

Test results

Aquakem 7.2AQ1

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

8/17/2018 13:34

Test: Total CN ug/d

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.271	0.0	0.090	
ICB1	0.099	0.0	0.004	
CCV1	241.998	0.0	0.221	
CCB1	0.052	0.0	0.004	
PB112131BL	-0.053	0.0	0.004	
PB112131BS	97.636	0.0	0.092	
LOWPB112131	9.586	0.0	0.013	
HIGHPB112131	497.113	0.0	0.449	
J4500-01	2.646	0.0	0.006	
J4500-01DUP	1.655	0.0	0.006	
J4500-01MS	35.348	0.0	0.036	
J4500-01MSD	34.989	0.0	0.035	
J4500-05	0.607	0.0	0.005	
J4500-09	0.408	0.0	0.004	
CCV2	245.318	0.0	0.224	
CCB2	0.214	0.0	0.004	
J4500-13	0.067	0.0	0.004	
J4500-17	0.075	0.0	0.004	
J4500-21	0.753	0.0	0.005	
PB112160BL	-0.347	0.0	0.004	
PB112160BS	97.628	0.0	0.092	
J4521-01	0.638	0.0	0.005	
J4521-01DUP	0.522	0.0	0.005	
J4521-01MS	40.542	0.0	0.040	
J4521-01MSD	41.141	0.0	0.041	
J4521-04	0.749	0.0	0.005	
CCV3	246.170	0.0	0.225	
CCB3	0.027	0.0	0.004	
J4521-07	0.964	0.0	0.005	
J4521-10	0.607	0.0	0.005	
J4521-13	1.607	0.0	0.006	
J4521-16	0.944	0.0	0.005	
J4521-19	0.550	0.0	0.005	
J4521-22	3.535	0.0	0.007	
J4521-25	0.566	0.0	0.005	
J4521-28	1.915	0.0	0.006	
PB112161BL	-0.227	0.0	0.004	
PB112161BS	97.883	0.0	0.092	
CCV4	245.531	0.0	0.224	
CCB4	0.323	0.0	0.004	
J4516-06	0.438	0.0	0.004	
J4516-06DUP	0.213	0.0	0.004	
J4516-06MS	36.657	0.0	0.037	
J4516-06MSD	36.194	0.0	0.037	
CCV5	254.046	0.0	0.232	
CCB5	0.171	0.0	0.004	

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Test: Total CN Ng/d

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

N	46
Mean	51.604
SD	102.7724
CV%	199.16

Aquakem v. 7.2AQ1

As

Results from time period:

Fri Aug 17 13:01:27 2018

Fri Aug 17 13:28:31 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.6027	µg/l	8/17/2018 10:53:04	
5.0PPBCN	A	Total CN	P	4.2272	µg/l	8/17/2018 10:53:05	
10PPBCN	A	Total CN	P	9.1472	µg/l	8/17/2018 10:53:06	
50PPBCN	A	Total CN	P	49.929	µg/l	8/17/2018 10:53:07	
100PPBCN	A	Total CN	P	99.9559	µg/l	8/17/2018 10:53:08	
250PPBCN	A	Total CN	P	254.6052	µg/l	8/17/2018 10:53:09	
500PPBCN	A	Total CN	P	497.7381	µg/l	8/17/2018 10:53:10	
ICV1	S	Total CN	P	96.2707	µg/l	8/17/2018 13:01:27	
ICB1	S	Total CN	P	0.0986	µg/l	8/17/2018 13:01:28	
CCV1	S	Total CN	P	241.9977	µg/l	8/17/2018 13:01:29	
CCB1	S	Total CN	P	0.0517	µg/l	8/17/2018 13:01:30	
PB112131BL	S	Total CN	P	-0.0525	µg/l	8/17/2018 13:01:31	
PB112131BS	S	Total CN	P	97.6363	µg/l	8/17/2018 13:01:32	
LOWPB112131	S	Total CN	P	9.5855	µg/l	8/17/2018 13:01:33	
HIGHPB112131	S	Total CN	P	497.1129	µg/l	8/17/2018 13:01:34	
J4500-01	S	Total CN	P	2.6455	µg/l	8/17/2018 13:01:35	
J4500-01DUP	S	Total CN	P	1.6552	µg/l	8/17/2018 13:01:36	
J4500-01MS	S	Total CN	P	35.3483	µg/l	8/17/2018 13:01:37	
J4500-01MSD	S	Total CN	P	34.9887	µg/l	8/17/2018 13:09:02	
J4500-05	S	Total CN	P	0.6073	µg/l	8/17/2018 13:09:03	
J4500-09	S	Total CN	P	0.4079	µg/l	8/17/2018 13:09:04	
CCV2	S	Total CN	P	245.3182	µg/l	8/17/2018 13:09:05	
CCB2	S	Total CN	P	0.2139	µg/l	8/17/2018 13:09:06	
J4500-13	S	Total CN	P	0.0669	µg/l	8/17/2018 13:09:07	
J4500-17	S	Total CN	P	0.0752	µg/l	8/17/2018 13:09:08	
J4500-21	S	Total CN	P	0.7534	µg/l	8/17/2018 13:09:09	
PB112160BL	S	Total CN	P	-0.3466	µg/l	8/17/2018 13:09:10	
PB112160BS	S	Total CN	P	97.628	µg/l	8/17/2018 13:09:11	
J4521-01	S	Total CN	P	0.6381	µg/l	8/17/2018 13:09:12	
J4521-01DUP	S	Total CN	P	0.5221	µg/l	8/17/2018 13:16:36	
J4521-01MS	S	Total CN	P	40.5415	µg/l	8/17/2018 13:16:37	
J4521-01MSD	S	Total CN	P	41.1408	µg/l	8/17/2018 13:16:38	
J4521-04	S	Total CN	P	0.7491	µg/l	8/17/2018 13:16:39	
CCV3	S	Total CN	P	246.1695	µg/l	8/17/2018 13:16:40	
CCB3	S	Total CN	P	0.0269	µg/l	8/17/2018 13:16:41	
J4521-07	S	Total CN	P	0.9638	µg/l	8/17/2018 13:16:42	
J4521-10	S	Total CN	P	0.6075	µg/l	8/17/2018 13:16:43	
J4521-13	S	Total CN	P	1.6066	µg/l	8/17/2018 13:16:44	
J4521-16	S	Total CN	P	0.9438	µg/l	8/17/2018 13:16:45	
J4521-19	S	Total CN	P	0.5496	µg/l	8/17/2018 13:16:46	
J4521-22	S	Total CN	P	3.5346	µg/l	8/17/2018 13:24:09	
J4521-25	S	Total CN	P	0.5659	µg/l	8/17/2018 13:24:10	

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J4521-28	S	Total CN	P	1.9154 µg/l	8/17/2018 13:24:11
PB112161BL	S	Total CN	P	-0.2274 µg/l	8/17/2018 13:24:12
PB112161BS	S	Total CN	P	97.883 µg/l	8/17/2018 13:24:13
CCV4	S	Total CN	P	245.5308 µg/l	8/17/2018 13:24:14
CCB4	S	Total CN	P	0.3233 µg/l	8/17/2018 13:24:15
J4516-06	S	Total CN	P	0.4381 µg/l	8/17/2018 13:24:16
J4516-06DUP	S	Total CN	P	0.2128 µg/l	8/17/2018 13:24:17
J4516-06MS	S	Total CN	P	36.6565 µg/l	8/17/2018 13:24:18
J4516-06MSD	S	Total CN	P	36.1937 µg/l	8/17/2018 13:24:19
CCV5	S	Total CN	P	254.0464 µg/l	8/17/2018 13:28:28
CCB5	S	Total CN	P	0.171 µg/l	8/17/2018 13:28:29

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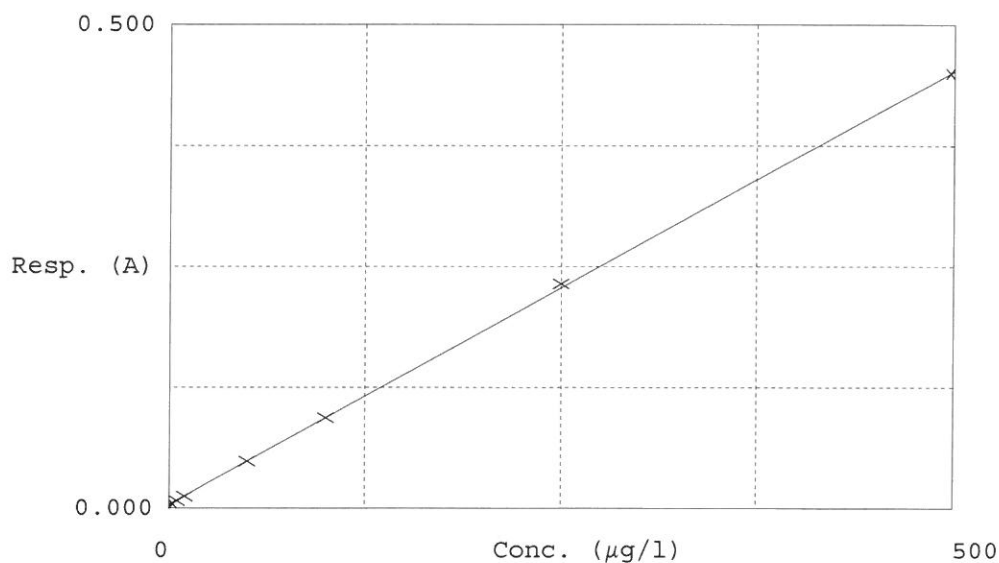
Test Total CN

Accepted 8/17/2018 10:54

Factor 1117
Bias 0.004

Coeff. of det. 0.999864

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.6027	0.0000	
2	5.0PPBCN	0.008	4.2272	5.0000	
3	10PPBCN	0.012	9.1472	10.0000	
4	50PPBCN	0.049	49.9290	50.0000	
5	100PPBCN	0.094	99.9559	100.0000	
6	250PPBCN	0.232	254.6052	250.0000	
7	500PPBCN	0.450	497.7381	500.0000	