

LB92826

Test results

Aquakem 7.2AQ1

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

1/24/2018 12:52

Test: *Reactive*  
~~Total~~ CN, *mg/d*

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 96.162  | 0.0      | 0.093    |        |
| ICB1        | 0.142   | 0.0      | 0.004    |        |
| CCV1        | 241.657 | 0.0      | 0.227    |        |
| CCB1        | 0.101   | 0.0      | 0.004    |        |
| PB1015943BL | 0.147   | 0.0      | 0.004    |        |
| J1259-01    | -0.031  | 0.0      | 0.004    |        |
| J1259-01DUP | -0.142  | 0.0      | 0.004    |        |
| J1259-02    | -0.096  | 0.0      | 0.004    |        |
| J1259-03    | -0.068  | 0.0      | 0.004    |        |
| J1259-04    | 0.182   | 0.0      | 0.004    |        |
| J1259-05    | -0.011  | 0.0      | 0.004    |        |
| J1259-06    | 0.107   | 0.0      | 0.004    |        |
| J1259-07    | 0.026   | 0.0      | 0.004    |        |
| J1259-08    | -0.042  | 0.0      | 0.004    |        |
| CCV2        | 245.406 | 0.0      | 0.231    |        |
| CCB2        | 0.291   | 0.0      | 0.004    |        |
| J1259-09    | 0.153   | 0.0      | 0.004    |        |
| J1259-10    | 0.191   | 0.0      | 0.004    |        |
| J1259-11    | -0.144  | 0.0      | 0.004    |        |
| J1259-12    | 0.128   | 0.0      | 0.004    |        |
| J1259-13    | 0.095   | 0.0      | 0.004    |        |
| J1259-14    | 0.061   | 0.0      | 0.004    |        |
| J1259-15    | -0.001  | 0.0      | 0.004    |        |
| J1259-16    | 0.052   | 0.0      | 0.004    |        |
| J1259-17    | 0.070   | 0.0      | 0.004    |        |
| J1259-18    | 0.000   | 0.0      | 0.004    |        |
| CCV3        | 243.012 | 0.0      | 0.229    |        |
| CCB3        | 0.424   | 0.0      | 0.004    |        |
| J1259-19    | 0.173   | 0.0      | 0.004    |        |
| PB105919BL  | -0.281  | 0.0      | 0.003    |        |
| J1254-01    | 0.139   | 0.0      | 0.004    |        |
| J1254-01DUP | 0.403   | 0.0      | 0.004    |        |
| J1254-02    | 0.164   | 0.0      | 0.004    |        |
| J1254-03    | 0.008   | 0.0      | 0.004    |        |
| J1254-04    | 0.089   | 0.0      | 0.004    |        |
| J1254-05    | 0.170   | 0.0      | 0.004    |        |
| J1254-06    | 0.398   | 0.0      | 0.004    |        |
| CCV4        | 240.455 | 0.0      | 0.226    |        |
| CCB4        | 0.485   | 0.0      | 0.004    |        |

N 39  
 Mean 27.438  
 SD 75.2861  
 CV% 274.39

AS

Aquakem v. 7.2AQ1

Results from time period:

Wed Jan 24 11:26:27 2018

Wed Jan 24 12:51:32 2018

| Sample Id   | Sam/Ctr/c/ | Test short nam | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN    | P         | -0.0996  | µg/l        | 1/24/2018 11:50:08   |      |
| 5.OPPBCN    | A          | Reactive CN    | P         | 4.6879   | µg/l        | 1/24/2018 11:50:09   |      |
| 10PPBCN     | A          | Reactive CN    | P         | 10.2417  | µg/l        | 1/24/2018 11:50:10   |      |
| 50PPBCN     | A          | Reactive CN    | P         | 51.4474  | µg/l        | 1/24/2018 11:50:11   |      |
| 100PPBCN    | A          | Reactive CN    | P         | 100.7528 | µg/l        | 1/24/2018 11:50:12   |      |
| 250PPBCN    | A          | Reactive CN    | P         | 246.5336 | µg/l        | 1/24/2018 11:50:13   |      |
| 500PPBCN    | A          | Reactive CN    | P         | 501.4362 | µg/l        | 1/24/2018 11:50:14   |      |
| ICV1        | S          | Reactive CN    | P         | 96.1623  | µg/l        | 1/24/2018 12:25:25   |      |
| ICB1        | S          | Reactive CN    | P         | 0.1415   | µg/l        | 1/24/2018 12:25:28   |      |
| CCV1        | S          | Reactive CN    | P         | 241.6566 | µg/l        | 1/24/2018 12:25:30   |      |
| CCB1        | S          | Reactive CN    | P         | 0.1007   | µg/l        | 1/24/2018 12:25:32   |      |
| PB1015943BL | S          | Reactive CN    | P         | 0.1465   | µg/l        | 1/24/2018 12:25:33   |      |
| J1259-01    | S          | Reactive CN    | P         | -0.031   | µg/l        | 1/24/2018 12:25:34   |      |
| J1259-01DUP | S          | Reactive CN    | P         | -0.1425  | µg/l        | 1/24/2018 12:25:35   |      |
| J1259-02    | S          | Reactive CN    | P         | -0.0957  | µg/l        | 1/24/2018 12:33:00   |      |
| J1259-03    | S          | Reactive CN    | P         | -0.0676  | µg/l        | 1/24/2018 12:33:01   |      |
| J1259-04    | S          | Reactive CN    | P         | 0.1818   | µg/l        | 1/24/2018 12:33:02   |      |
| J1259-05    | S          | Reactive CN    | P         | -0.0115  | µg/l        | 1/24/2018 12:33:03   |      |
| J1259-06    | S          | Reactive CN    | P         | 0.1069   | µg/l        | 1/24/2018 12:33:04   |      |
| J1259-07    | S          | Reactive CN    | P         | 0.0258   | µg/l        | 1/24/2018 12:33:05   |      |
| J1259-08    | S          | Reactive CN    | P         | -0.0421  | µg/l        | 1/24/2018 12:33:06   |      |
| CCV2        | S          | Reactive CN    | P         | 245.4065 | µg/l        | 1/24/2018 12:33:07   |      |
| CCB2        | S          | Reactive CN    | P         | 0.2908   | µg/l        | 1/24/2018 12:33:08   |      |
| J1259-09    | S          | Reactive CN    | P         | 0.1529   | µg/l        | 1/24/2018 12:33:09   |      |
| J1259-10    | S          | Reactive CN    | P         | 0.1906   | µg/l        | 1/24/2018 12:33:10   |      |
| J1259-11    | S          | Reactive CN    | P         | -0.1438  | µg/l        | 1/24/2018 12:40:33   |      |
| J1259-12    | S          | Reactive CN    | P         | 0.1282   | µg/l        | 1/24/2018 12:40:34   |      |
| J1259-13    | S          | Reactive CN    | P         | 0.0953   | µg/l        | 1/24/2018 12:40:35   |      |
| J1259-14    | S          | Reactive CN    | P         | 0.0613   | µg/l        | 1/24/2018 12:40:36   |      |
| J1259-15    | S          | Reactive CN    | P         | -0.0013  | µg/l        | 1/24/2018 12:40:37   |      |
| J1259-16    | S          | Reactive CN    | P         | 0.0524   | µg/l        | 1/24/2018 12:40:38   |      |
| J1259-17    | S          | Reactive CN    | P         | 0.0699   | µg/l        | 1/24/2018 12:40:39   |      |
| J1259-18    | S          | Reactive CN    | P         | 0        | µg/l        | 1/24/2018 12:40:40   |      |
| CCV3        | S          | Reactive CN    | P         | 243.0117 | µg/l        | 1/24/2018 12:40:41   |      |
| CCB3        | S          | Reactive CN    | P         | 0.424    | µg/l        | 1/24/2018 12:40:42   |      |
| J1259-19    | S          | Reactive CN    | P         | 0.1729   | µg/l        | 1/24/2018 12:40:43   |      |
| PB105919BL  | S          | Reactive CN    | P         | -0.2806  | µg/l        | 1/24/2018 12:48:08   |      |
| J1254-01    | S          | Reactive CN    | P         | 0.1392   | µg/l        | 1/24/2018 12:48:09   |      |
| J1254-01DUP | S          | Reactive CN    | P         | 0.4031   | µg/l        | 1/24/2018 12:48:10   |      |
| J1254-02    | S          | Reactive CN    | P         | 0.1638   | µg/l        | 1/24/2018 12:48:11   |      |
| J1254-03    | S          | Reactive CN    | P         | 0.0085   | µg/l        | 1/24/2018 12:48:12   |      |
| J1254-04    | S          | Reactive CN    | P         | 0.0888   | µg/l        | 1/24/2018 12:48:13   |      |

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|          |   |             |   |               |                    |
|----------|---|-------------|---|---------------|--------------------|
| J1254-05 | S | Reactive CN | P | 0.17 µg/l     | 1/24/2018 12:48:14 |
| J1254-06 | S | Reactive CN | P | 0.3981 µg/l   | 1/24/2018 12:48:15 |
| CCV4     | S | Reactive CN | P | 240.4551 µg/l | 1/24/2018 12:48:16 |
| CCB4     | S | Reactive CN | P | 0.485 µg/l    | 1/24/2018 12:48:17 |

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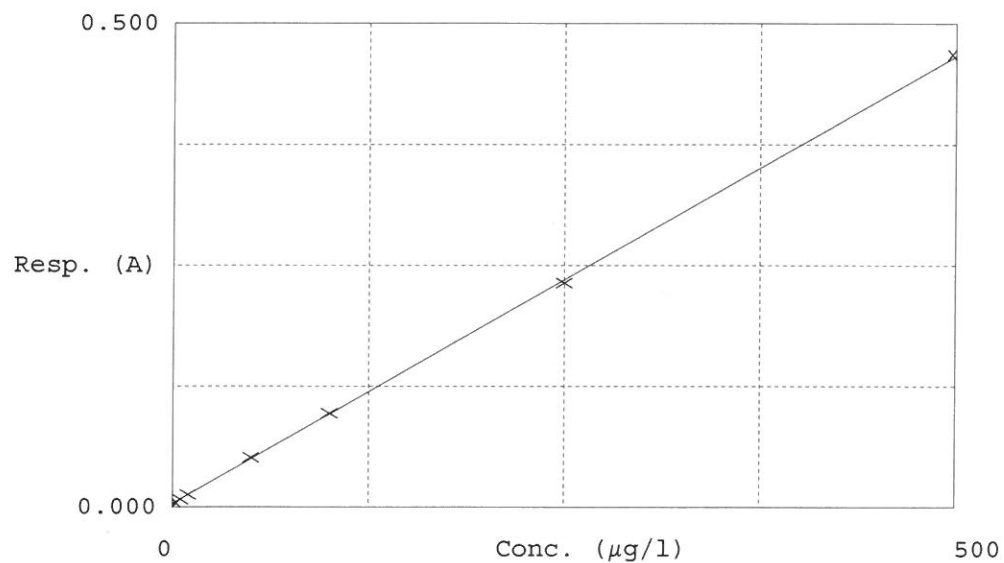
Test Total CN

Accepted 1/24/2018 11:52

Factor 1080  
Bias 0.004

Coeff. of det. 0.999918

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.0996    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.6879     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 10.2417    | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 51.4474    | 50.0000  |        |
| 5 | 100PPBCN   | 0.097    | 100.7528   | 100.0000 |        |
| 6 | 250PPBCN   | 0.232    | 246.5336   | 250.0000 |        |
| 7 | 500PPBCN   | 0.468    | 501.4362   | 500.0000 |        |