

LB90218

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

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

9/21/2017 12:03

Test: Total CN

20912

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 95.454  | 0.0      | 0.096    |        |
| ICB1        | 0.352   | 0.0      | 0.004    |        |
| CCV1        | 247.939 | 0.0      | 0.242    |        |
| CCB1        | 0.095   | 0.0      | 0.004    |        |
| PB102461BL  | -0.811  | 0.0      | 0.003    |        |
| PB102461BS  | 94.670  | 0.0      | 0.095    |        |
| LOWPB102461 | 9.257   | 0.0      | 0.013    |        |
| MIDPB102461 | 476.225 | 0.0      | 0.461    |        |
| I5301-02    | -0.589  | 0.0      | 0.003    |        |
| I5301-03    | -0.605  | 0.0      | 0.003    |        |
| CCV2        | 244.899 | 0.0      | 0.239    |        |
| CCB2        | -0.255  | 0.0      | 0.004    |        |
| I5301-04    | -0.222  | 0.0      | 0.004    |        |
| I5301-05    | -0.045  | 0.0      | 0.004    |        |
| I5301-06    | 0.119   | 0.0      | 0.004    |        |
| I5301-08    | -0.560  | 0.0      | 0.003    |        |
| I5301-09    | -0.995  | 0.0      | 0.003    |        |
| I5301-10    | -0.708  | 0.0      | 0.003    |        |
| I5301-11    | -0.446  | 0.0      | 0.004    |        |
| I5301-12    | -0.639  | 0.0      | 0.003    |        |
| I5301-13    | -1.143  | 0.0      | 0.003    |        |
| CCV3        | 258.799 | 0.0      | 0.252    |        |
| CCB3        | 0.125   | 0.0      | 0.004    |        |
| I5301-01    | 0.010   | 0.0      | 0.004    |        |
| I5301-01DUP | 0.120   | 0.0      | 0.004    |        |
| I5301-01MS  | 33.856  | 0.0      | 0.037    |        |
| I5301-01MSD | 33.879  | 0.0      | 0.037    |        |
| CCV4        | 259.604 | 0.0      | 0.253    |        |
| CCB4        | -0.330  | 0.0      | 0.004    |        |

|      |          |
|------|----------|
| N    | 29       |
| Mean | 60.278   |
| SD   | 119.1789 |
| CV%  | 197.72   |

LB90218

Aquakem v. 7.2AQ1

Results from time period:

Thu Sep 21 10:16:25 2017

Thu Sep 21 11:57:12 2017

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN   | P         | 0.1937   | µg/l        | 9/21/2017 10:35:33   |      |
| 5.0PPBCN    | A          | Total CN   | P         | 3.9284   | µg/l        | 9/21/2017 10:35:34   |      |
| 10PPBCN     | A          | Total CN   | P         | 8.7351   | µg/l        | 9/21/2017 10:35:35   |      |
| 50PPBCN     | A          | Total CN   | P         | 49.2622  | µg/l        | 9/21/2017 10:35:36   |      |
| 100PPBCN    | A          | Total CN   | P         | 98.234   | µg/l        | 9/21/2017 10:35:37   |      |
| 250PPBCN    | A          | Total CN   | P         | 258.3672 | µg/l        | 9/21/2017 10:35:38   |      |
| 500PPBCN    | A          | Total CN   | P         | 496.2794 | µg/l        | 9/21/2017 10:35:39   |      |
| ICV1        | S          | Total CN   | P         | 95.4538  | µg/l        | 9/21/2017 11:18:55   |      |
| ICB1        | S          | Total CN   | P         | 0.3517   | µg/l        | 9/21/2017 11:18:56   |      |
| CCV1        | S          | Total CN   | P         | 247.9392 | µg/l        | 9/21/2017 11:18:59   |      |
| CCB1        | S          | Total CN   | P         | 0.0948   | µg/l        | 9/21/2017 11:19:01   |      |
| PB102461BL  | S          | Total CN   | P         | -0.8115  | µg/l        | 9/21/2017 11:19:03   |      |
| PB102461BS  | S          | Total CN   | P         | 94.6702  | µg/l        | 9/21/2017 11:19:04   |      |
| LOWPB102461 | S          | Total CN   | P         | 9.257    | µg/l        | 9/21/2017 11:26:28   |      |
| MIDPB102461 | S          | Total CN   | P         | 476.2246 | µg/l        | 9/21/2017 11:26:29   |      |
| I5301-02    | S          | Total CN   | P         | -0.589   | µg/l        | 9/21/2017 11:26:35   |      |
| I5301-03    | S          | Total CN   | P         | -0.6048  | µg/l        | 9/21/2017 11:26:36   |      |
| CCV2        | S          | Total CN   | P         | 244.8992 | µg/l        | 9/21/2017 11:34:01   |      |
| CCB2        | S          | Total CN   | P         | -0.2546  | µg/l        | 9/21/2017 11:34:02   |      |
| I5301-04    | S          | Total CN   | P         | -0.2224  | µg/l        | 9/21/2017 11:34:03   |      |
| I5301-05    | S          | Total CN   | P         | -0.0447  | µg/l        | 9/21/2017 11:34:04   |      |
| I5301-06    | S          | Total CN   | P         | 0.1186   | µg/l        | 9/21/2017 11:34:05   |      |
| I5301-08    | S          | Total CN   | P         | -0.5599  | µg/l        | 9/21/2017 11:34:06   |      |
| I5301-09    | S          | Total CN   | P         | -0.9949  | µg/l        | 9/21/2017 11:34:07   |      |
| I5301-10    | S          | Total CN   | P         | -0.7079  | µg/l        | 9/21/2017 11:34:08   |      |
| I5301-11    | S          | Total CN   | P         | -0.4455  | µg/l        | 9/21/2017 11:34:09   |      |
| I5301-12    | S          | Total CN   | P         | -0.6388  | µg/l        | 9/21/2017 11:34:10   |      |
| I5301-13    | S          | Total CN   | P         | -1.143   | µg/l        | 9/21/2017 11:34:11   |      |
| CCV3        | S          | Total CN   | P         | 258.7995 | µg/l        | 9/21/2017 11:37:24   |      |
| CCB3        | S          | Total CN   | P         | 0.1249   | µg/l        | 9/21/2017 11:37:25   |      |
| I5301-01    | S          | Total CN   | P         | 0.0104   | µg/l        | 9/21/2017 11:57:07   |      |
| I5301-01DUP | S          | Total CN   | P         | 0.1199   | µg/l        | 9/21/2017 11:57:08   |      |
| I5301-01MS  | S          | Total CN   | P         | 33.8564  | µg/l        | 9/21/2017 11:57:09   |      |
| I5301-01MSD | S          | Total CN   | P         | 33.8788  | µg/l        | 9/21/2017 11:57:10   |      |
| CCV4        | S          | Total CN   | P         | 259.6044 | µg/l        | 9/21/2017 11:57:11   |      |
| CCB4        | S          | Total CN   | P         | -0.33    | µg/l        | 9/21/2017 11:57:12   |      |

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

9/21/2017 10:39

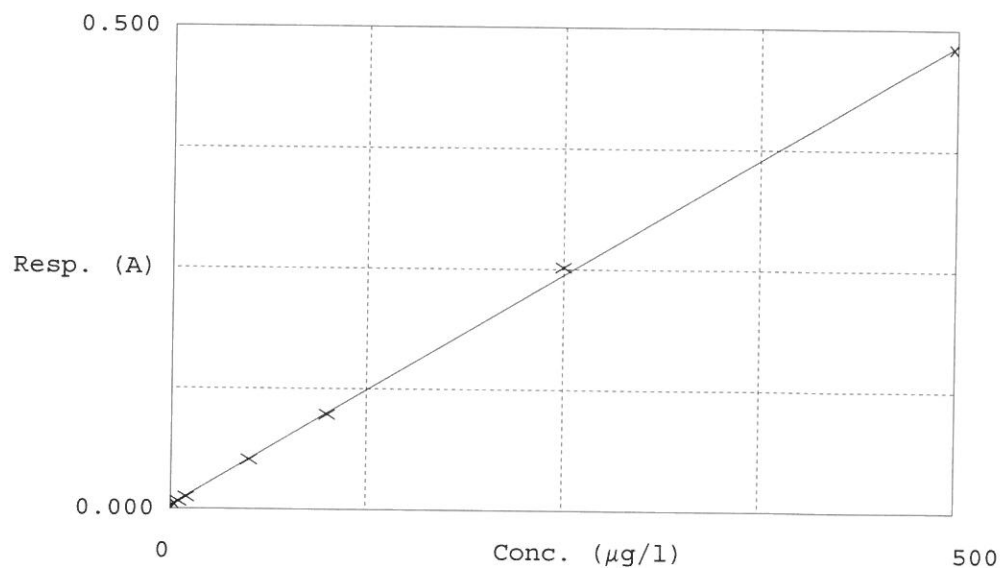
Test Total CN

Accepted 9/21/2017 10:39

Factor 1042  
Bias 0.004

Coeff. of det. 0.999561

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | 0.1937     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 3.9284     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 8.7351     | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 49.2622    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 98.2340    | 100.0000 |        |
| 6 | 250PPBCN   | 0.252    | 258.3672   | 250.0000 |        |
| 7 | 500PPBCN   | 0.480    | 496.2794   | 500.0000 |        |