

LB91184

Test results

Aquakem 7.2AQ1

Page: 1

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

10/28/2017 13:01

Test: Total CN

11/9/17

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.555	0.0	0.107	
ICB1	0.122	0.0	0.004	
CCV1	246.600	0.0	0.268	
CCB1	0.076	0.0	0.003	
PB103740BL	-0.310	0.0	0.003	
PB103740BS	95.584	0.0	0.106	
LOWPB103740	9.115	0.0	0.013	
HIGHPB103740	480.563	0.0	0.518	
I6151-01	4.650	0.0	0.008	
I6151-01DUP	4.488	0.0	0.008	
I6151-01MS	34.203	0.0	0.040	
I6151-01MSD	34.334	0.0	0.040	
I6151-02	2.045	0.0	0.006	
I6151-03	3.749	0.0	0.007	
CCV2	244.703	0.0	0.266	
CCB2	0.014	0.0	0.003	
I6160-01	0.256	0.0	0.004	
I6160-02	-0.037	0.0	0.003	
I6160-03	1.077	0.0	0.005	
I6160-04	0.290	0.0	0.004	
I6160-05	0.218	0.0	0.004	
I6160-06	0.063	0.0	0.003	
I6166-04	1.325	0.0	0.005	
I6176-01	0.437	0.0	0.004	
I6176-02	4.770	0.0	0.009	
PB103756BL	-0.080	0.0	0.003	
CCV3	246.160	0.0	0.267	
CCB3	0.063	0.0	0.003	
PB103756BS	96.785	0.0	0.107	
LOWPB103756	9.195	0.0	0.013	
HIGHPB103756	481.709	0.0	0.519	
I6182-01	2.111	0.0	0.006	
I6182-01DUP	1.752	0.0	0.005	
I6182-01MS	33.446	0.0	0.039	
I6182-01MSD	33.230	0.0	0.039	
I6194-01	0.197	0.0	0.004	
I6196-01	0.309	0.0	0.004	
I6200-01	0.892	0.0	0.004	
CCV4	246.949	0.0	0.268	
CCB4	-0.116	0.0	0.003	
I6206-01	1.302	0.0	0.005	
I6206-03	0.233	0.0	0.004	
I6206-05	0.725	0.0	0.004	
I6209-01	0.413	0.0	0.004	
I6209-03	0.272	0.0	0.004	
I6210-01	0.326	0.0	0.004	
I6213-01	-0.349	0.0	0.003	
CCV5	262.558	0.0	0.285	
CCB5	-0.134	0.0	0.003	

UB91184

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Page: 2

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284 Sheffield Street,
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10/28/2017 13:01

Test: Total CN

12912

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

N	49
Mean	54.752
SD	117.2572
CV%	214.16

LB 91184

Aquakem v. 7.2AQ1

Results from time period:

Sat Oct 28 11:42:11 2017

Sat Oct 28 12:59:29 2017

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.3887	µg/l	10/28/2017 11:42:11	
5.OPPBCN	A	Total CN	P	4.2675	µg/l	10/28/2017 11:42:12	
10PPBCN	A	Total CN	P	9.135	µg/l	10/28/2017 11:42:13	
50PPBCN	A	Total CN	P	49.5432	µg/l	10/28/2017 11:42:14	
100PPBCN	A	Total CN	P	99.9425	µg/l	10/28/2017 11:42:15	
250PPBCN	A	Total CN	P	254.8374	µg/l	10/28/2017 11:42:16	
500PPBCN	A	Total CN	P	497.6631	µg/l	10/28/2017 11:42:17	
ICV1	S	Total CN	P	96.5551	µg/l	10/28/2017 12:24:51	
ICB1	S	Total CN	P	0.1224	µg/l	10/28/2017 12:24:52	
CCV1	S	Total CN	P	246.6	µg/l	10/28/2017 12:24:55	
CCB1	S	Total CN	P	0.0756	µg/l	10/28/2017 12:24:56	
PB103740BL	S	Total CN	P	-0.3097	µg/l	10/28/2017 12:24:59	
PB103740BS	S	Total CN	P	95.5836	µg/l	10/28/2017 12:25:00	
LOWPB103740	S	Total CN	P	9.1153	µg/l	10/28/2017 12:32:27	
HIGHPB103740	S	Total CN	P	480.5633	µg/l	10/28/2017 12:32:29	
I6151-01	S	Total CN	P	4.6499	µg/l	10/28/2017 12:32:31	
I6151-01DUP	S	Total CN	P	4.4877	µg/l	10/28/2017 12:32:33	
I6151-01MS	S	Total CN	P	34.2028	µg/l	10/28/2017 12:32:34	
I6151-01MSD	S	Total CN	P	34.3339	µg/l	10/28/2017 12:32:35	
I6151-02	S	Total CN	P	2.0454	µg/l	10/28/2017 12:40:00	
I6151-03	S	Total CN	P	3.749	µg/l	10/28/2017 12:40:01	
CCV2	S	Total CN	P	244.7031	µg/l	10/28/2017 12:40:02	
CCB2	S	Total CN	P	0.0143	µg/l	10/28/2017 12:40:03	
I6160-01	S	Total CN	P	0.2562	µg/l	10/28/2017 12:40:04	
I6160-02	S	Total CN	P	-0.0371	µg/l	10/28/2017 12:40:05	
I6160-03	S	Total CN	P	1.0774	µg/l	10/28/2017 12:40:06	
I6160-04	S	Total CN	P	0.2902	µg/l	10/28/2017 12:40:07	
I6160-05	S	Total CN	P	0.2182	µg/l	10/28/2017 12:40:08	
I6160-06	S	Total CN	P	0.0633	µg/l	10/28/2017 12:40:09	
I6166-04	S	Total CN	P	1.3249	µg/l	10/28/2017 12:40:10	
I6176-01	S	Total CN	P	0.437	µg/l	10/28/2017 12:47:34	
I6176-02	S	Total CN	P	4.7696	µg/l	10/28/2017 12:47:35	
PB103756BL	S	Total CN	P	-0.0803	µg/l	10/28/2017 12:47:36	
CCV3	S	Total CN	P	246.1602	µg/l	10/28/2017 12:47:37	
CCB3	S	Total CN	P	0.0628	µg/l	10/28/2017 12:47:38	
PB103756BS	S	Total CN	P	96.7854	µg/l	10/28/2017 12:47:39	
LOWPB103756	S	Total CN	P	9.1954	µg/l	10/28/2017 12:47:40	
HIGHPB103756	S	Total CN	P	481.7091	µg/l	10/28/2017 12:47:41	
I6182-01	S	Total CN	P	2.1113	µg/l	10/28/2017 12:47:42	
I6182-01DUP	S	Total CN	P	1.7516	µg/l	10/28/2017 12:47:43	
I6182-01MS	S	Total CN	P	33.4458	µg/l	10/28/2017 12:47:44	
I6182-01MSD	S	Total CN	P	33.2296	µg/l	10/28/2017 12:55:07	

LB91184

I6194-01	S	Total CN	P	0.1968 µg/l	10/28/2017 12:55:08
I6196-01	S	Total CN	P	0.3094 µg/l	10/28/2017 12:55:09
I6200-01	S	Total CN	P	0.8922 µg/l	10/28/2017 12:55:10
CCV4	S	Total CN	P	246.9492 µg/l	10/28/2017 12:55:11
CCB4	S	Total CN	P	-0.1159 µg/l	10/28/2017 12:55:12
I6206-01	S	Total CN	P	1.3024 µg/l	10/28/2017 12:55:13
I6206-03	S	Total CN	P	0.2325 µg/l	10/28/2017 12:55:14
I6206-05	S	Total CN	P	0.725 µg/l	10/28/2017 12:55:15
I6209-01	S	Total CN	P	0.4128 µg/l	10/28/2017 12:55:16
I6209-03	S	Total CN	P	0.272 µg/l	10/28/2017 12:55:17
I6210-01	S	Total CN	P	0.326 µg/l	10/28/2017 12:59:26
I6213-01	S	Total CN	P	-0.3489 µg/l	10/28/2017 12:59:27
CCV5	S	Total CN	P	262.558 µg/l	10/28/2017 12:59:28
CCB5	S	Total CN	P	-0.134 µg/l	10/28/2017 12:59:29

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Calibration results

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LB91184
Page: 1

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10/28/2017 11:42

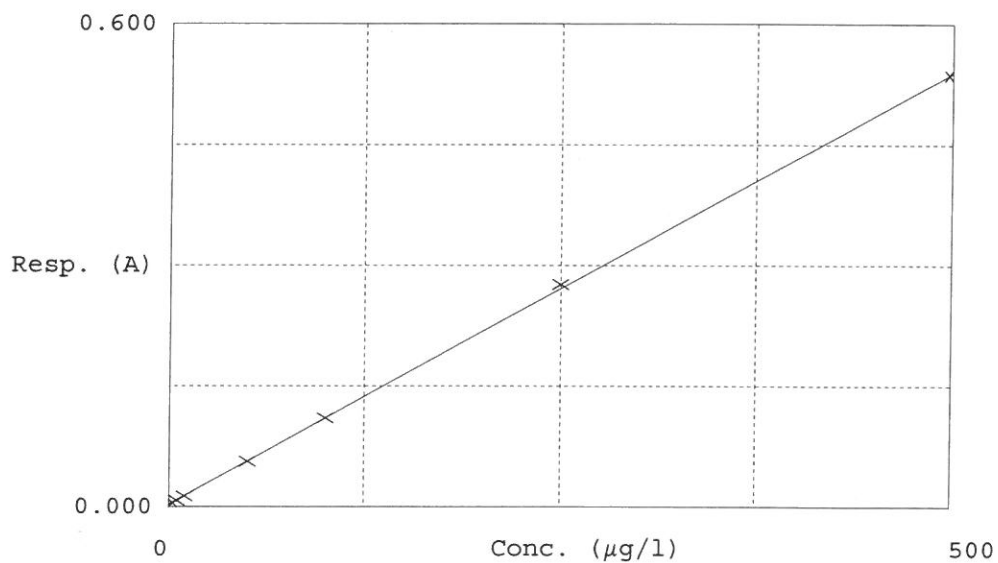
Test Total CN

Accepted 10/28/2017 11:42

Factor 933.5
Bias 0.003

Coeff. of det. 0.999852

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.3887	0.0000	
2	5.0PPBCN	0.008	4.2675	5.0000	
3	10PPBCN	0.013	9.1350	10.0000	
4	50PPBCN	0.056	49.5432	50.0000	
5	100PPBCN	0.110	99.9425	100.0000	
6	250PPBCN	0.276	254.8374	250.0000	
7	500PPBCN	0.537	497.6631	500.0000	