

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

Instrument ID : Konelab

4/17/2019 15:02

Test: *Reactive* ~~Total~~ CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 98.553  | 0.0      | 0.090    |        |
| ICB1        | -0.302  | 0.0      | 0.005    |        |
| CCV1        | 235.330 | 0.0      | 0.208    |        |
| CCB1        | -1.027  | 0.0      | 0.004    |        |
| PB118982BL  | -1.115  | 0.0      | 0.004    |        |
| K2196-06    | 0.035   | 0.0      | 0.005    |        |
| K2196-06DUP | -0.772  | 0.0      | 0.004    |        |
| K2197-08    | -0.877  | 0.0      | 0.004    |        |
| K2197-10    | -0.875  | 0.0      | 0.004    |        |
| K2197-12    | -0.865  | 0.0      | 0.004    |        |
| K2197-14    | -1.067  | 0.0      | 0.004    |        |
| K2198-04    | -0.967  | 0.0      | 0.004    |        |
| K2434-03    | 0.928   | 0.0      | 0.006    |        |
| CCV2        | 235.380 | 0.0      | 0.208    |        |
| CCB2        | -1.142  | 0.0      | 0.004    |        |
| K2441-04    | -0.939  | 0.0      | 0.004    |        |
| K2442-04    | -1.058  | 0.0      | 0.004    |        |
| K2442-08    | -0.970  | 0.0      | 0.004    |        |
| K2442-12    | -1.058  | 0.0      | 0.004    |        |
| K2442-16    | -1.264  | 0.0      | 0.004    |        |
| K2197-06    | -1.474  | 0.0      | 0.004    |        |
| CCV3        | 251.673 | 0.0      | 0.222    |        |
| CCB3        | -0.780  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 23      |
| Mean | 35.015  |
| SD   | 84.1143 |
| CV%  | 240.22  |

Aquakem v. 7.2AQ1

Results from time period:

Wed Apr 17 14:20:23 2019

Wed Apr 17 14:46:19 2019

AS

| Sample Id   | Sam/Ctr/c/ | Test short name | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|-----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN     | P         | -1.4165  | µg/l        | 4/17/2019 12:38:59   |      |
| 5.OPPBCN    | A          | Reactive CN     | P         | 4.0122   | µg/l        | 4/17/2019 12:39:00   |      |
| 10PPBCN     | A          | Reactive CN     | P         | 9.3458   | µg/l        | 4/17/2019 12:39:01   |      |
| 50PPBCN     | A          | Reactive CN     | P         | 51.3101  | µg/l        | 4/17/2019 12:39:02   |      |
| 100PPBCN    | A          | Reactive CN     | P         | 105.9141 | µg/l        | 4/17/2019 12:39:03   |      |
| 250PPBCN    | A          | Reactive CN     | P         | 244.2505 | µg/l        | 4/17/2019 12:39:04   |      |
| 500PPBCN    | A          | Reactive CN     | P         | 501.5839 | µg/l        | 4/17/2019 12:39:05   |      |
| ICV1        | S          | Reactive CN     | P         | 98.5526  | µg/l        | 4/17/2019 14:20:23   |      |
| ICB1        | S          | Reactive CN     | P         | -0.3015  | µg/l        | 4/17/2019 14:20:24   |      |
| CCV1        | S          | Reactive CN     | P         | 235.3295 | µg/l        | 4/17/2019 14:20:25   |      |
| CCB1        | S          | Reactive CN     | P         | -1.027   | µg/l        | 4/17/2019 14:20:26   |      |
| PB118982BL  | S          | Reactive CN     | P         | -1.1146  | µg/l        | 4/17/2019 14:20:27   |      |
| K2196-06    | S          | Reactive CN     | P         | 0.0347   | µg/l        | 4/17/2019 14:20:28   |      |
| K2196-06DUP | S          | Reactive CN     | P         | -0.7725  | µg/l        | 4/17/2019 14:20:29   |      |
| K2197-08    | S          | Reactive CN     | P         | -0.877   | µg/l        | 4/17/2019 14:20:31   |      |
| K2197-10    | S          | Reactive CN     | P         | -0.8755  | µg/l        | 4/17/2019 14:20:32   |      |
| K2197-12    | S          | Reactive CN     | P         | -0.8646  | µg/l        | 4/17/2019 14:20:33   |      |
| K2197-14    | S          | Reactive CN     | P         | -1.0671  | µg/l        | 4/17/2019 14:27:58   |      |
| K2198-04    | S          | Reactive CN     | P         | -0.967   | µg/l        | 4/17/2019 14:27:59   |      |
| K2434-03    | S          | Reactive CN     | P         | 0.9281   | µg/l        | 4/17/2019 14:28:00   |      |
| CCV2        | S          | Reactive CN     | P         | 235.3804 | µg/l        | 4/17/2019 14:28:01   |      |
| CCB2        | S          | Reactive CN     | P         | -1.1422  | µg/l        | 4/17/2019 14:28:02   |      |
| K2441-04    | S          | Reactive CN     | P         | -0.9394  | µg/l        | 4/17/2019 14:28:03   |      |
| K2442-04    | S          | Reactive CN     | P         | -1.0584  | µg/l        | 4/17/2019 14:28:04   |      |
| K2442-08    | S          | Reactive CN     | P         | -0.9697  | µg/l        | 4/17/2019 14:28:05   |      |
| K2442-12    | S          | Reactive CN     | P         | -1.0583  | µg/l        | 4/17/2019 14:28:06   |      |
| K2442-16    | S          | Reactive CN     | P         | -1.264   | µg/l        | 4/17/2019 14:28:07   |      |
| K2197-06    | S          | Reactive CN     | P         | -1.4735  | µg/l        | 4/17/2019 14:46:17   |      |
| CCV3        | S          | Reactive CN     | P         | 251.6731 | µg/l        | 4/17/2019 14:46:18   |      |
| CCB3        | S          | Reactive CN     | P         | -0.7802  | µg/l        | 4/17/2019 14:46:19   |      |

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Reviewed by : AS

4/17/2019 12:39

Instrument ID : Konelab

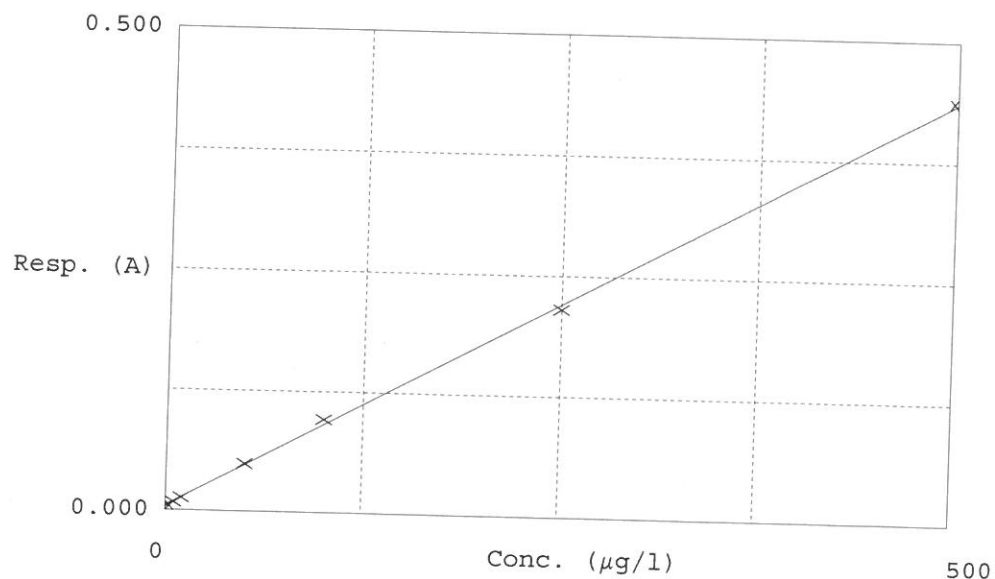
Test Total CN

Accepted 4/17/2019 12:39

Factor 1161  
Bias 0.005

Coeff. of det. 0.999632

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -1.4165    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.009    | 4.0122     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.3458     | 10.0000  |        |
| 4 | 50PPBCN    | 0.049    | 51.3101    | 50.0000  |        |
| 5 | 100PPBCN   | 0.096    | 105.9141   | 100.0000 |        |
| 6 | 250PPBCN   | 0.215    | 244.2505   | 250.0000 |        |
| 7 | 500PPBCN   | 0.437    | 501.5839   | 500.0000 |        |