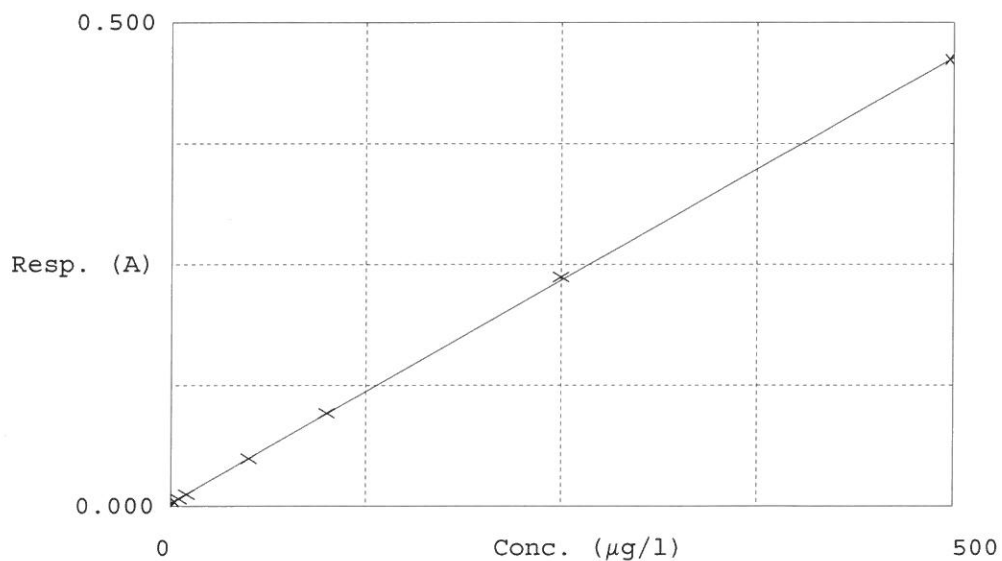
Test Total CN

Accepted 12/7/2017 8:39

Factor 1087  
Bias 0.004

Coeff. of det. 0.999909

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.5909    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.4002     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 9.2635     | 10.0000  |        |
| 4 | 50PPBCN    | 0.049    | 49.4812    | 50.0000  |        |
| 5 | 100PPBCN   | 0.096    | 100.7046   | 100.0000 |        |
| 6 | 250PPBCN   | 0.237    | 253.6195   | 250.0000 |        |
| 7 | 500PPBCN   | 0.462    | 498.1219   | 500.0000 |        |