

=====2B93717=====

Test results Aquakem 7.2AQ1

Page: 1

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

3/6/2018 12:56

Test: Total CN *Mg/d*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.829	0.0	0.096	
ICB1	0.751	0.0	0.004	
CCV1	243.526	0.0	0.237	
CCB1	0.767	0.0	0.004	
PB107080BL	0.662	0.0	0.004	
PB107080BS	98.883	0.0	0.098	
J1716-02	237.276	0.0	0.231	
J1716-02DUP	235.765	0.0	0.229	
J1716-04	1.449	0.0	0.005	
J1716-07	1.166	0.0	0.004	
CCV2	241.860	0.0	0.235	
CCB2	0.680	0.0	0.004	
J1792-03	1.496	0.0	0.005	
J1792-05	3.333	0.0	0.006	
J1792-07	1.397	0.0	0.005	
J1792-09	0.924	0.0	0.004	
PB107089BL	0.482	0.0	0.004	
PB107089BS	98.349	0.0	0.097	
J1736-06	1.329	0.0	0.004	
J1736-06DUP	1.310	0.0	0.004	
J1736-06MS	33.129	0.0	0.035	
J1736-06MSD	33.690	0.0	0.036	
CCV3	238.474	0.0	0.232	
CCB3	0.496	0.0	0.004	
J1779-08	1.261	0.0	0.004	
J1792-11	3.224	0.0	0.006	
J1792-13	1.150	0.0	0.004	
J1792-15	1.240	0.0	0.004	
PB107113BL	0.212	0.0	0.003	
PB107113BS	93.745	0.0	0.093	
J1810-05	21.339	0.0	0.024	
J1810-05DUP	21.303	0.0	0.024	
CCV4	237.849	0.0	0.231	
CCB4	0.787	0.0	0.004	
PB107112BL	0.477	0.0	0.004	
PB107112BS	97.194	0.0	0.096	
J1731-04	2.313	0.0	0.005	
J1731-04DUP	2.268	0.0	0.005	
J1731-04MS	33.645	0.0	0.035	
J1731-04MSD	33.990	0.0	0.036	
J1808-02	1.348	0.0	0.005	
J1808-05	1.141	0.0	0.004	
J1809-01	0.629	0.0	0.004	
J1809-05	1.861	0.0	0.005	
CCV5	241.067	0.0	0.234	
CCB5	0.833	0.0	0.004	
J1810-01	2.164	0.0	0.005	
J1810-03	3.069	0.0	0.006	
J1792-01	6.552	0.0	0.009	
LOWPB107080	10.429	0.0	0.013	
HIGHPB107080	502.586	0.0	0.485	
J1716-02MS	238.908	0.0	0.232	
J1716-02MSD	234.519	0.0	0.228	
J1810-05MS	128.598	0.0	0.126	
J1810-05MSD	126.268	0.0	0.124	

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Test results

Aquakem 7.2AQ1

Page: 2

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Test: Total CN *Mg/L*

Sample Id	Result	Dil. 1 +	Response	Errors
CCV6	247.538	0.0	0.241	
CCB6	1.122	0.0	0.004	

N	57
Mean	67.976
SD	107.6535
CV%	158.37

AS

Aquakem v. 7.2AQ1

Results from time period:

Tue Mar 06 10:37:02 2018

Tue Mar 06 12:52:39 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.2248	µg/l	3/6/2018 10:37:02	
5.0PPBCN	A	Total CN	P	5.0853	µg/l	3/6/2018 10:37:03	
10PPBCN	A	Total CN	P	10.1627	µg/l	3/6/2018 10:37:04	
50PPBCN	A	Total CN	P	50.3848	µg/l	3/6/2018 10:37:05	
100PPBCN	A	Total CN	P	101.0383	µg/l	3/6/2018 10:37:06	
250PPBCN	A	Total CN	P	246.7086	µg/l	3/6/2018 10:37:07	
500PPBCN	A	Total CN	P	501.3954	µg/l	3/6/2018 10:37:08	
ICV1	S	Total CN	P	96.8292	µg/l	3/6/2018 11:44:39	
ICB1	S	Total CN	P	0.7509	µg/l	3/6/2018 11:44:40	
CCV1	S	Total CN	P	243.5258	µg/l	3/6/2018 11:44:41	
CCB1	S	Total CN	P	0.767	µg/l	3/6/2018 11:44:42	
PB107080BL	S	Total CN	P	0.6623	µg/l	3/6/2018 11:44:43	
PB107080BS	S	Total CN	P	98.8834	µg/l	3/6/2018 11:44:44	
J1716-02	S	Total CN	P	237.2761	µg/l	3/6/2018 11:44:47	
J1716-02DUP	S	Total CN	P	235.7646	µg/l	3/6/2018 11:44:48	
J1716-04	S	Total CN	P	1.4488	µg/l	3/6/2018 11:52:15	
J1716-07	S	Total CN	P	1.1657	µg/l	3/6/2018 11:52:16	
CCV2	S	Total CN	P	241.8599	µg/l	3/6/2018 11:52:17	
CCB2	S	Total CN	P	0.6803	µg/l	3/6/2018 11:52:18	
J1792-03	S	Total CN	P	1.4957	µg/l	3/6/2018 11:52:19	
J1792-05	S	Total CN	P	3.3331	µg/l	3/6/2018 11:52:20	
J1792-07	S	Total CN	P	1.3972	µg/l	3/6/2018 11:52:21	
J1792-09	S	Total CN	P	0.9239	µg/l	3/6/2018 11:52:22	
PB107089BL	S	Total CN	P	0.4819	µg/l	3/6/2018 11:52:23	
PB107089BS	S	Total CN	P	98.3493	µg/l	3/6/2018 11:52:24	
J1736-06	S	Total CN	P	1.3288	µg/l	3/6/2018 11:59:49	
J1736-06DUP	S	Total CN	P	1.3104	µg/l	3/6/2018 11:59:50	
J1736-06MS	S	Total CN	P	33.1292	µg/l	3/6/2018 11:59:51	
J1736-06MSD	S	Total CN	P	33.6895	µg/l	3/6/2018 11:59:52	
CCV3	S	Total CN	P	238.474	µg/l	3/6/2018 11:59:53	
CCB3	S	Total CN	P	0.4965	µg/l	3/6/2018 11:59:54	
J1779-08	S	Total CN	P	1.2608	µg/l	3/6/2018 11:59:55	
J1792-11	S	Total CN	P	3.2237	µg/l	3/6/2018 11:59:56	
J1792-13	S	Total CN	P	1.1503	µg/l	3/6/2018 11:59:57	
J1792-15	S	Total CN	P	1.2403	µg/l	3/6/2018 11:59:58	
PB107113BL	S	Total CN	P	0.2123	µg/l	3/6/2018 11:59:59	
PB107113BS	S	Total CN	P	93.7449	µg/l	3/6/2018 12:07:21	
J1810-05	S	Total CN	P	21.3389	µg/l	3/6/2018 12:07:22	
J1810-05DUP	S	Total CN	P	21.3027	µg/l	3/6/2018 12:07:23	
CCV4	S	Total CN	P	237.8491	µg/l	3/6/2018 12:07:26	
CCB4	S	Total CN	P	0.7869	µg/l	3/6/2018 12:07:27	
PB107112BL	S	Total CN	P	0.4766	µg/l	3/6/2018 12:07:28	

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PB107112BS	S	Total CN	P	97.1941 µg/l	3/6/2018 12:07:29
J1731-04	S	Total CN	P	2.3129 µg/l	3/6/2018 12:07:30
J1731-04DUP	S	Total CN	P	2.2676 µg/l	3/6/2018 12:07:31
J1731-04MS	S	Total CN	P	33.6451 µg/l	3/6/2018 12:14:56
J1731-04MSD	S	Total CN	P	33.9898 µg/l	3/6/2018 12:14:57
J1808-02	S	Total CN	P	1.3475 µg/l	3/6/2018 12:14:58
J1808-05	S	Total CN	P	1.1409 µg/l	3/6/2018 12:14:59
J1809-01	S	Total CN	P	0.6293 µg/l	3/6/2018 12:15:00
J1809-05	S	Total CN	P	1.8607 µg/l	3/6/2018 12:15:01
CCV5	S	Total CN	P	241.067 µg/l	3/6/2018 12:15:02
CCB5	S	Total CN	P	0.8333 µg/l	3/6/2018 12:15:03
J1810-01	S	Total CN	P	2.1639 µg/l	3/6/2018 12:15:04
J1810-03	S	Total CN	P	3.0688 µg/l	3/6/2018 12:15:05
J1792-01	S	Total CN	P	6.5525 µg/l	3/6/2018 12:15:06
LOWPB107080	S	Total CN	P	10.4285 µg/l	3/6/2018 12:52:30
HIGHPB107080	S	Total CN	P	502.5862 µg/l	3/6/2018 12:52:31
J1716-02MS	S	Total CN	P	238.9079 µg/l	3/6/2018 12:52:32
J1716-02MSD	S	Total CN	P	234.5193 µg/l	3/6/2018 12:52:33
J1810-05MS	S	Total CN	P	128.5984 µg/l	3/6/2018 12:52:36
J1810-05MSD	S	Total CN	P	126.2683 µg/l	3/6/2018 12:52:37
CCV6	S	Total CN	P	247.5381 µg/l	3/6/2018 12:52:38
CCB6	S	Total CN	P	1.122 µg/l	3/6/2018 12:52:39

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3/6/2018 10:37

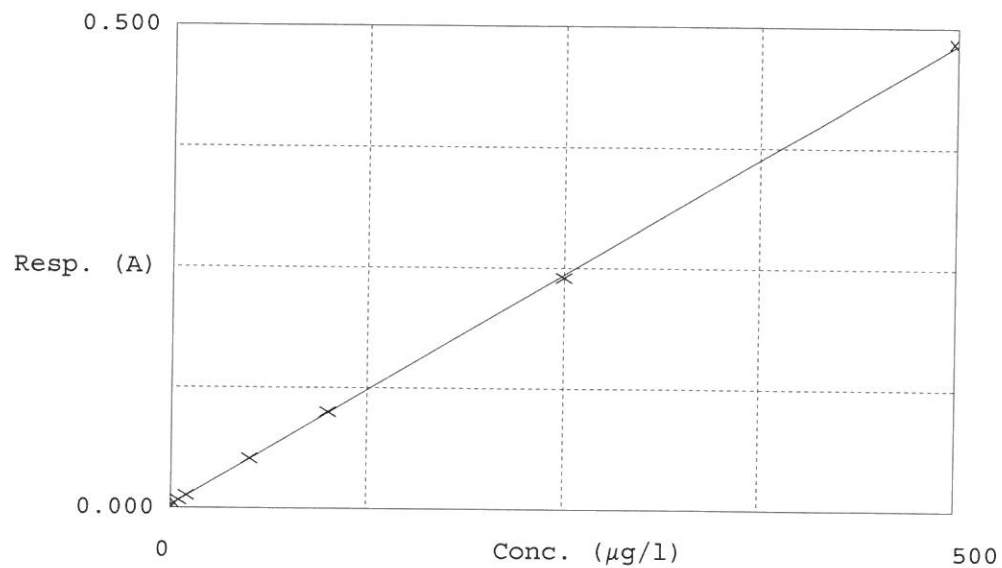
Test Total CN

Accepted 3/6/2018 10:37

Factor 1043
 Bias 0.003

Coeff. of det. 0.999931

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	0.2248	0.0000	
2	5.0PPBCN	0.008	5.0853	5.0000	
3	10PPBCN	0.013	10.1627	10.0000	
4	50PPBCN	0.052	50.3848	50.0000	
5	100PPBCN	0.100	101.0383	100.0000	
6	250PPBCN	0.240	246.7086	250.0000	
7	500PPBCN	0.484	501.3954	500.0000	