

2193687

Test results

Aquakem 7.2AQ1

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

3/5/2018 10:44

Test: Total CN ug/d

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.480	0.0	0.090	
ICB1	-0.061	0.0	0.004	
CCV1	236.228	0.0	0.219	
CCB1	-0.383	0.0	0.003	
PB107059BS	95.439	0.0	0.091	
LOWPB107059	10.133	0.0	0.013	
HIGHPB107059	497.097	0.0	0.457	
J1723-01	3.152	0.0	0.007	
J1723-01DUP	3.113	0.0	0.007	
J1723-01MS	30.863	0.0	0.032	
J1723-01MSD	30.843	0.0	0.032	
J1723-03	1.909	0.0	0.006	
J1723-05	2.200	0.0	0.006	
CCV2	243.224	0.0	0.225	
CCB2	-0.042	0.0	0.004	
J1723-07	2.315	0.0	0.006	
J1723-09	2.314	0.0	0.006	
J1723-11	1.401	0.0	0.005	
J1723-13	2.497	0.0	0.006	
J1723-15	2.163	0.0	0.006	
J1723-17	2.218	0.0	0.006	
J1723-19	2.360	0.0	0.006	
PB107060BL	-0.278	0.0	0.004	
PB107060BS	94.591	0.0	0.090	
J1724-01	4.656	0.0	0.008	
CCV3	235.600	0.0	0.218	
CCB3	0.030	0.0	0.004	
J1724-01DUP	4.632	0.0	0.008	
J1724-01MS	32.997	0.0	0.034	
J1724-01MSD	33.983	0.0	0.035	
J1724-03	3.263	0.0	0.007	
J1724-05	1.687	0.0	0.005	
J1724-07	-0.229	0.0	0.004	
J1724-09	0.085	0.0	0.004	
J1724-11	1.697	0.0	0.005	
J1724-13	1.597	0.0	0.005	
J1724-15	1.026	0.0	0.005	
CCV4	238.318	0.0	0.221	
CCB4	-0.036	0.0	0.004	
J1724-17	3.206	0.0	0.007	
J1724-19	1.542	0.0	0.005	
PB107034BL	-0.304	0.0	0.004	
PB107034BS	92.497	0.0	0.088	
J1722-01	1.200	0.0	0.005	
J1722-01DUP	1.122	0.0	0.005	
J1722-01MS	37.020	0.0	0.038	
J1722-01MSD	35.619	0.0	0.036	
J1722-03	3.543	0.0	0.007	
J1722-05	1.131	0.0	0.005	
CCV5	235.621	0.0	0.218	
CCB5	-0.020	0.0	0.004	
J1722-07	0.801	0.0	0.005	
J1722-09	1.674	0.0	0.005	
J1722-11	1.642	0.0	0.005	
J1722-13	1.783	0.0	0.005	

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Test: Total CN *Mg/L*

Sample Id	Result	Dil. 1 +	Response	Errors
J1722-17	3.227	0.0	0.007	
J1722-19	0.770	0.0	0.004	
PB107024BL	-0.149	0.0	0.004	
PB107024BS	93.476	0.0	0.089	
J1756-01	1.158	0.0	0.005	
CCV6	239.856	0.0	0.222	
CCB6	-0.139	0.0	0.004	
J1756-01DUP	0.787	0.0	0.004	
J1756-01MS	28.000	0.0	0.029	
J1756-01MSD	28.838	0.0	0.030	
J1756-03	0.847	0.0	0.005	
J1767-03	0.736	0.0	0.004	
J1774-01	-0.035	0.0	0.004	
J1774-02	-0.089	0.0	0.004	
J1774-03	0.018	0.0	0.004	
J1778-04	0.095	0.0	0.004	
CCV7	240.256	0.0	0.223	
CCB7	0.397	0.0	0.004	
J1779-01	0.631	0.0	0.004	
PB107059BL	-0.558	0.0	0.003	
J1722-15	2.407	0.0	0.006	
J1778-05	0.057	0.0	0.004	
J1778-06	2.374	0.0	0.006	
CCV8	236.822	0.0	0.219	
CCB8	0.227	0.0	0.004	

N	80
Mean	40.190
SD	88.9447
CV%	221.31

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Aquakem v. 7.2AQ1

Results from time period:

Mon Mar 05 08:12:01 2018

Mon Mar 05 10:34:27 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.5483	µg/l	3/5/2018 8:12:01	
5.OPPBCN	A	Total CN	P	4.5671	µg/l	3/5/2018 8:12:02	
10PPBCN	A	Total CN	P	9.6215	µg/l	3/5/2018 8:12:03	
50PPBCN	A	Total CN	P	49.7426	µg/l	3/5/2018 8:12:04	
100PPBCN	A	Total CN	P	100.3437	µg/l	3/5/2018 8:12:05	
250PPBCN	A	Total CN	P	252.6089	µg/l	3/5/2018 8:12:06	
500PPBCN	A	Total CN	P	498.6644	µg/l	3/5/2018 8:12:07	
ICV1	S	Total CN	P	94.4804	µg/l	3/5/2018 9:15:19	
ICB1	S	Total CN	P	-0.0609	µg/l	3/5/2018 9:15:20	
CCV1	S	Total CN	P	236.2284	µg/l	3/5/2018 9:15:21	
CCB1	S	Total CN	P	-0.3835	µg/l	3/5/2018 9:15:22	
PB107059BS	S	Total CN	P	95.4394	µg/l	3/5/2018 9:15:24	
LOWPB107059	S	Total CN	P	10.133	µg/l	3/5/2018 9:15:25	
HIGHPB107059	S	Total CN	P	497.0971	µg/l	3/5/2018 9:15:26	
J1723-01	S	Total CN	P	3.1523	µg/l	3/5/2018 9:15:27	
J1723-01DUP	S	Total CN	P	3.1127	µg/l	3/5/2018 9:15:28	
J1723-01MS	S	Total CN	P	30.8633	µg/l	3/5/2018 9:15:29	
J1723-01MSD	S	Total CN	P	30.8432	µg/l	3/5/2018 9:22:54	
J1723-03	S	Total CN	P	1.9088	µg/l	3/5/2018 9:22:55	
J1723-05	S	Total CN	P	2.1996	µg/l	3/5/2018 9:22:56	
CCV2	S	Total CN	P	243.224	µg/l	3/5/2018 9:22:57	
CCB2	S	Total CN	P	-0.0416	µg/l	3/5/2018 9:22:58	
J1723-07	S	Total CN	P	2.3147	µg/l	3/5/2018 9:22:59	
J1723-09	S	Total CN	P	2.3144	µg/l	3/5/2018 9:23:00	
J1723-11	S	Total CN	P	1.401	µg/l	3/5/2018 9:23:01	
J1723-13	S	Total CN	P	2.4971	µg/l	3/5/2018 9:23:02	
J1723-15	S	Total CN	P	2.1633	µg/l	3/5/2018 9:23:03	
J1723-17	S	Total CN	P	2.2181	µg/l	3/5/2018 9:23:04	
J1723-19	S	Total CN	P	2.3604	µg/l	3/5/2018 9:30:29	
PB107060BL	S	Total CN	P	-0.2779	µg/l	3/5/2018 9:30:30	
PB107060BS	S	Total CN	P	94.5915	µg/l	3/5/2018 9:30:31	
J1724-01	S	Total CN	P	4.6564	µg/l	3/5/2018 9:30:32	
CCV3	S	Total CN	P	235.6	µg/l	3/5/2018 9:30:33	
CCB3	S	Total CN	P	0.0297	µg/l	3/5/2018 9:30:34	
J1724-01DUP	S	Total CN	P	4.6324	µg/l	3/5/2018 9:30:35	
J1724-01MS	S	Total CN	P	32.9975	µg/l	3/5/2018 9:30:36	
J1724-01MSD	S	Total CN	P	33.9828	µg/l	3/5/2018 9:30:37	
J1724-03	S	Total CN	P	3.2633	µg/l	3/5/2018 9:30:38	
J1724-05	S	Total CN	P	1.687	µg/l	3/5/2018 9:30:39	
J1724-07	S	Total CN	P	-0.2287	µg/l	3/5/2018 9:38:04	
J1724-09	S	Total CN	P	0.0853	µg/l	3/5/2018 9:38:05	
J1724-11	S	Total CN	P	1.6965	µg/l	3/5/2018 9:38:06	

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J1724-13	S	Total CN	P	1.5974 µg/l	3/5/2018 9:38:07
J1724-15	S	Total CN	P	1.0262 µg/l	3/5/2018 9:38:08
CCV4	S	Total CN	P	238.3184 µg/l	3/5/2018 9:38:09
CCB4	S	Total CN	P	-0.0358 µg/l	3/5/2018 9:38:10
J1724-17	S	Total CN	P	3.2064 µg/l	3/5/2018 9:38:11
J1724-19	S	Total CN	P	1.5418 µg/l	3/5/2018 9:38:12
PB107034BL	S	Total CN	P	-0.3042 µg/l	3/5/2018 9:38:13
PB107034BS	S	Total CN	P	92.4973 µg/l	3/5/2018 9:38:14
J1722-01	S	Total CN	P	1.1997 µg/l	3/5/2018 9:45:39
J1722-01DUP	S	Total CN	P	1.1221 µg/l	3/5/2018 9:45:40
J1722-01MS	S	Total CN	P	37.0201 µg/l	3/5/2018 9:45:41
J1722-01MSD	S	Total CN	P	35.6192 µg/l	3/5/2018 9:45:42
J1722-03	S	Total CN	P	3.543 µg/l	3/5/2018 9:45:43
J1722-05	S	Total CN	P	1.1307 µg/l	3/5/2018 9:45:44
CCV5	S	Total CN	P	235.6206 µg/l	3/5/2018 9:45:45
CCB5	S	Total CN	P	-0.02 µg/l	3/5/2018 9:45:46
J1722-07	S	Total CN	P	0.8013 µg/l	3/5/2018 9:45:47
J1722-09	S	Total CN	P	1.6738 µg/l	3/5/2018 9:45:48
J1722-11	S	Total CN	P	1.6422 µg/l	3/5/2018 9:45:49
J1722-13	S	Total CN	P	1.7828 µg/l	3/5/2018 9:53:11
J1722-17	S	Total CN	P	3.2271 µg/l	3/5/2018 9:53:13
J1722-19	S	Total CN	P	0.7697 µg/l	3/5/2018 9:53:14
PB107024BL	S	Total CN	P	-0.1494 µg/l	3/5/2018 9:53:15
PB107024BS	S	Total CN	P	93.4763 µg/l	3/5/2018 9:53:16
J1756-01	S	Total CN	P	1.1584 µg/l	3/5/2018 9:53:17
CCV6	S	Total CN	P	239.8558 µg/l	3/5/2018 9:53:18
CCB6	S	Total CN	P	-0.139 µg/l	3/5/2018 9:53:19
J1756-01DUP	S	Total CN	P	0.787 µg/l	3/5/2018 9:53:20
J1756-01MS	S	Total CN	P	27.9998 µg/l	3/5/2018 9:53:21
J1756-01MSD	S	Total CN	P	28.838 µg/l	3/5/2018 10:00:46
J1756-03	S	Total CN	P	0.8467 µg/l	3/5/2018 10:00:47
J1767-03	S	Total CN	P	0.736 µg/l	3/5/2018 10:00:48
J1774-01	S	Total CN	P	-0.0347 µg/l	3/5/2018 10:00:49
J1774-02	S	Total CN	P	-0.0893 µg/l	3/5/2018 10:00:50
J1774-03	S	Total CN	P	0.0183 µg/l	3/5/2018 10:00:51
J1778-04	S	Total CN	P	0.0951 µg/l	3/5/2018 10:00:52
CCV7	S	Total CN	P	240.256 µg/l	3/5/2018 10:00:54
CCB7	S	Total CN	P	0.3966 µg/l	3/5/2018 10:00:55
J1779-01	S	Total CN	P	0.6311 µg/l	3/5/2018 10:04:37
PB107059BL	S	Total CN	P	-0.5582 µg/l	3/5/2018 10:34:22
J1722-15	S	Total CN	P	2.4071 µg/l	3/5/2018 10:34:23
J1778-05	S	Total CN	P	0.0566 µg/l	3/5/2018 10:34:24
J1778-06	S	Total CN	P	2.3741 µg/l	3/5/2018 10:34:25
CCV8	S	Total CN	P	236.8221 µg/l	3/5/2018 10:34:26
CCB8	S	Total CN	P	0.2267 µg/l	3/5/2018 10:34:27

CHEMTECH
284 Sheffield Street,
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3/5/2018 8:18

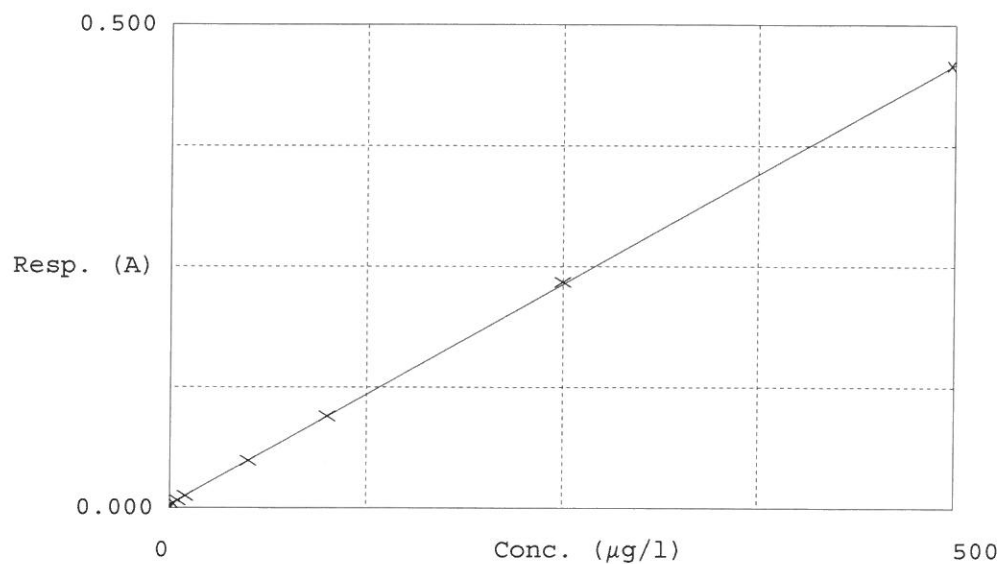
Test Total CN

Accepted 3/5/2018 8:18

Factor 1098
Bias 0.004

Coeff. of det. 0.999954

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.5483	0.0000	
2	5.0PPBCN	0.008	4.5671	5.0000	
3	10PPBCN	0.013	9.6215	10.0000	
4	50PPBCN	0.049	49.7426	50.0000	
5	100PPBCN	0.095	100.3437	100.0000	
6	250PPBCN	0.234	252.6089	250.0000	
7	500PPBCN	0.458	498.6644	500.0000	