

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

7/12/2018 15:29

Test: Total CN *mg/L*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.940	0.0	0.093	
ICB1	0.123	0.0	0.004	
CCV1	245.549	0.0	0.228	
CCB1	-0.342	0.0	0.004	
PB111030BL	-0.389	0.0	0.004	
PB111030BS	93.689	0.0	0.090	
LOWPB111030	9.959	0.0	0.013	
HIGHPB111030	490.211	0.0	0.452	
J3825-01	3.194	0.0	0.007	
J3825-01DUP	2.735	0.0	0.006	
J3825-01MS	35.121	0.0	0.036	
J3825-01MSD	34.487	0.0	0.035	
J3825-03	1.012	0.0	0.005	
J3825-05	0.778	0.0	0.005	
CCV2	244.636	0.0	0.227	
CCB2	-0.262	0.0	0.004	
J3825-07	0.967	0.0	0.005	
J3825-09	0.667	0.0	0.005	
J3947-01	0.094	0.0	0.004	
J3947-03	4.695	0.0	0.008	
J3947-05	2.457	0.0	0.006	
J3947-07	2.615	0.0	0.006	
PB111053BL	-0.055	0.0	0.004	
PB111053BS	96.950	0.0	0.093	
J3948-01	293.502	0.0	0.272	
J3948-01DUP	292.625	0.0	0.271	
CCV3	244.645	0.0	0.227	
CCB3	0.603	0.0	0.005	
J3948-01MS	439.801	0.0	0.406	
J3948-01MSD	435.890	0.0	0.402	
J3948-03	112.098	0.0	0.106	
J3948-05	248.593	0.0	0.231	
PB111052BL	-0.013	0.0	0.004	
PB111052BS	98.469	0.0	0.094	
J3934-01	1.003	0.0	0.005	
J3934-01DUP	1.012	0.0	0.005	
J3934-01MS	36.204	0.0	0.037	
J3934-01MSD	36.804	0.0	0.038	
CCV4	246.260	0.0	0.229	
CCB4	-0.092	0.0	0.004	
J3941-01	0.492	0.0	0.004	
J3947-27	3.202	0.0	0.007	
CCV5	245.288	0.0	0.228	
CCB5	-0.070	0.0	0.004	
J3948-01A	345.497	0.0	0.320	
CCV6	262.183	0.0	0.244	
CCB6	-0.334	0.0	0.004	

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Test results

Aquakem 7.2AQ1

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Test: Total CN

Sample Id Result Dil. 1 + Response $\hat{\sigma}$,,

N	47
Mean	100.202
SD	142.1425
CV%	141.86

Aquakem v. 7.2AQ1

Results from time period:

Thu Jul 12 14:09:49 2018

Thu Jul 12 15:27:51 2018

AS

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.9131	µg/l	7/12/2018 10:22:44	
5.OPPBCN	A	Total CN	P	4.023	µg/l	7/12/2018 10:22:45	
10PPBCN	A	Total CN	P	9.5014	µg/l	7/12/2018 10:22:46	
50PPBCN	A	Total CN	P	49.9421	µg/l	7/12/2018 10:22:47	
100PPBCN	A	Total CN	P	100.6942	µg/l	7/12/2018 10:22:48	
250PPBCN	A	Total CN	P	253.7313	µg/l	7/12/2018 10:22:49	
500PPBCN	A	Total CN	P	498.021	µg/l	7/12/2018 10:22:50	
ICV1	S	Total CN	P	96.9396	µg/l	7/12/2018 14:09:49	
ICB1	S	Total CN	P	0.1229	µg/l	7/12/2018 14:09:50	
CCV1	S	Total CN	P	245.5486	µg/l	7/12/2018 14:09:51	
CCB1	S	Total CN	P	-0.3422	µg/l	7/12/2018 14:09:52	
PB111030BL	S	Total CN	P	-0.3889	µg/l	7/12/2018 14:09:53	
PB111030BS	S	Total CN	P	93.6889	µg/l	7/12/2018 14:09:54	
LOWPB111030	S	Total CN	P	9.9589	µg/l	7/12/2018 14:09:55	
HIGHPB111030	S	Total CN	P	490.2111	µg/l	7/12/2018 14:09:56	
J3825-01	S	Total CN	P	3.1944	µg/l	7/12/2018 14:09:57	
J3825-01DUP	S	Total CN	P	2.7352	µg/l	7/12/2018 14:09:58	
J3825-01MS	S	Total CN	P	35.1206	µg/l	7/12/2018 14:09:59	
J3825-01MSD	S	Total CN	P	34.4868	µg/l	7/12/2018 14:17:24	
J3825-03	S	Total CN	P	1.0125	µg/l	7/12/2018 14:17:25	
J3825-05	S	Total CN	P	0.7781	µg/l	7/12/2018 14:17:26	
CCV2	S	Total CN	P	244.6357	µg/l	7/12/2018 14:17:27	
CCB2	S	Total CN	P	-0.2621	µg/l	7/12/2018 14:17:28	
J3825-07	S	Total CN	P	0.9671	µg/l	7/12/2018 14:17:29	
J3825-09	S	Total CN	P	0.6673	µg/l	7/12/2018 14:17:30	
J3947-01	S	Total CN	P	0.0936	µg/l	7/12/2018 14:17:31	
J3947-03	S	Total CN	P	4.6949	µg/l	7/12/2018 14:17:32	
J3947-05	S	Total CN	P	2.4575	µg/l	7/12/2018 14:17:33	
J3947-07	S	Total CN	P	2.6149	µg/l	7/12/2018 14:17:34	
PB111053BL	S	Total CN	P	-0.0551	µg/l	7/12/2018 14:24:57	
PB111053BS	S	Total CN	P	96.9499	µg/l	7/12/2018 14:24:58	
J3948-01	S	Total CN	P	293.5015	µg/l	7/12/2018 14:25:00	
J3948-01DUP	S	Total CN	P	292.6248	µg/l	7/12/2018 14:25:01	
CCV3	S	Total CN	P	244.6454	µg/l	7/12/2018 14:25:02	
CCB3	S	Total CN	P	0.6033	µg/l	7/12/2018 14:25:03	
J3948-01MS	S	Total CN	P	439.8013	µg/l	7/12/2018 14:25:04	
J3948-01MSD	S	Total CN	P	435.8905	µg/l	7/12/2018 14:25:05	
J3948-03	S	Total CN	P	112.0979	µg/l	7/12/2018 14:25:06	
J3948-05	S	Total CN	P	248.5934	µg/l	7/12/2018 14:25:07	
PB111052BL	S	Total CN	P	-0.0131	µg/l	7/12/2018 14:32:32	
PB111052BS	S	Total CN	P	98.4693	µg/l	7/12/2018 14:32:33	
J3934-01	S	Total CN	P	1.0025	µg/l	7/12/2018 14:32:34	

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J3934-01DUP	S	Total CN	P	1.0118 µg/l	7/12/2018 14:32:35
J3934-01MS	S	Total CN	P	36.2035 µg/l	7/12/2018 14:32:36
J3934-01MSD	S	Total CN	P	36.8041 µg/l	7/12/2018 14:32:37
CCV4	S	Total CN	P	246.2604 µg/l	7/12/2018 14:32:38
CCB4	S	Total CN	P	-0.0921 µg/l	7/12/2018 14:32:39
J3941-01	S	Total CN	P	0.4923 µg/l	7/12/2018 14:32:40
J3947-27	S	Total CN	P	3.2015 µg/l	7/12/2018 14:32:41
CCV5	S	Total CN	P	245.2881 µg/l	7/12/2018 14:32:42
CCB5	S	Total CN	P	-0.0696 µg/l	7/12/2018 14:36:22
J3948-01A	S	Total CN	P	345.4966 µg/l	7/12/2018 15:27:49
CCV6	S	Total CN	P	262.183 µg/l	7/12/2018 15:27:50
CCB6	S	Total CN	P	-0.3343 µg/l	7/12/2018 15:27:51

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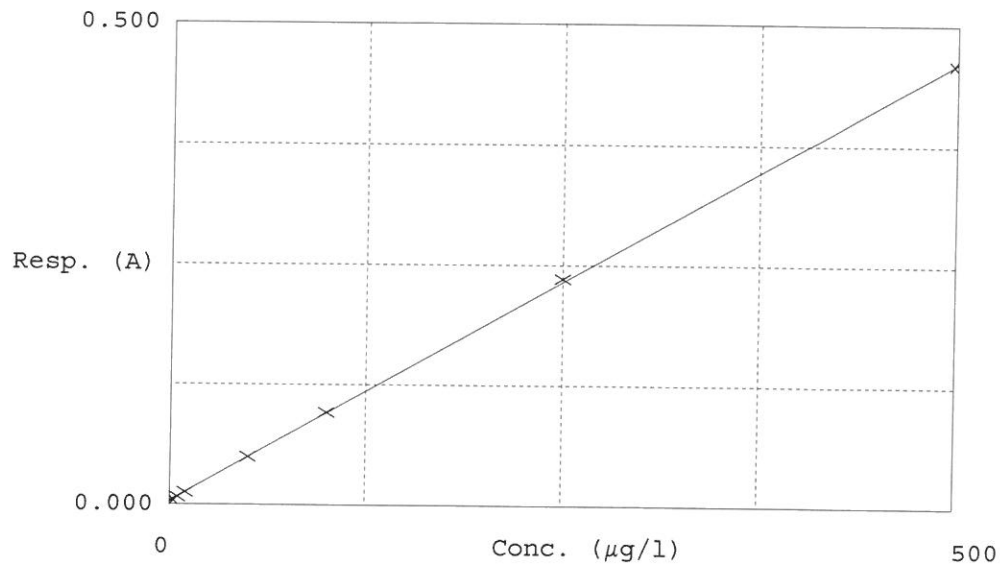
Test Total CN

Accepted 7/12/2018 10:27

Factor 1095
Bias 0.004

Coeff. of det. 0.999901

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.9131	0.0000	
2	5.0PPBCN	0.008	4.0230	5.0000	
3	10PPBCN	0.013	9.5014	10.0000	
4	50PPBCN	0.050	49.9421	50.0000	
5	100PPBCN	0.096	100.6942	100.0000	
6	250PPBCN	0.236	253.7313	250.0000	
7	500PPBCN	0.459	498.0210	500.0000	