

088351

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

284 Sheffield Street,
Mountainside, NJ 07092

Reviewed by : AK

6/26/2017 11:53

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.093	0.0	0.088	
ICB1	0.271	0.0	0.005	
CCV1	246.723	0.0	0.222	
CCB1	0.064	0.0	0.005	
PB100086BL	0.094	0.0	0.005	
PB100086BS	97.148	0.0	0.090	
I3868-01	-0.807	0.0	0.004	
I3868-01DUP	-0.510	0.0	0.004	
I3868-01MS	39.050	0.0	0.039	
I3868-01MSD	37.101	0.0	0.037	
I3868-04	-0.928	0.0	0.004	
I3868-07	-0.924	0.0	0.004	
I3868-10	-0.364	0.0	0.004	
I3868-13	3.016	0.0	0.007	
CCV2	248.100	0.0	0.224	
CCB2	-0.199	0.0	0.004	
I3872-01	-0.528	0.0	0.004	
I3872-04	-1.082	0.0	0.004	
I3872-07	-0.726	0.0	0.004	
PB100087BL	-0.597	0.0	0.004	
PB100087BS	93.457	0.0	0.087	
I3867-01	-0.915	0.0	0.004	
I3867-01DUP	-0.212	0.0	0.004	
I3867-01MS	32.133	0.0	0.033	
I3867-01MSD	32.058	0.0	0.033	
PB100096BL	0.314	0.0	0.005	
CCV3	249.638	0.0	0.225	
CCB3	-0.113	0.0	0.004	
PB100096BS	100.123	0.0	0.093	
I3851-01	-0.545	0.0	0.004	
I3851-01DUP	-0.763	0.0	0.004	
I3851-01MS	37.408	0.0	0.038	
I3851-01MSD	40.137	0.0	0.040	
I3851-02	-0.352	0.0	0.004	
I3851-03	-0.572	0.0	0.004	
I3851-04	6.054	0.0	0.010	
I3851-06	-0.040	0.0	0.004	
CCV4	246.988	0.0	0.223	
CCB4	0.049	0.0	0.005	
I3851-07	-0.863	0.0	0.004	
I3851-08	2.334	0.0	0.007	
I3851-09	-0.277	0.0	0.004	
I3851-10	0.210	0.0	0.005	
I3851-11	-0.827	0.0	0.004	
I3851-12	-0.717	0.0	0.004	
PB100134BL	0.247	0.0	0.005	
PB100134BS	98.526	0.0	0.091	
I3852-01	0.204	0.0	0.005	
I3852-01DUP	0.403	0.0	0.005	
CCV5	249.068	0.0	0.224	
CCB5	0.035	0.0	0.004	
I3852-01MS	37.180	0.0	0.037	
I3852-01MSD	35.960	0.0	0.036	
I3852-02	-0.669	0.0	0.004	
I3852-03	-0.959	0.0	0.004	

=====

Aquakem 7.2AQ1

Page: 2

CHEMTECH

284 Sheffield Street,
Mountainside, NJ 07092Reviewed by : AK6/26/2017 11:53

Test: Total CN

ugil

Sample Id	Result	Dil. 1 +	Response	Errors
I3852-04	0.570	0.0	0.005	
I3852-05	-0.772	0.0	0.004	
I3852-06	-0.838	0.0	0.004	
I3852-07	-0.514	0.0	0.004	
I3852-08	2.366	0.0	0.007	
I3852-09	-0.489	0.0	0.004	
CCV6	251.694	0.0	0.227	
CCB6	-0.258	0.0	0.004	
I3852-10	1.389	0.0	0.006	
I3852-11	1.680	0.0	0.006	
I3852-12	6.037	0.0	0.010	
I3852-13	-0.540	0.0	0.004	
I3852-14	-0.156	0.0	0.004	
I3852-15	-0.536	0.0	0.004	
I3852-16	3.061	0.0	0.007	
I3852-17	-0.294	0.0	0.004	
I3852-18	-0.596	0.0	0.004	
LOWPB100134	8.927	0.0	0.012	
CCV7	250.558	0.0	0.226	
CCB7	0.143	0.0	0.005	
HIGHPB100134	481.738	0.0	0.430	
LOWPB100086	10.114	0.0	0.013	
HIGHPB100086	486.388	0.0	0.434	
I3851-05	0.116	0.0	0.005	
CCV8	261.017	0.0	0.235	
CCB8	0.215	0.0	0.005	

N	81
Mean	46.614
SD	103.2342
CV%	221.47

6388351

Aquakem v. 7.2AQ1

Results from time period:

Mon Jun 26 08:54:40 2017

Mon Jun 26 11:39:56 2017

AK

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.7785	µg/l	6/26/2017 9:12:10	
5.0PPBCN	A	Total CN	P	3.8485	µg/l	6/26/2017 9:12:11	
10PPBCN	A	Total CN	P	8.2971	µg/l	6/26/2017 9:12:12	
50PPBCN	A	Total CN	P	48.4514	µg/l	6/26/2017 9:12:13	
100PPBCN	A	Total CN	P	99.7297	µg/l	6/26/2017 9:12:14	
250PPBCN	A	Total CN	P	260.3945	µg/l	6/26/2017 9:12:15	
500PPBCN	A	Total CN	P	495.0573	µg/l	6/26/2017 9:12:16	
ICV1	S	Total CN	P	95.0931	µg/l	6/26/2017 10:09:32	
ICB1	S	Total CN	P	0.2707	µg/l	6/26/2017 10:09:33	
CCV1	S	Total CN	P	246.7232	µg/l	6/26/2017 10:09:35	
CCB1	S	Total CN	P	0.0636	µg/l	6/26/2017 10:09:36	
PB100086BL	S	Total CN	P	0.0942	µg/l	6/26/2017 10:09:37	
PB100086BS	S	Total CN	P	97.1479	µg/l	6/26/2017 10:09:38	
I3868-01	S	Total CN	P	-0.8072	µg/l	6/26/2017 10:09:39	
I3868-01DUP	S	Total CN	P	-0.5096	µg/l	6/26/2017 10:09:40	
I3868-01MS	S	Total CN	P	39.0504	µg/l	6/26/2017 10:09:41	
I3868-01MSD	S	Total CN	P	37.1007	µg/l	6/26/2017 10:17:06	
I3868-04	S	Total CN	P	-0.9285	µg/l	6/26/2017 10:17:07	
I3868-07	S	Total CN	P	-0.9239	µg/l	6/26/2017 10:17:08	
I3868-10	S	Total CN	P	-0.3638	µg/l	6/26/2017 10:17:09	
I3868-13	S	Total CN	P	3.016	µg/l	6/26/2017 10:17:10	
CCV2	S	Total CN	P	248.1001	µg/l	6/26/2017 10:17:11	
CCB2	S	Total CN	P	-0.1986	µg/l	6/26/2017 10:17:12	
I3872-01	S	Total CN	P	-0.5283	µg/l	6/26/2017 10:17:13	
I3872-04	S	Total CN	P	-1.0824	µg/l	6/26/2017 10:17:14	
I3872-07	S	Total CN	P	-0.7259	µg/l	6/26/2017 10:17:15	
PB100087BL	S	Total CN	P	-0.5967	µg/l	6/26/2017 10:17:16	
PB100087BS	S	Total CN	P	93.4569	µg/l	6/26/2017 10:24:41	
I3867-01	S	Total CN	P	-0.9154	µg/l	6/26/2017 10:24:42	
I3867-01DUP	S	Total CN	P	-0.2119	µg/l	6/26/2017 10:24:43	
I3867-01MS	S	Total CN	P	32.133	µg/l	6/26/2017 10:24:44	
I3867-01MSD	S	Total CN	P	32.0578	µg/l	6/26/2017 10:24:45	
PB100096BL	S	Total CN	P	0.3138	µg/l	6/26/2017 10:24:46	
CCV3	S	Total CN	P	249.6376	µg/l	6/26/2017 10:24:47	
CCB3	S	Total CN	P	-0.113	µg/l	6/26/2017 10:24:48	
PB100096BS	S	Total CN	P	100.1231	µg/l	6/26/2017 10:24:49	
I3851-01	S	Total CN	P	-0.5446	µg/l	6/26/2017 10:24:50	
I3851-01DUP	S	Total CN	P	-0.7629	µg/l	6/26/2017 10:24:51	
I3851-01MS	S	Total CN	P	37.4078	µg/l	6/26/2017 10:32:16	
I3851-01MSD	S	Total CN	P	40.1371	µg/l	6/26/2017 10:32:17	
I3851-02	S	Total CN	P	-0.3517	µg/l	6/26/2017 10:32:18	
I3851-03	S	Total CN	P	-0.572	µg/l	6/26/2017 10:32:19	

Av

I3851-04	S	Total CN	P	6.0544 µg/l	6/26/2017 10:32:20
I3851-06	S	Total CN	P	-0.0398 µg/l	6/26/2017 10:32:22
CCV4	S	Total CN	P	246.9875 µg/l	6/26/2017 10:32:23
CCB4	S	Total CN	P	0.0494 µg/l	6/26/2017 10:32:24
I3851-07	S	Total CN	P	-0.8632 µg/l	6/26/2017 10:32:25
I3851-08	S	Total CN	P	2.334 µg/l	6/26/2017 10:32:26
I3851-09	S	Total CN	P	-0.2766 µg/l	6/26/2017 10:39:51
I3851-10	S	Total CN	P	0.2103 µg/l	6/26/2017 10:39:52
I3851-11	S	Total CN	P	-0.8273 µg/l	6/26/2017 10:39:53
I3851-12	S	Total CN	P	-0.7165 µg/l	6/26/2017 10:39:54
PB100134BL	S	Total CN	P	0.2472 µg/l	6/26/2017 10:39:55
PB100134BS	S	Total CN	P	98.5259 µg/l	6/26/2017 10:39:56
I3852-01	S	Total CN	P	0.2038 µg/l	6/26/2017 10:39:57
I3852-01DUP	S	Total CN	P	0.4034 µg/l	6/26/2017 10:39:58
CCV5	S	Total CN	P	249.0678 µg/l	6/26/2017 10:39:59
CCB5	S	Total CN	P	0.0346 µg/l	6/26/2017 10:40:00
I3852-01MS	S	Total CN	P	37.18 µg/l	6/26/2017 10:40:01
I3852-01MSD	S	Total CN	P	35.9598 µg/l	6/26/2017 10:47:23
I3852-02	S	Total CN	P	-0.6692 µg/l	6/26/2017 10:47:24
I3852-03	S	Total CN	P	-0.9594 µg/l	6/26/2017 10:47:25
I3852-04	S	Total CN	P	0.5698 µg/l	6/26/2017 10:47:26
I3852-05	S	Total CN	P	-0.7725 µg/l	6/26/2017 10:47:27
I3852-06	S	Total CN	P	-0.8376 µg/l	6/26/2017 10:47:28
I3852-07	S	Total CN	P	-0.5137 µg/l	6/26/2017 10:47:29
I3852-08	S	Total CN	P	2.3656 µg/l	6/26/2017 10:47:30
I3852-09	S	Total CN	P	-0.4886 µg/l	6/26/2017 10:47:31
CCV6	S	Total CN	P	251.6943 µg/l	6/26/2017 10:47:32
CCB6	S	Total CN	P	-0.2581 µg/l	6/26/2017 10:47:33
I3852-10	S	Total CN	P	1.3885 µg/l	6/26/2017 10:54:58
I3852-11	S	Total CN	P	1.6797 µg/l	6/26/2017 10:54:59
I3852-12	S	Total CN	P	6.0369 µg/l	6/26/2017 10:55:00
I3852-13	S	Total CN	P	-0.5399 µg/l	6/26/2017 10:55:01
I3852-14	S	Total CN	P	-0.1559 µg/l	6/26/2017 10:55:02
I3852-15	S	Total CN	P	-0.5364 µg/l	6/26/2017 10:55:03
I3852-16	S	Total CN	P	3.0612 µg/l	6/26/2017 10:55:04
I3852-17	S	Total CN	P	-0.2941 µg/l	6/26/2017 10:55:05
I3852-18	S	Total CN	P	-0.596 µg/l	6/26/2017 10:55:06
LOWPB100134	S	Total CN	P	8.9266 µg/l	6/26/2017 10:55:07
CCV7	S	Total CN	P	250.5583 µg/l	6/26/2017 10:55:08
CCB7	S	Total CN	P	0.143 µg/l	6/26/2017 11:01:09
HIGHPB100134	S	Total CN	P	481.7384 µg/l	6/26/2017 11:01:10
LOWPB100086	S	Total CN	P	10.1138 µg/l	6/26/2017 11:01:11
HIGHPB100086	S	Total CN	P	486.3877 µg/l	6/26/2017 11:01:12
I3851-05	S	Total CN	P	0.1156 µg/l	6/26/2017 11:39:54
CCV8	S	Total CN	P	261.0169 µg/l	6/26/2017 11:39:55
CCB8	S	Total CN	P	0.215 µg/l	6/26/2017 11:39:56

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

6/26/2017 9:16

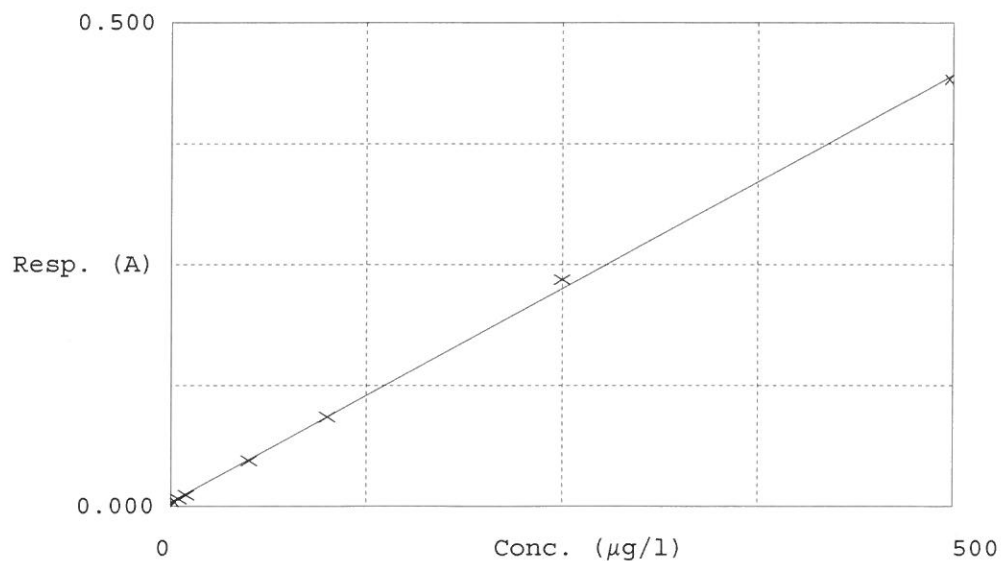
Test Total CN

Accepted 6/26/2017 9:16

Factor 1132
 Bias 0.004

Coeff. of det. 0.999320

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.7785	0.0000	
2	5.0PPBCN	0.008	3.8485	5.0000	
3	10PPBCN	0.012	8.2971	10.0000	
4	50PPBCN	0.047	48.4514	50.0000	
5	100PPBCN	0.093	99.7297	100.0000	
6	250PPBCN	0.234	260.3945	250.0000	
7	500PPBCN	0.442	495.0573	500.0000	