

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

11/13/2017 16:56

Test: Total CN Ng/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	98.116	0.0	0.102	
ICB1	-2.064	0.0	0.004	
CCV1	241.927	0.0	0.244	
CCB1	-1.870	0.0	0.004	
PB104214BL	-2.219	0.0	0.003	
PB104214BS	97.896	0.0	0.102	
I6441-03	-0.696	0.0	0.005	
I6441-03DUP	-0.970	0.0	0.005	
I6441-03MS	1.321	0.0	0.007	
I6441-03MSD	1.265	0.0	0.007	
I6441-07	-1.272	0.0	0.004	
I6441-12	-1.929	0.0	0.004	
CCV2	240.795	0.0	0.242	
CCB2	-2.017	0.0	0.004	
I6441-18	-1.023	0.0	0.005	
I6441-23	-1.351	0.0	0.004	
I6441-29	-1.228	0.0	0.004	
PB104213BL	-2.161	0.0	0.003	
PB104213BS	96.699	0.0	0.101	
I6436-03	1.585	0.0	0.007	
I6441-31	0.933	0.0	0.007	
I6441-31DUP	0.910	0.0	0.006	
I6441-31MS	31.438	0.0	0.037	
I6441-31MSD	31.011	0.0	0.036	
CCV3	242.613	0.0	0.244	
CCB3	-1.429	0.0	0.004	
I6443-01	7.958	0.0	0.013	
PB104212BL	-2.011	0.0	0.004	
PB104212BS	98.054	0.0	0.102	
I6300-03	-0.953	0.0	0.005	
I6300-03DUP	-0.994	0.0	0.005	
I6300-03MS	38.327	0.0	0.043	
I6300-03MSD	38.736	0.0	0.044	
I6307-01	-1.444	0.0	0.004	
I6307-03	-0.766	0.0	0.005	
I6307-05	-1.659	0.0	0.004	
CCV4	242.124	0.0	0.244	
CCB4	-1.624	0.0	0.004	
I6423-02	-1.743	0.0	0.004	
I6427-01	-1.319	0.0	0.004	
I6436-01	-0.663	0.0	0.005	
CCV5	250.241	0.0	0.252	
CCB5	-1.947	0.0	0.004	

N 43
Mean 40.153
SD 80.2543
CV% 199.87

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11/13/2017 17:18

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
LOWPB104214	8.259	0.0	0.014	
HIGHPB104214	505.861	0.0	0.503	Test limit high
CCV6	254.955	0.0	0.256	
CCB6	-2.109	0.0	0.004	

N	4
Mean	191.742
SD	240.7704
CV%	125.57

AS

Aquakem v. 7.2AQ1

Results from time period:

Mon Nov 13 16:26:46 2017

Mon Nov 13 17:17:59 2017

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-1.9459	µg/l	11/13/2017 10:31:20	
5.OPPBCN	A	Total CN	P	3.1535	µg/l	11/13/2017 10:31:21	
10PPBCN	A	Total CN	P	8.2086	µg/l	11/13/2017 10:31:22	
50PPBCN	A	Total CN	P	49.4777	µg/l	11/13/2017 10:31:23	
100PPBCN	A	Total CN	P	105.8647	µg/l	11/13/2017 10:31:24	
250PPBCN	A	Total CN	P	252.6158	µg/l	11/13/2017 10:31:25	
500PPBCN	A	Total CN	P	497.6256	µg/l	11/13/2017 10:31:26	
ICV1	S	Total CN	P	98.1155	µg/l	11/13/2017 16:26:47	
ICB1	S	Total CN	P	-2.0645	µg/l	11/13/2017 16:26:49	
CCV1	S	Total CN	P	241.9274	µg/l	11/13/2017 16:26:51	
CCB1	S	Total CN	P	-1.8701	µg/l	11/13/2017 16:26:52	
PB104214BL	S	Total CN	P	-2.2193	µg/l	11/13/2017 16:26:54	
PB104214BS	S	Total CN	P	97.8962	µg/l	11/13/2017 16:26:55	
I6441-03	S	Total CN	P	-0.6958	µg/l	11/13/2017 16:26:56	
I6441-03DUP	S	Total CN	P	-0.9701	µg/l	11/13/2017 16:34:21	
I6441-03MS	S	Total CN	P	1.3207	µg/l	11/13/2017 16:34:22	
I6441-03MSD	S	Total CN	P	1.2651	µg/l	11/13/2017 16:34:23	
I6441-07	S	Total CN	P	-1.272	µg/l	11/13/2017 16:34:24	
I6441-12	S	Total CN	P	-1.9295	µg/l	11/13/2017 16:34:25	
CCV2	S	Total CN	P	240.7946	µg/l	11/13/2017 16:34:26	
CCB2	S	Total CN	P	-2.0175	µg/l	11/13/2017 16:34:27	
I6441-18	S	Total CN	P	-1.0234	µg/l	11/13/2017 16:34:28	
I6441-23	S	Total CN	P	-1.3508	µg/l	11/13/2017 16:34:29	
I6441-29	S	Total CN	P	-1.2284	µg/l	11/13/2017 16:34:30	
PB104213BL	S	Total CN	P	-2.1615	µg/l	11/13/2017 16:34:31	
PB104213BS	S	Total CN	P	96.6991	µg/l	11/13/2017 16:41:56	
I6436-03	S	Total CN	P	1.5848	µg/l	11/13/2017 16:41:57	
I6441-31	S	Total CN	P	0.9327	µg/l	11/13/2017 16:41:58	
I6441-31DUP	S	Total CN	P	0.9102	µg/l	11/13/2017 16:41:59	
I6441-31MS	S	Total CN	P	31.4381	µg/l	11/13/2017 16:42:00	
I6441-31MSD	S	Total CN	P	31.0105	µg/l	11/13/2017 16:42:01	
CCV3	S	Total CN	P	242.6128	µg/l	11/13/2017 16:42:02	
CCB3	S	Total CN	P	-1.4291	µg/l	11/13/2017 16:42:03	
I6443-01	S	Total CN	P	7.9578	µg/l	11/13/2017 16:42:04	
PB104212BL	S	Total CN	P	-2.0106	µg/l	11/13/2017 16:42:05	
PB104212BS	S	Total CN	P	98.0545	µg/l	11/13/2017 16:42:06	
I6300-03	S	Total CN	P	-0.9534	µg/l	11/13/2017 16:49:28	
I6300-03DUP	S	Total CN	P	-0.9939	µg/l	11/13/2017 16:49:29	
I6300-03MS	S	Total CN	P	38.3273	µg/l	11/13/2017 16:49:30	
I6300-03MSD	S	Total CN	P	38.7363	µg/l	11/13/2017 16:49:31	
I6307-01	S	Total CN	P	-1.4441	µg/l	11/13/2017 16:49:32	
I6307-03	S	Total CN	P	-0.7662	µg/l	11/13/2017 16:49:33	

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I6307-05	S	Total CN	P	-1.6588 µg/l	11/13/2017 16:49:34
CCV4	S	Total CN	P	242.1242 µg/l	11/13/2017 16:49:35
CCB4	S	Total CN	P	-1.6243 µg/l	11/13/2017 16:49:36
I6423-02	S	Total CN	P	-1.7435 µg/l	11/13/2017 16:49:37
I6427-01	S	Total CN	P	-1.3193 µg/l	11/13/2017 16:49:38
I6436-01	S	Total CN	P	-0.6628 µg/l	11/13/2017 16:54:15
CCV5	S	Total CN	P	250.2409 µg/l	11/13/2017 16:54:16
CCB5	S	Total CN	P	-1.9471 µg/l	11/13/2017 16:54:17
LOWPB104214	S	Total CN	P	8.2592 µg/l	11/13/2017 17:17:56
HIGHPB104214	S	Total CN	P	505.8614 µg/l	11/13/2017 17:17:57
CCV6	S	Total CN	P	254.9553 µg/l	11/13/2017 17:17:58
CCB6	S	Total CN	P	-2.1092 µg/l	11/13/2017 17:17:59

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11/13/2017 13:29

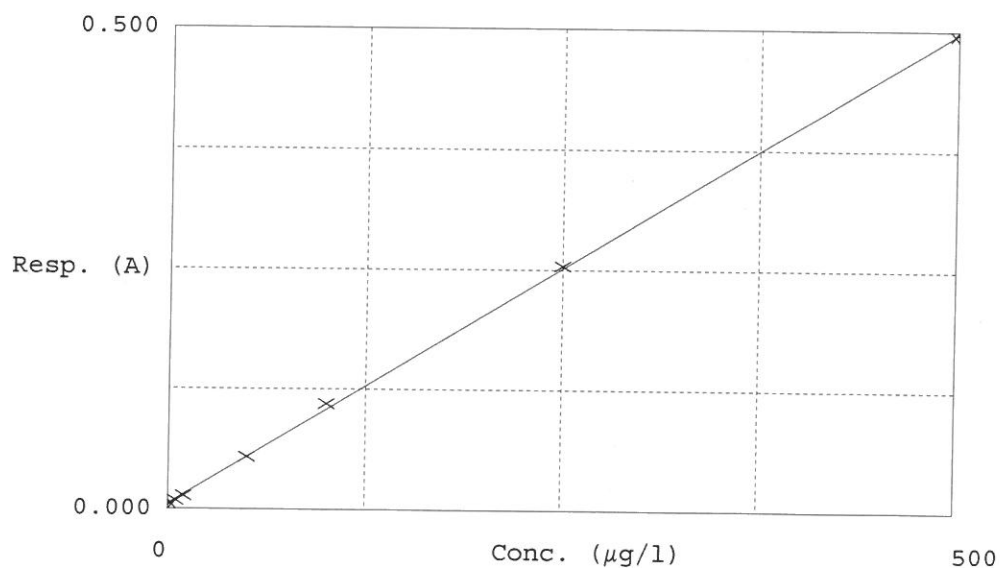
Test Total CN

Accepted 11/13/2017 10:38

Factor 1017
Bias 0.006

Coeff. of det. 0.999720

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-1.9459	0.0000	
2	5.0PPBCN	0.009	3.1535	5.0000	
3	10PPBCN	0.014	8.2086	10.0000	
4	50PPBCN	0.054	49.4777	50.0000	
5	100PPBCN	0.110	105.8647	100.0000	
6	250PPBCN	0.254	252.6158	250.0000	
7	500PPBCN	0.495	497.6256	500.0000	