

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

11/9/2018 13:44

Reactive
Test: Total CN *ug/L*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.858	0.0	0.097	
ICB1	-0.097	0.0	0.004	
CCV1	240.478	0.0	0.239	
CCB1	0.023	0.0	0.004	
PB114630BL	-0.147	0.0	0.004	
J5768-02	-0.147	0.0	0.004	
J5768-02DUP	-0.586	0.0	0.003	
J5768-04	-0.305	0.0	0.004	
J5838-10	-0.362	0.0	0.003	
J5838-20	-0.280	0.0	0.004	
J5858-04	-0.357	0.0	0.003	
J5858-08	-0.150	0.0	0.004	
J5858-12	-0.191	0.0	0.004	
J5859-03	0.077	0.0	0.004	
CCV2	243.523	0.0	0.242	
CCB2	-0.055	0.0	0.004	
J5859-06	-0.361	0.0	0.003	
J5844-02	-0.286	0.0	0.004	
J5844-02DUP	-0.051	0.0	0.004	
J5844-05	-0.043	0.0	0.004	
J5858-14	-0.163	0.0	0.004	
PB114679BL	-0.231	0.0	0.004	
J5269-10	-0.382	0.0	0.003	
J5269-10DUP	-0.053	0.0	0.004	
CCV3	244.543	0.0	0.243	
CCB3	-0.077	0.0	0.004	
J5269-14	-0.286	0.0	0.004	
J5269-18	-0.113	0.0	0.004	
J5269-22	-0.212	0.0	0.004	
J5863-03	-0.421	0.0	0.003	
J5876-02	-0.143	0.0	0.004	
J5884-04	-0.235	0.0	0.004	
J5884-08	-0.258	0.0	0.004	
J5884-12	-0.041	0.0	0.004	
J5884-16	0.293	0.0	0.004	
CCV4	242.811	0.0	0.241	
CCB4	-0.116	0.0	0.004	
J5887-04	-0.533	0.0	0.003	
J5887-08	-0.531	0.0	0.003	
J5887-12	-0.288	0.0	0.004	
J5887-16	-0.294	0.0	0.004	
PB114680BL	-0.266	0.0	0.004	
J5269-02	-0.409	0.0	0.003	
J5269-02DUP	-0.244	0.0	0.004	
J5861-03	-0.129	0.0	0.004	
J5884-18	-0.110	0.0	0.004	
CCV5	249.822	0.0	0.248	
CCB5	-0.342	0.0	0.003	
PB114631BL	-0.408	0.0	0.003	
J5877-01	-0.707	0.0	0.003	
J5879-02	-0.288	0.0	0.004	
CCV6	250.505	0.0	0.249	
CCB6	-0.339	0.0	0.003	

Test results

Aquakem 7.2AQ1

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

Sample Id Result Dil. 1 + Response $\hat{\sigma}^2_{\text{res}}$

N	53
Mean	29.357
SD	78.9818
CV%	269.04

Aquakem v. 7.2AQ1

AS

Results from time period:

Fri Nov 09 12:55:58 2018

Fri Nov 09 13:43:35 2018

Sample Id	Sam/Ctr/c/	Test short name	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Reactive CN	P	-0.4517	µg/l	11/9/2018 10:14:27	
5.0PPBCN	A	Reactive CN	P	4.5343	µg/l	11/9/2018 10:14:28	
10PPBCN	A	Reactive CN	P	9.8181	µg/l	11/9/2018 10:14:29	
50PPBCN	A	Reactive CN	P	50.3348	µg/l	11/9/2018 10:14:30	
100PPBCN	A	Reactive CN	P	100.3626	µg/l	11/9/2018 10:14:31	
250PPBCN	A	Reactive CN	P	250.9993	µg/l	11/9/2018 10:14:32	
500PPBCN	A	Reactive CN	P	499.4026	µg/l	11/9/2018 10:14:33	
ICV1	S	Reactive CN	P	94.8575	µg/l	11/9/2018 12:55:58	
ICB1	S	Reactive CN	P	-0.0971	µg/l	11/9/2018 12:55:59	
CCV1	S	Reactive CN	P	240.4783	µg/l	11/9/2018 12:56:00	
CCB1	S	Reactive CN	P	0.0225	µg/l	11/9/2018 12:56:01	
PB114630BL	S	Reactive CN	P	-0.1465	µg/l	11/9/2018 12:56:02	
J5768-02	S	Reactive CN	P	-0.1473	µg/l	11/9/2018 12:56:03	
J5768-02DUP	S	Reactive CN	P	-0.5864	µg/l	11/9/2018 12:56:04	
J5768-04	S	Reactive CN	P	-0.3052	µg/l	11/9/2018 12:56:05	
J5838-10	S	Reactive CN	P	-0.3622	µg/l	11/9/2018 12:56:06	
J5838-20	S	Reactive CN	P	-0.2804	µg/l	11/9/2018 12:56:07	
J5858-04	S	Reactive CN	P	-0.357	µg/l	11/9/2018 12:56:08	
J5858-08	S	Reactive CN	P	-0.1497	µg/l	11/9/2018 13:03:33	
J5858-12	S	Reactive CN	P	-0.1909	µg/l	11/9/2018 13:03:34	
J5859-03	S	Reactive CN	P	0.0769	µg/l	11/9/2018 13:03:35	
CCV2	S	Reactive CN	P	243.523	µg/l	11/9/2018 13:03:36	
CCB2	S	Reactive CN	P	-0.0548	µg/l	11/9/2018 13:03:37	
J5859-06	S	Reactive CN	P	-0.3612	µg/l	11/9/2018 13:03:38	
J5844-02	S	Reactive CN	P	-0.2861	µg/l	11/9/2018 13:03:40	
J5844-02DUP	S	Reactive CN	P	-0.0505	µg/l	11/9/2018 13:03:41	
J5844-05	S	Reactive CN	P	-0.0428	µg/l	11/9/2018 13:03:42	
J5858-14	S	Reactive CN	P	-0.1629	µg/l	11/9/2018 13:03:43	
PB114679BL	S	Reactive CN	P	-0.2312	µg/l	11/9/2018 13:11:08	
J5269-10	S	Reactive CN	P	-0.382	µg/l	11/9/2018 13:11:09	
J5269-10DUP	S	Reactive CN	P	-0.0527	µg/l	11/9/2018 13:11:10	
CCV3	S	Reactive CN	P	244.5434	µg/l	11/9/2018 13:11:11	
CCB3	S	Reactive CN	P	-0.0769	µg/l	11/9/2018 13:11:12	
J5269-14	S	Reactive CN	P	-0.2864	µg/l	11/9/2018 13:11:13	
J5269-18	S	Reactive CN	P	-0.1133	µg/l	11/9/2018 13:11:14	
J5269-22	S	Reactive CN	P	-0.2124	µg/l	11/9/2018 13:11:15	
J5863-03	S	Reactive CN	P	-0.4213	µg/l	11/9/2018 13:11:16	
J5876-02	S	Reactive CN	P	-0.143	µg/l	11/9/2018 13:11:17	
J5884-04	S	Reactive CN	P	-0.2351	µg/l	11/9/2018 13:18:40	
J5884-08	S	Reactive CN	P	-0.2578	µg/l	11/9/2018 13:18:41	
J5884-12	S	Reactive CN	P	-0.0415	µg/l	11/9/2018 13:18:42	
J5884-16	S	Reactive CN	P	0.2931	µg/l	11/9/2018 13:18:43	

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CCV4	S	Reactive CN	P	242.8109 µg/l	11/9/2018 13:18:44
CCB4	S	Reactive CN	P	-0.1164 µg/l	11/9/2018 13:18:45
J5887-04	S	Reactive CN	P	-0.5333 µg/l	11/9/2018 13:18:46
J5887-08	S	Reactive CN	P	-0.5306 µg/l	11/9/2018 13:18:47
J5887-12	S	Reactive CN	P	-0.2878 µg/l	11/9/2018 13:18:48
J5887-16	S	Reactive CN	P	-0.2939 µg/l	11/9/2018 13:18:49
PB114680BL	S	Reactive CN	P	-0.2659 µg/l	11/9/2018 13:18:50
J5269-02	S	Reactive CN	P	-0.4087 µg/l	11/9/2018 13:24:23
J5269-02DUP	S	Reactive CN	P	-0.2444 µg/l	11/9/2018 13:24:24
J5861-03	S	Reactive CN	P	-0.1286 µg/l	11/9/2018 13:24:25
J5884-18	S	Reactive CN	P	-0.1105 µg/l	11/9/2018 13:24:27
CCV5	S	Reactive CN	P	249.8224 µg/l	11/9/2018 13:24:28
CCB5	S	Reactive CN	P	-0.3422 µg/l	11/9/2018 13:24:29
PB114631BL	S	Reactive CN	P	-0.4076 µg/l	11/9/2018 13:43:31
J5877-01	S	Reactive CN	P	-0.7075 µg/l	11/9/2018 13:43:32
J5879-02	S	Reactive CN	P	-0.2876 µg/l	11/9/2018 13:43:33
CCV6	S	Reactive CN	P	250.5049 µg/l	11/9/2018 13:43:34
CCB6	S	Reactive CN	P	-0.3391 µg/l	11/9/2018 13:43:35

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11/9/2018 10:19

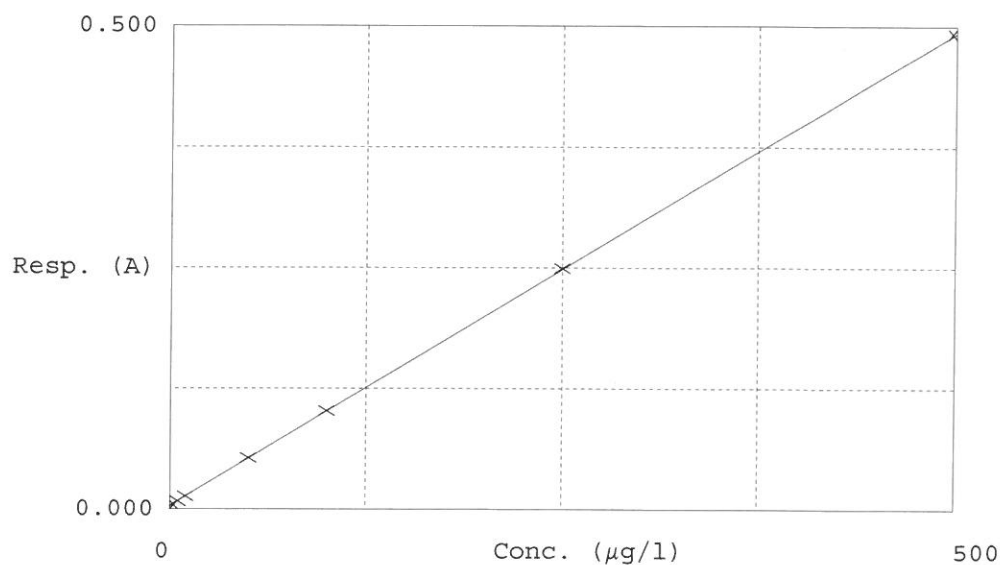
Test Total CN

Accepted 11/9/2018 10:19

Factor 1022
Bias 0.004

Coeff. of det. 0.999990

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.4517	0.0000	
2	5.0PPBCN	0.008	4.5343	5.0000	
3	10PPBCN	0.013	9.8181	10.0000	
4	50PPBCN	0.053	50.3348	50.0000	
5	100PPBCN	0.102	100.3626	100.0000	
6	250PPBCN	0.249	250.9993	250.0000	
7	500PPBCN	0.492	499.4026	500.0000	