

LB89744

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

8/28/2017 11:22

Test: Total CN

ug/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.698	0.0	0.097	
ICB1	-0.501	0.0	0.004	
CCV1	246.568	0.0	0.239	
CCB1	-0.759	0.0	0.004	
PB101815BL	-0.724	0.0	0.004	
PB101815BS	98.628	0.0	0.098	
HIGHPB101815	489.658	0.0	0.469	
I4948-01	-0.202	0.0	0.005	
I4948-01DUP	-0.835	0.0	0.004	
I4948-01MS	35.005	0.0	0.038	
I4948-01MSD	32.085	0.0	0.035	
I4948-04	-0.328	0.0	0.004	
I4955-01	0.696	0.0	0.005	
CCV2	245.513	0.0	0.238	
CCB2	-0.908	0.0	0.004	
I4955-03	0.187	0.0	0.005	
I4956-01	-0.668	0.0	0.004	
I4956-03	-0.882	0.0	0.004	
I4965-01	4.916	0.0	0.009	
PB101817BL	-0.654	0.0	0.004	
PB101817BS	96.005	0.0	0.096	
I4954-01	-0.216	0.0	0.005	
I4954-01DUP	-0.265	0.0	0.005	
I4954-01MS	32.095	0.0	0.035	
I4954-01MSD	35.482	0.0	0.038	
CCV3	242.053	0.0	0.234	
CCB3	-0.772	0.0	0.004	
I4959-01	23.226	0.0	0.027	
I4959-04	89.107	0.0	0.089	
I4964-01	-0.483	0.0	0.004	
I4968-01	3.484	0.0	0.008	
I4969-01	-1.152	0.0	0.004	
I4969-04	-0.501	0.0	0.004	
PB101818BL	-0.865	0.0	0.004	
PB101818BS	96.791	0.0	0.097	
I4970-01	3.204	0.0	0.008	
I4970-01DUP	3.405	0.0	0.008	
CCV4	244.631	0.0	0.237	
CCB4	-0.601	0.0	0.004	
I4970-01MS	41.321	0.0	0.044	
I4970-01MSD	41.287	0.0	0.044	
PB101849BL	-0.871	0.0	0.004	
PB101849BS	98.001	0.0	0.098	
LOWPB101849	8.864	0.0	0.013	
HIGHPB101849	486.039	0.0	0.466	
I4979-01	0.582	0.0	0.005	
I4979-01DUP	0.541	0.0	0.005	
I4979-01MS	7.538	0.0	0.012	
I4979-01MSD	8.552	0.0	0.013	
CCV5	250.990	0.0	0.243	
CCB5	-0.447	0.0	0.004	
I4979-02	2.847	0.0	0.007	
I4979-03	0.877	0.0	0.006	
I4979-04	-0.512	0.0	0.004	
I4979-05	-0.412	0.0	0.004	

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Test: Total CN

ug/L

Sample Id	Result	Dil. 1 +	Response	Errors
I4980-01	0.419	0.0	0.005	
I4981-01	8.246	0.0	0.013	
I4985-01	-0.051	0.0	0.005	
I4986-01	-0.490	0.0	0.004	
I4988-01	-0.712	0.0	0.004	
I4988-04	-1.107	0.0	0.004	
CCV6	251.929	0.0	0.244	
CCB6	-0.709	0.0	0.004	
I4988-07	-0.252	0.0	0.005	
I4988-10	-0.194	0.0	0.005	
I4988-13	-0.838	0.0	0.004	
LOWPB101815	9.406	0.0	0.014	
CCV7	256.388	0.0	0.248	
CCB7	-0.708	0.0	0.004	

N	69
Mean	51.821
SD	107.5637
CV%	207.57

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Aquakem v. 7.2AQ1

Results from time period:

Mon Aug 28 08:37:08 2017

Mon Aug 28 11:18:29 2017

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.6967	µg/l	8/28/2017 8:58:57	
5.0PPBCN	A	Total CN	P	4.1993	µg/l	8/28/2017 8:58:58	
10PPBCN	A	Total CN	P	8.5614	µg/l	8/28/2017 8:58:59	
50PPBCN	A	Total CN	P	49.2111	µg/l	8/28/2017 8:59:00	
100PPBCN	A	Total CN	P	101.5207	µg/l	8/28/2017 8:59:01	
250PPBCN	A	Total CN	P	254.7852	µg/l	8/28/2017 8:59:02	
500PPBCN	A	Total CN	P	497.4189	µg/l	8/28/2017 8:59:03	
ICV1	S	Total CN	P	97.6982	µg/l	8/28/2017 10:03:31	
ICB1	S	Total CN	P	-0.5013	µg/l	8/28/2017 10:03:32	
CCV1	S	Total CN	P	246.5682	µg/l	8/28/2017 10:03:33	
CCB1	S	Total CN	P	-0.7591	µg/l	8/28/2017 10:03:34	
PB101815BL	S	Total CN	P	-0.7236	µg/l	8/28/2017 10:03:35	
PB101815BS	S	Total CN	P	98.628	µg/l	8/28/2017 10:03:36	
HIGHPB101815	S	Total CN	P	489.6583	µg/l	8/28/2017 10:03:38	
I4948-01	S	Total CN	P	-0.2022	µg/l	8/28/2017 10:03:39	
I4948-01DUP	S	Total CN	P	-0.8353	µg/l	8/28/2017 10:03:40	
I4948-01MS	S	Total CN	P	35.0046	µg/l	8/28/2017 10:03:41	
I4948-01MSD	S	Total CN	P	32.0849	µg/l	8/28/2017 10:11:06	
I4948-04	S	Total CN	P	-0.3278	µg/l	8/28/2017 10:11:07	
I4955-01	S	Total CN	P	0.6959	µg/l	8/28/2017 10:11:08	
CCV2	S	Total CN	P	245.5128	µg/l	8/28/2017 10:11:09	
CCB2	S	Total CN	P	-0.9076	µg/l	8/28/2017 10:11:10	
I4955-03	S	Total CN	P	0.1867	µg/l	8/28/2017 10:11:11	
I4956-01	S	Total CN	P	-0.6681	µg/l	8/28/2017 10:11:12	
I4956-03	S	Total CN	P	-0.8819	µg/l	8/28/2017 10:11:13	
I4965-01	S	Total CN	P	4.9162	µg/l	8/28/2017 10:11:14	
PB101817BL	S	Total CN	P	-0.6541	µg/l	8/28/2017 10:11:15	
PB101817BS	S	Total CN	P	96.0047	µg/l	8/28/2017 10:11:16	
I4954-01	S	Total CN	P	-0.2156	µg/l	8/28/2017 10:18:41	
I4954-01DUP	S	Total CN	P	-0.2651	µg/l	8/28/2017 10:18:42	
I4954-01MS	S	Total CN	P	32.0953	µg/l	8/28/2017 10:18:43	
I4954-01MSD	S	Total CN	P	35.4819	µg/l	8/28/2017 10:18:44	
CCV3	S	Total CN	P	242.0534	µg/l	8/28/2017 10:18:45	
CCB3	S	Total CN	P	-0.7715	µg/l	8/28/2017 10:18:46	
I4959-01	S	Total CN	P	23.2259	µg/l	8/28/2017 10:18:47	
I4959-04	S	Total CN	P	89.1068	µg/l	8/28/2017 10:18:48	
I4964-01	S	Total CN	P	-0.4829	µg/l	8/28/2017 10:18:49	
I4968-01	S	Total CN	P	3.4838	µg/l	8/28/2017 10:18:50	
I4969-01	S	Total CN	P	-1.1518	µg/l	8/28/2017 10:18:51	
I4969-04	S	Total CN	P	-0.5008	µg/l	8/28/2017 10:26:16	
PB101818BL	S	Total CN	P	-0.8653	µg/l	8/28/2017 10:26:17	
PB101818BS	S	Total CN	P	96.791	µg/l	8/28/2017 10:26:18	

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I4970-01	S	Total CN	P	3.2035 µg/l	8/28/2017 10:26:19
I4970-01DUP	S	Total CN	P	3.4045 µg/l	8/28/2017 10:26:20
CCV4	S	Total CN	P	244.6306 µg/l	8/28/2017 10:26:21
CCB4	S	Total CN	P	-0.6006 µg/l	8/28/2017 10:26:22
I4970-01MS	S	Total CN	P	41.3205 µg/l	8/28/2017 10:26:23
I4970-01MSD	S	Total CN	P	41.2874 µg/l	8/28/2017 10:26:24
PB101849BL	S	Total CN	P	-0.8707 µg/l	8/28/2017 10:26:25
PB101849BS	S	Total CN	P	98.0006 µg/l	8/28/2017 10:26:26
LOWPB101849	S	Total CN	P	8.8639 µg/l	8/28/2017 10:33:48
HIGHPB101849	S	Total CN	P	486.0394 µg/l	8/28/2017 10:33:49
I4979-01	S	Total CN	P	0.582 µg/l	8/28/2017 10:33:50
I4979-01DUP	S	Total CN	P	0.5409 µg/l	8/28/2017 10:33:51
I4979-01MS	S	Total CN	P	7.5376 µg/l	8/28/2017 10:33:52
I4979-01MSD	S	Total CN	P	8.5518 µg/l	8/28/2017 10:33:53
CCV5	S	Total CN	P	250.9904 µg/l	8/28/2017 10:33:54
CCB5	S	Total CN	P	-0.4469 µg/l	8/28/2017 10:33:55
I4979-02	S	Total CN	P	2.8471 µg/l	8/28/2017 10:33:56
I4979-03	S	Total CN	P	0.8771 µg/l	8/28/2017 10:33:57
I4979-04	S	Total CN	P	-0.5118 µg/l	8/28/2017 10:33:58
I4979-05	S	Total CN	P	-0.4119 µg/l	8/28/2017 10:41:23
I4980-01	S	Total CN	P	0.4192 µg/l	8/28/2017 10:41:24
I4981-01	S	Total CN	P	8.2456 µg/l	8/28/2017 10:41:25
I4985-01	S	Total CN	P	-0.0508 µg/l	8/28/2017 10:41:26
I4986-01	S	Total CN	P	-0.4895 µg/l	8/28/2017 10:41:27
I4988-01	S	Total CN	P	-0.7123 µg/l	8/28/2017 10:41:28
I4988-04	S	Total CN	P	-1.1069 µg/l	8/28/2017 10:41:29
CCV6	S	Total CN	P	251.9285 µg/l	8/28/2017 10:41:30
CCB6	S	Total CN	P	-0.7095 µg/l	8/28/2017 10:41:31
I4988-07	S	Total CN	P	-0.2524 µg/l	8/28/2017 10:41:32
I4988-10	S	Total CN	P	-0.1937 µg/l	8/28/2017 10:41:33
I4988-13	S	Total CN	P	-0.8383 µg/l	8/28/2017 10:46:10
LOWPB101815	S	Total CN	P	9.4057 µg/l	8/28/2017 11:18:22
CCV7	S	Total CN	P	256.3883 µg/l	8/28/2017 11:18:28
CCB7	S	Total CN	P	-0.7082 µg/l	8/28/2017 11:18:29

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

8/28/2017 9:01

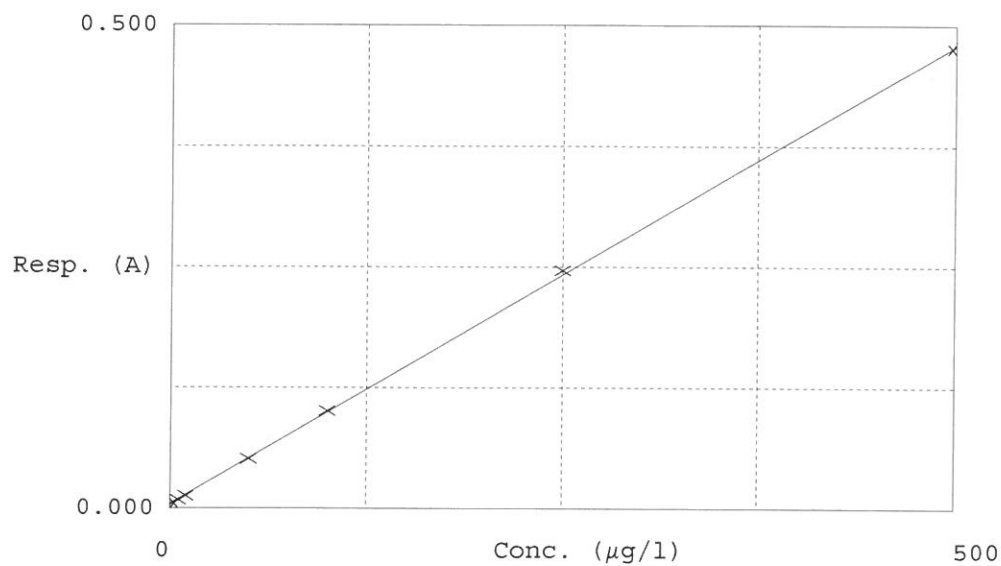
Test Total CN

Accepted 8/28/2017 9:01

Factor 1055
Bias 0.005

Coeff. of det. 0.999826

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.6967	0.0000	
2	5.0PPBCN	0.009	4.1993	5.0000	
3	10PPBCN	0.013	8.5614	10.0000	
4	50PPBCN	0.051	49.2111	50.0000	
5	100PPBCN	0.101	101.5207	100.0000	
6	250PPBCN	0.246	254.7852	250.0000	
7	500PPBCN	0.476	497.4189	500.0000	