

21398316

Test results

Aquakem 7.2AQ1

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

10/3/2018 8:05

Test: Total CN ug/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.539	0.0	0.090	
ICB1	2.341	0.0	0.005	
CCV1	235.192	0.0	0.213	
CCB1	1.685	0.0	0.004	
PB113427BL	1.147	0.0	0.004	
PB113427BS	98.512	0.0	0.091	
LOWPB113427	11.160	0.0	0.013	
HIGHPB113427	497.818	0.0	0.448	
J5169-01	2.252	0.0	0.005	
J5169-01DUP	1.926	0.0	0.004	
J5188-07	3132.107	0.0	2.806	Test limit high
CCV2	242.225	0.0	0.220	
CCB2	2.030	0.0	0.005	
J5191-05	2.656	0.0	0.005	
J5200-01	12.614	0.0	0.014	
J5200-03	3.360	0.0	0.006	
PB113428BL	1.369	0.0	0.004	
PB113428BS	98.472	0.0	0.091	
J5188-03	2667.422	0.0	2.390	Test limit high
J5188-03DUP	2824.476	0.0	2.531	Test limit high
J5188-03MS	3075.907	0.0	2.756	Test limit high
J5188-03MSD	2943.744	0.0	2.638	Test limit high
J5188-04	6401.000	0.0	5.733	Test limit high
CCV3	255.801	0.0	0.232	
CCB3	1.202	0.0	0.004	
J5206-01	21.805	0.0	0.022	
J5164-01	2.947	0.0	0.005	
J5164-02	9.825	0.0	0.012	
J5164-03	3.478	0.0	0.006	
J5164-08	10.030	0.0	0.012	
J5164-07	3.362	0.0	0.006	
J5164-09	2.876	0.0	0.005	
CCV4	245.573	0.0	0.223	
CCB4	2.243	0.0	0.005	
J5188-07DLX20	721.035	0.0	0.648	Test limit high
J5188-03DUPDLX20	4151.217	0.0	3.719	Test limit high
J5188-03DLX20	4152.823	0.0	3.720	Test limit high
J5188-03MSDLX20	5506.286	0.0	4.932	Test limit high
J5188-03MSDDLX20	5460.540	0.0	4.891	Test limit high
J5188-04DLX100	91.172	0.0	0.084	
CCV5	257.617	0.0	0.233	
CCB5	1.369	0.0	0.004	
J5188-07DL2X100	161.493	0.0	0.147	
J5188-03DL2X200	446.035	0.0	0.402	
J5188-03DUPDL2X200	444.760	0.0	0.401	
J5188-03MSDDL2X200	545.751	0.0	0.491	Test limit high
J5188-03MSDDL2X200	543.742	0.0	0.489	Test limit high
J5169-01MS	45.170	0.0	0.043	
J5169-01MSD	43.288	0.0	0.041	
J5191-01	4.359	0.0	0.007	
CCV6	257.993	0.0	0.234	
CCB6	0.702	0.0	0.003	

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	0.00,,
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N	52
Mean	879.835
SD	1660.1614
CV%	188.69

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Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 02 14:18:12 2018

Tue Oct 02 16:56:08 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPBCN	A	Total CN	P	0.6507	µg/l	10/2/2018 12:48:26
5.0PPBCN	A	Total CN	P	5.9205	µg/l	10/2/2018 12:48:27
10PPBCN	A	Total CN	P	10.9136	µg/l	10/2/2018 12:48:28
50PPBCN	A	Total CN	P	51.085	µg/l	10/2/2018 12:48:29
100PPBCN	A	Total CN	P	100.3982	µg/l	10/2/2018 12:48:30
250PPBCN	A	Total CN	P	242.4954	µg/l	10/2/2018 12:48:31
500PPBCN	A	Total CN	P	503.5367	µg/l	10/2/2018 12:48:32
ICV1	S	Total CN	P	97.5388	µg/l	10/2/2018 14:18:12
ICB1	S	Total CN	P	2.3415	µg/l	10/2/2018 14:18:13
CCV1	S	Total CN	P	235.1919	µg/l	10/2/2018 14:18:14
CCB1	S	Total CN	P	1.6845	µg/l	10/2/2018 14:18:15
PB113427BL	S	Total CN	P	1.1471	µg/l	10/2/2018 14:18:16
PB113427BS	S	Total CN	P	98.5115	µg/l	10/2/2018 14:18:17
LOWPB113427	S	Total CN	P	11.1601	µg/l	10/2/2018 14:18:18
HIGHPB113427	S	Total CN	P	497.8175	µg/l	10/2/2018 14:18:19
J5169-01	S	Total CN	P	2.2523	µg/l	10/2/2018 14:18:20
J5169-01DUP	S	Total CN	P	1.9257	µg/l	10/2/2018 14:18:21
J5188-07	S	Total CN	P	3132.107	µg/l	10/2/2018 14:25:48
CCV2	S	Total CN	P	242.2251	µg/l	10/2/2018 14:25:50
CCB2	S	Total CN	P	2.0295	µg/l	10/2/2018 14:25:51
J5191-05	S	Total CN	P	2.6558	µg/l	10/2/2018 14:25:52
J5200-01	S	Total CN	P	12.6144	µg/l	10/2/2018 14:25:53
J5200-03	S	Total CN	P	3.3602	µg/l	10/2/2018 14:25:54
PB113428BL	S	Total CN	P	1.3693	µg/l	10/2/2018 14:25:56
PB113428BS	S	Total CN	P	98.4719	µg/l	10/2/2018 14:25:57
J5188-03	S	Total CN	P	2667.422	µg/l	10/2/2018 14:33:19
J5188-03DUP	S	Total CN	P	2824.476	µg/l	10/2/2018 14:33:20
J5188-03MS	S	Total CN	P	3075.908	µg/l	10/2/2018 14:33:21
J5188-03MSD	S	Total CN	P	2943.744	µg/l	10/2/2018 14:33:22
J5188-04	S	Total CN	P	6401.001	µg/l	10/2/2018 14:33:25
CCV3	S	Total CN	P	255.8014	µg/l	10/2/2018 15:30:44
CCB3	S	Total CN	P	1.202	µg/l	10/2/2018 15:30:46
J5206-01	S	Total CN	P	21.8055	µg/l	10/2/2018 16:00:43
J5164-01	S	Total CN	P	2.9471	µg/l	10/2/2018 16:00:46
J5164-02	S	Total CN	P	9.8251	µg/l	10/2/2018 16:00:47
J5164-03	S	Total CN	P	3.4785	µg/l	10/2/2018 16:00:49
J5164-08	S	Total CN	P	10.0299	µg/l	10/2/2018 16:00:51
J5164-07	S	Total CN	P	3.3619	µg/l	10/2/2018 16:00:52
J5164-09	S	Total CN	P	2.8758	µg/l	10/2/2018 16:00:53
CCV4	S	Total CN	P	245.573	µg/l	10/2/2018 16:08:21
CCB4	S	Total CN	P	2.2432	µg/l	10/2/2018 16:08:22
J5188-07DLX20	S	Total CN	P	721.0353	µg/l	10/2/2018 16:08:23

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J5188-03DUPDLX20	S	Total CN	P	4151.217 µg/l	10/2/2018 16:08:24
J5188-03DLX20	S	Total CN	P	4152.823 µg/l	10/2/2018 16:08:25
J5188-03MSDLX20	S	Total CN	P	5506.286 µg/l	10/2/2018 16:08:26
J5188-03MSDDLX20	S	Total CN	P	5460.54 µg/l	10/2/2018 16:08:27
J5188-04DLX100	S	Total CN	P	91.1715 µg/l	10/2/2018 16:08:28
CCV5	S	Total CN	P	257.6174 µg/l	10/2/2018 16:11:41
CCB5	S	Total CN	P	1.3688 µg/l	10/2/2018 16:11:42
J5188-07DL2X100	S	Total CN	P	161.4928 µg/l	10/2/2018 16:41:05
J5188-03DL2X200	S	Total CN	P	446.0349 µg/l	10/2/2018 16:41:06
J5188-03DUPDL2X200	S	Total CN	P	444.7597 µg/l	10/2/2018 16:41:07
J5188-03MSDDL2X200	S	Total CN	P	545.7512 µg/l	10/2/2018 16:41:08
J5188-03MSDDL2X200	S	Total CN	P	543.7421 µg/l	10/2/2018 16:41:09
J5169-01MS	S	Total CN	P	45.1702 µg/l	10/2/2018 16:45:24
J5169-01MSD	S	Total CN	P	43.288 µg/l	10/2/2018 16:45:25
J5191-01	S	Total CN	P	4.3595 µg/l	10/2/2018 16:45:26
CCV6	S	Total CN	P	257.9934 µg/l	10/2/2018 16:54:08
CCB6	S	Total CN	P	0.7018 µg/l	10/2/2018 16:56:08

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10/2/2018 12:48

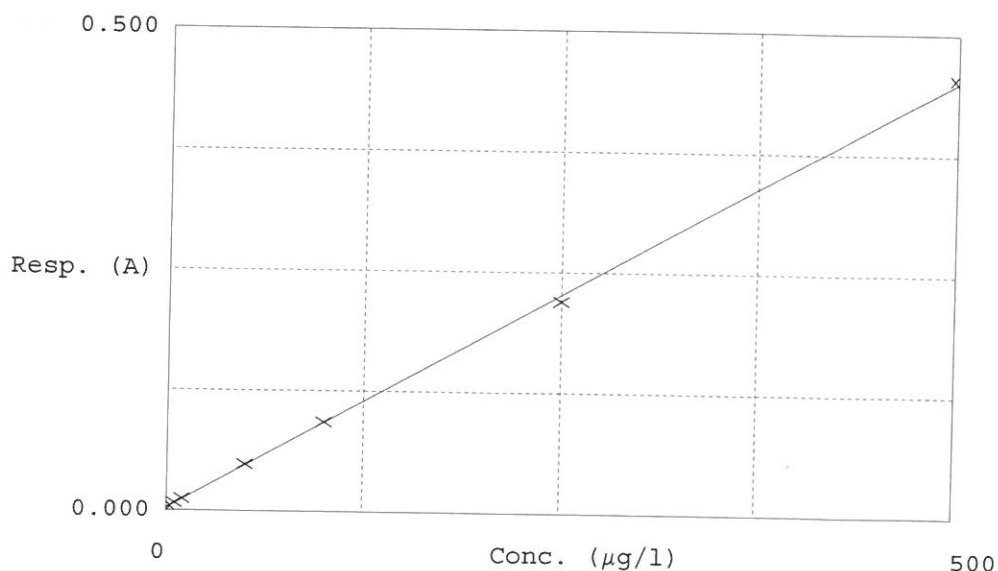
Test Total CN

Accepted 10/2/2018 12:48

Factor 1117
 Bias 0.003

Coeff. of det. 0.999649

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	0.6507	0.0000	
2	5.0PPBCN	0.008	5.9205	5.0000	
3	10PPBCN	0.012	10.9136	10.0000	
4	50PPBCN	0.048	51.0850	50.0000	
5	100PPBCN	0.093	100.3982	100.0000	
6	250PPBCN	0.220	242.4954	250.0000	
7	500PPBCN	0.453	503.5367	500.0000	