

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

11/10/2017 17:29

Test: Total CN Ag/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.776	0.0	0.098	
ICB1	-0.787	0.0	0.003	
CCV1	248.263	0.0	0.244	
CCB1	-0.394	0.0	0.004	
PB104160BL	-0.744	0.0	0.003	
LOWPB104160	8.671	0.0	0.013	
HIGHPB104160	482.365	0.0	0.471	
I6399-06	0.104	0.0	0.004	
I6399-06DUP	-0.196	0.0	0.004	
I6399-06MS	5.182	0.0	0.009	
I6399-06MSD	4.784	0.0	0.009	
I6399-11	-0.195	0.0	0.004	
I6399-17	0.271	0.0	0.004	
CCV2	250.695	0.0	0.247	
CCB2	-0.761	0.0	0.003	
I6399-22	-0.210	0.0	0.004	
I6404-01	0.255	0.0	0.004	
I6407-01	0.369	0.0	0.005	
I6407-04	4.647	0.0	0.009	
I6407-06	9.628	0.0	0.014	
I6409-01	13.860	0.0	0.018	
I6409-03	1.784	0.0	0.006	
I6419-01	-0.673	0.0	0.004	
I6419-02	3.958	0.0	0.008	
I6419-03	2.472	0.0	0.007	
CCV3	250.165	0.0	0.246	
CCB3	-0.446	0.0	0.004	
I6419-04	3.019	0.0	0.007	
PB104165BL	-0.703	0.0	0.004	
PB104165BS	95.732	0.0	0.097	
I6299-03	0.060	0.0	0.004	
I6299-03DUP	0.051	0.0	0.004	
I6299-03MS	44.965	0.0	0.048	
I6299-03MSD	45.143	0.0	0.048	
I6301-01	1.823	0.0	0.006	
I6301-03	1.554	0.0	0.006	
I6301-05	5.484	0.0	0.010	
CCV4	250.620	0.0	0.247	
CCB4	-0.249	0.0	0.004	
I6301-07	4.861	0.0	0.009	
I6301-09	1.293	0.0	0.005	
I6301-11	2.063	0.0	0.006	
I6301-13	0.833	0.0	0.005	
I6301-15	3.016	0.0	0.007	
I6396-01	-0.566	0.0	0.004	
I6396-05	-0.145	0.0	0.004	
I6396-09	-0.439	0.0	0.004	
PB104166BL	-0.664	0.0	0.004	
PB104166BS	96.787	0.0	0.098	
CCV5	248.787	0.0	0.245	
CCB5	-0.986	0.0	0.003	
I6399-24	3.615	0.0	0.008	
I6399-24DUP	3.800	0.0	0.008	
I6399-24MS	37.871	0.0	0.041	
I6399-24MSD	37.669	0.0	0.041	

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
I6399-27	0.919	0.0	0.005	
I6407-08	0.284	0.0	0.004	
I6409-05	-0.013	0.0	0.004	
I6409-08	0.620	0.0	0.005	
I6413-01	0.553	0.0	0.005	
PB104160BS	98.160	0.0	0.099	
CCV6	261.085	0.0	0.257	
CCB6	-0.636	0.0	0.004	

N	63
Mean	41.684
SD	94.0286
CV%	225.57

Aquakem v. 7.2AQ1

Results from time period:

Fri Nov 10 16:18:49 2017

Fri Nov 10 17:25:31 2017

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.8851	µg/l	11/10/2017 10:43:35	
5.OPPBCN	A	Total CN	P	4.191	µg/l	11/10/2017 10:43:36	
10PPBCN	A	Total CN	P	8.6688	µg/l	11/10/2017 10:43:37	
50PPBCN	A	Total CN	P	50.0501	µg/l	11/10/2017 10:43:38	
100PPBCN	A	Total CN	P	99.5619	µg/l	11/10/2017 10:43:39	
250PPBCN	A	Total CN	P	256.5918	µg/l	11/10/2017 10:43:40	
500PPBCN	A	Total CN	P	496.8214	µg/l	11/10/2017 10:43:41	
ICV1	S	Total CN	P	96.7756	µg/l	11/10/2017 16:18:50	
ICB1	S	Total CN	P	-0.7872	µg/l	11/10/2017 16:18:51	
CCV1	S	Total CN	P	248.2634	µg/l	11/10/2017 16:18:54	
CCB1	S	Total CN	P	-0.3941	µg/l	11/10/2017 16:18:55	
PB104160BL	S	Total CN	P	-0.7435	µg/l	11/10/2017 16:18:57	
LOWPB104160	S	Total CN	P	8.6706	µg/l	11/10/2017 16:18:59	
HIGHPB104160	S	Total CN	P	482.3652	µg/l	11/10/2017 16:26:24	
I6399-06	S	Total CN	P	0.104	µg/l	11/10/2017 16:26:25	
I6399-06DUP	S	Total CN	P	-0.1964	µg/l	11/10/2017 16:26:26	
I6399-06MS	S	Total CN	P	5.1817	µg/l	11/10/2017 16:26:27	
I6399-06MSD	S	Total CN	P	4.7842	µg/l	11/10/2017 16:26:28	
I6399-11	S	Total CN	P	-0.1952	µg/l	11/10/2017 16:26:29	
I6399-17	S	Total CN	P	0.2711	µg/l	11/10/2017 16:26:30	
CCV2	S	Total CN	P	250.6945	µg/l	11/10/2017 16:26:31	
CCB2	S	Total CN	P	-0.7606	µg/l	11/10/2017 16:26:32	
I6399-22	S	Total CN	P	-0.21	µg/l	11/10/2017 16:26:33	
I6404-01	S	Total CN	P	0.2548	µg/l	11/10/2017 16:26:34	
I6407-01	S	Total CN	P	0.3688	µg/l	11/10/2017 16:33:59	
I6407-04	S	Total CN	P	4.6472	µg/l	11/10/2017 16:34:00	
I6407-06	S	Total CN	P	9.6276	µg/l	11/10/2017 16:34:01	
I6409-01	S	Total CN	P	13.8601	µg/l	11/10/2017 16:34:02	
I6409-03	S	Total CN	P	1.7841	µg/l	11/10/2017 16:34:03	
I6419-01	S	Total CN	P	-0.6735	µg/l	11/10/2017 16:34:04	
I6419-02	S	Total CN	P	3.9585	µg/l	11/10/2017 16:34:05	
I6419-03	S	Total CN	P	2.4721	µg/l	11/10/2017 16:34:06	
CCV3	S	Total CN	P	250.1647	µg/l	11/10/2017 16:34:07	
CCB3	S	Total CN	P	-0.4456	µg/l	11/10/2017 16:34:08	
I6419-04	S	Total CN	P	3.0194	µg/l	11/10/2017 16:34:09	
PB104165BL	S	Total CN	P	-0.7035	µg/l	11/10/2017 16:41:34	
PB104165BS	S	Total CN	P	95.7319	µg/l	11/10/2017 16:41:35	
I6299-03	S	Total CN	P	0.0595	µg/l	11/10/2017 16:41:36	
I6299-03DUP	S	Total CN	P	0.0511	µg/l	11/10/2017 16:41:37	
I6299-03MS	S	Total CN	P	44.9649	µg/l	11/10/2017 16:41:38	
I6299-03MSD	S	Total CN	P	45.1433	µg/l	11/10/2017 16:41:39	
I6301-01	S	Total CN	P	1.8231	µg/l	11/10/2017 16:41:40	

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I6301-03	S	Total CN	P	1.5539 µg/l	11/10/2017 16:41:41
I6301-05	S	Total CN	P	5.4843 µg/l	11/10/2017 16:41:42
CCV4	S	Total CN	P	250.6197 µg/l	11/10/2017 16:41:43
CCB4	S	Total CN	P	-0.2494 µg/l	11/10/2017 16:41:44
I6301-07	S	Total CN	P	4.8614 µg/l	11/10/2017 16:49:08
I6301-09	S	Total CN	P	1.2931 µg/l	11/10/2017 16:49:09
I6301-11	S	Total CN	P	2.0634 µg/l	11/10/2017 16:49:10
I6301-13	S	Total CN	P	0.8328 µg/l	11/10/2017 16:49:11
I6301-15	S	Total CN	P	3.0165 µg/l	11/10/2017 16:49:12
I6396-01	S	Total CN	P	-0.566 µg/l	11/10/2017 16:49:13
I6396-05	S	Total CN	P	-0.1449 µg/l	11/10/2017 16:49:14
I6396-09	S	Total CN	P	-0.4391 µg/l	11/10/2017 16:49:15
PB104166BL	S	Total CN	P	-0.6641 µg/l	11/10/2017 16:49:16
PB104166BS	S	Total CN	P	96.7869 µg/l	11/10/2017 16:49:17
CCV5	S	Total CN	P	248.7869 µg/l	11/10/2017 16:49:18
CCB5	S	Total CN	P	-0.9855 µg/l	11/10/2017 16:56:41
I6399-24	S	Total CN	P	3.6148 µg/l	11/10/2017 16:56:42
I6399-24DUP	S	Total CN	P	3.7997 µg/l	11/10/2017 16:56:43
I6399-24MS	S	Total CN	P	37.8712 µg/l	11/10/2017 16:56:44
I6399-24MSD	S	Total CN	P	37.6689 µg/l	11/10/2017 16:56:45
I6399-27	S	Total CN	P	0.9195 µg/l	11/10/2017 16:56:46
I6407-08	S	Total CN	P	0.2839 µg/l	11/10/2017 16:56:47
I6409-05	S	Total CN	P	-0.013 µg/l	11/10/2017 16:56:48
I6409-08	S	Total CN	P	0.6195 µg/l	11/10/2017 16:56:49
I6413-01	S	Total CN	P	0.5535 µg/l	11/10/2017 16:56:50
PB104160BS	S	Total CN	P	98.1598 µg/l	11/10/2017 17:01:00
CCV6	S	Total CN	P	261.0846 µg/l	11/10/2017 17:25:30
CCB6	S	Total CN	P	-0.6357 µg/l	11/10/2017 17:25:31

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Calibration results

Aquakem 7.2AQ1

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

11/10/2017 10:44

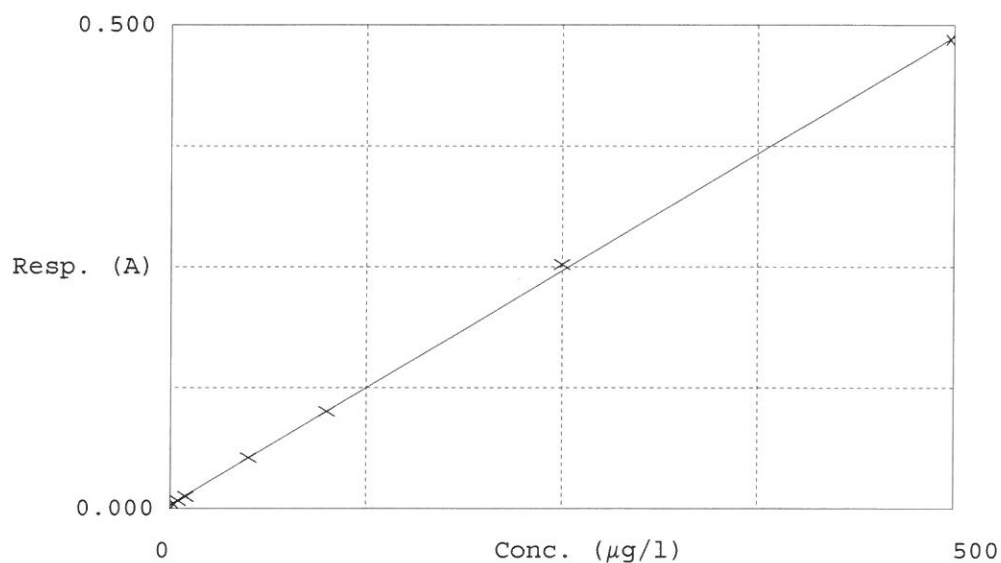
Test Total CN

Accepted 11/10/2017 10:44

Factor 1033
Bias 0.004

Coeff. of det. 0.999723

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.8851	0.0000	
2	5.0PPBCN	0.008	4.1910	5.0000	
3	10PPBCN	0.013	8.6688	10.0000	
4	50PPBCN	0.053	50.0501	50.0000	
5	100PPBCN	0.101	99.5619	100.0000	
6	250PPBCN	0.253	256.5918	250.0000	
7	500PPBCN	0.485	496.8214	500.0000	