

LB88449

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

6/29/2017 18:33

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.239	0.0	0.089	
ICB1	-0.015	0.0	0.005	
CCV1	237.624	0.0	0.218	
CCB1	0.374	0.0	0.005	
PB100250BL	0.170	0.0	0.005	
PB100250BS	97.727	0.0	0.092	
I3876-03	0.001	0.0	0.005	
I3885-02	2.250	0.0	0.007	
I3855-01	-0.501	0.0	0.004	
I3855-01DUP	-0.397	0.0	0.004	
I3855-01MS	31.927	0.0	0.033	
I3855-01MSD	32.002	0.0	0.033	
PB100275BL	-0.368	0.0	0.004	
PB100275BS	96.650	0.0	0.091	
CCV2	236.971	0.0	0.217	
CCB2	0.055	0.0	0.005	
LOWPB100275	9.424	0.0	0.013	
HIGHPB100275	486.696	0.0	0.441	
I3905-02	-0.387	0.0	0.004	
I3905-02DUP	-0.640	0.0	0.004	
I3905-02MS	31.210	0.0	0.033	
I3905-02MSD	31.126	0.0	0.033	
I3930-01	0.029	0.0	0.005	
I3930-02	1.233	0.0	0.006	
I3930-03	0.307	0.0	0.005	
I3930-04	0.336	0.0	0.005	
CCV3	236.084	0.0	0.216	
CCB3	0.645	0.0	0.005	
I3930-05	0.326	0.0	0.005	
I3930-06	-0.320	0.0	0.005	
I3930-07	0.041	0.0	0.005	
I3930-08	1.092	0.0	0.006	
I3930-09	1.988	0.0	0.007	
I3930-10	0.821	0.0	0.006	
I3930-11	0.024	0.0	0.005	
I3930-12	0.125	0.0	0.005	
I3968-01	-0.209	0.0	0.005	
I3974-01	-0.205	0.0	0.005	
CCV4	236.623	0.0	0.217	
CCB4	0.458	0.0	0.005	
I3977-01	-0.179	0.0	0.005	
PB100290BL	-0.167	0.0	0.005	
PB100290BS	96.153	0.0	0.091	
I3871-01	4.538	0.0	0.009	
I3871-02	1.818	0.0	0.006	
I3871-03	1.245	0.0	0.006	
I3871-04MS	42.262	0.0	0.043	
I3871-05MSD	44.938	0.0	0.045	
I3871-06	6.647	0.0	0.011	
I3871-07	10.586	0.0	0.014	
CCV5	237.234	0.0	0.217	
CCB5	-0.337	0.0	0.005	
I3871-08	6.750	0.0	0.011	
I3876-04	1.562	0.0	0.006	
I3876-04DUP	1.079	0.0	0.006	

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
I3876-05MS	40.993	0.0	0.042	
I3876-06MSD	40.657	0.0	0.041	
I3876-07	0.090	0.0	0.005	
I3929-01	1.933	0.0	0.007	
I3929-02	1872.601	0.0	1.682	Test limit high
I3929-03	1362.229	0.0	1.225	Test limit high
CCV6	232.408	0.0	0.213	
CCB6	0.267	0.0	0.005	
I3929-05	154.621	0.0	0.143	
I3929-06	33.965	0.0	0.035	
I3929-07	137.664	0.0	0.128	
I3929-08	203.423	0.0	0.187	
CCV7	242.068	0.0	0.222	
CCB7	0.328	0.0	0.005	
I3929-04	46.577	0.0	0.047	
I3929-02DLX10	187.785	0.0	0.173	
I3929-03DLX10	138.570	0.0	0.129	
CCV8	241.128	0.0	0.221	
CCB8	-0.241	0.0	0.005	

N	74
Mean	98.064
SD	275.2195
CV%	280.65

Aquakem v. 7.2AQ1

Results from time period:

Thu Jun 29 17:16:16 2017

Thu Jun 29 18:31:46 2017

LB88449

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Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-1.1839	µg/l	6/29/2017 9:17:18	
5.0PPBCN	A	Total CN	P	4.0162	µg/l	6/29/2017 9:17:19	
10PPBCN	A	Total CN	P	9.3158	µg/l	6/29/2017 9:17:20	
50PPBCN	A	Total CN	P	49.4518	µg/l	6/29/2017 9:17:21	
100PPBCN	A	Total CN	P	100.6333	µg/l	6/29/2017 9:17:22	
250PPBCN	A	Total CN	P	255.6302	µg/l	6/29/2017 9:17:23	
500PPBCN	A	Total CN	P	497.1366	µg/l	6/29/2017 9:17:24	
ICV1	S	Total CN	P	94.239	µg/l	6/29/2017 17:16:17	
ICB1	S	Total CN	P	-0.0152	µg/l	6/29/2017 17:16:18	
CCV1	S	Total CN	P	237.6235	µg/l	6/29/2017 17:16:21	
CCB1	S	Total CN	P	0.3736	µg/l	6/29/2017 17:16:22	
PB100250BL	S	Total CN	P	0.1699	µg/l	6/29/2017 17:16:24	
PB100250BS	S	Total CN	P	97.7269	µg/l	6/29/2017 17:16:25	
I3876-03	S	Total CN	P	0.0014	µg/l	6/29/2017 17:16:26	
I3885-02	S	Total CN	P	2.2495	µg/l	6/29/2017 17:23:51	
I3855-01	S	Total CN	P	-0.5007	µg/l	6/29/2017 17:23:52	
I3855-01DUP	S	Total CN	P	-0.3967	µg/l	6/29/2017 17:23:53	
I3855-01MS	S	Total CN	P	31.9272	µg/l	6/29/2017 17:23:54	
I3855-01MSD	S	Total CN	P	32.0019	µg/l	6/29/2017 17:23:55	
PB100275BL	S	Total CN	P	-0.3683	µg/l	6/29/2017 17:23:56	
PB100275BS	S	Total CN	P	96.6502	µg/l	6/29/2017 17:23:57	
CCV2	S	Total CN	P	236.9715	µg/l	6/29/2017 17:23:58	
CCB2	S	Total CN	P	0.0548	µg/l	6/29/2017 17:23:59	
LOWPB100275	S	Total CN	P	9.4237	µg/l	6/29/2017 17:24:00	
HIGHPB100275	S	Total CN	P	486.696	µg/l	6/29/2017 17:24:01	
I3905-02	S	Total CN	P	-0.3872	µg/l	6/29/2017 17:31:26	
I3905-02DUP	S	Total CN	P	-0.6399	µg/l	6/29/2017 17:31:27	
I3905-02MS	S	Total CN	P	31.2105	µg/l	6/29/2017 17:31:28	
I3905-02MSD	S	Total CN	P	31.1264	µg/l	6/29/2017 17:31:29	
I3930-01	S	Total CN	P	0.0285	µg/l	6/29/2017 17:31:30	
I3930-02	S	Total CN	P	1.2332	µg/l	6/29/2017 17:31:31	
I3930-03	S	Total CN	P	0.3067	µg/l	6/29/2017 17:31:32	
I3930-04	S	Total CN	P	0.3357	µg/l	6/29/2017 17:31:33	
CCV3	S	Total CN	P	236.0844	µg/l	6/29/2017 17:31:34	
CCB3	S	Total CN	P	0.6454	µg/l	6/29/2017 17:31:35	
I3930-05	S	Total CN	P	0.3263	µg/l	6/29/2017 17:31:36	
I3930-06	S	Total CN	P	-0.3197	µg/l	6/29/2017 17:39:01	
I3930-07	S	Total CN	P	0.0414	µg/l	6/29/2017 17:39:02	
I3930-08	S	Total CN	P	1.0923	µg/l	6/29/2017 17:39:03	
I3930-09	S	Total CN	P	1.9877	µg/l	6/29/2017 17:39:04	
I3930-10	S	Total CN	P	0.8205	µg/l	6/29/2017 17:39:05	
I3930-11	S	Total CN	P	0.0236	µg/l	6/29/2017 17:39:06	

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I3930-12	S	Total CN	P	0.1253 µg/l	6/29/2017 17:39:07
I3968-01	S	Total CN	P	-0.209 µg/l	6/29/2017 17:39:08
I3974-01	S	Total CN	P	-0.2048 µg/l	6/29/2017 17:39:09
CCV4	S	Total CN	P	236.6233 µg/l	6/29/2017 17:39:10
CCB4	S	Total CN	P	0.4584 µg/l	6/29/2017 17:39:11
I3977-01	S	Total CN	P	-0.1788 µg/l	6/29/2017 17:46:33
PB100290BL	S	Total CN	P	-0.1672 µg/l	6/29/2017 17:46:34
PB100290BS	S	Total CN	P	96.1531 µg/l	6/29/2017 17:46:35
I3871-01	S	Total CN	P	4.5377 µg/l	6/29/2017 17:46:36
I3871-02	S	Total CN	P	1.8179 µg/l	6/29/2017 17:46:37
I3871-03	S	Total CN	P	1.2453 µg/l	6/29/2017 17:46:38
I3871-04MS	S	Total CN	P	42.2622 µg/l	6/29/2017 17:46:39
I3871-05MSD	S	Total CN	P	44.9384 µg/l	6/29/2017 17:46:40
I3871-06	S	Total CN	P	6.6465 µg/l	6/29/2017 17:46:41
I3871-07	S	Total CN	P	10.5858 µg/l	6/29/2017 17:46:42
CCV5	S	Total CN	P	237.2341 µg/l	6/29/2017 17:46:43
CCB5	S	Total CN	P	-0.3371 µg/l	6/29/2017 17:54:08
I3871-08	S	Total CN	P	6.7503 µg/l	6/29/2017 17:54:09
I3876-04	S	Total CN	P	1.5616 µg/l	6/29/2017 17:54:10
I3876-04DUP	S	Total CN	P	1.0792 µg/l	6/29/2017 17:54:11
I3876-05MS	S	Total CN	P	40.9933 µg/l	6/29/2017 17:54:12
I3876-06MSD	S	Total CN	P	40.6574 µg/l	6/29/2017 17:54:13
I3876-07	S	Total CN	P	0.0904 µg/l	6/29/2017 17:54:14
I3929-01	S	Total CN	P	1.9332 µg/l	6/29/2017 17:54:15
I3929-02	S	Total CN	P	1872.601 µg/l	6/29/2017 17:54:16
I3929-03	S	Total CN	P	1362.23 µg/l	6/29/2017 17:54:17
CCV6	S	Total CN	P	232.4084 µg/l	6/29/2017 18:00:19
CCB6	S	Total CN	P	0.2674 µg/l	6/29/2017 18:00:20
I3929-05	S	Total CN	P	154.6214 µg/l	6/29/2017 18:00:21
I3929-06	S	Total CN	P	33.9654 µg/l	6/29/2017 18:00:22
I3929-07	S	Total CN	P	137.6636 µg/l	6/29/2017 18:00:23
I3929-08	S	Total CN	P	203.4231 µg/l	6/29/2017 18:00:24
CCV7	S	Total CN	P	242.0678 µg/l	6/29/2017 18:00:25
CCB7	S	Total CN	P	0.3277 µg/l	6/29/2017 18:00:26
I3929-04	S	Total CN	P	46.5773 µg/l	6/29/2017 18:31:42
I3929-02DLX10	S	Total CN	P	187.7853 µg/l	6/29/2017 18:31:43
I3929-03DLX10	S	Total CN	P	138.5696 µg/l	6/29/2017 18:31:44
CCV8	S	Total CN	P	241.1278 µg/l	6/29/2017 18:31:45
CCB8	S	Total CN	P	-0.2409 µg/l	6/29/2017 18:31:46

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Calibration results

Aquakem 7.2AQ1

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

6/29/2017 9:17

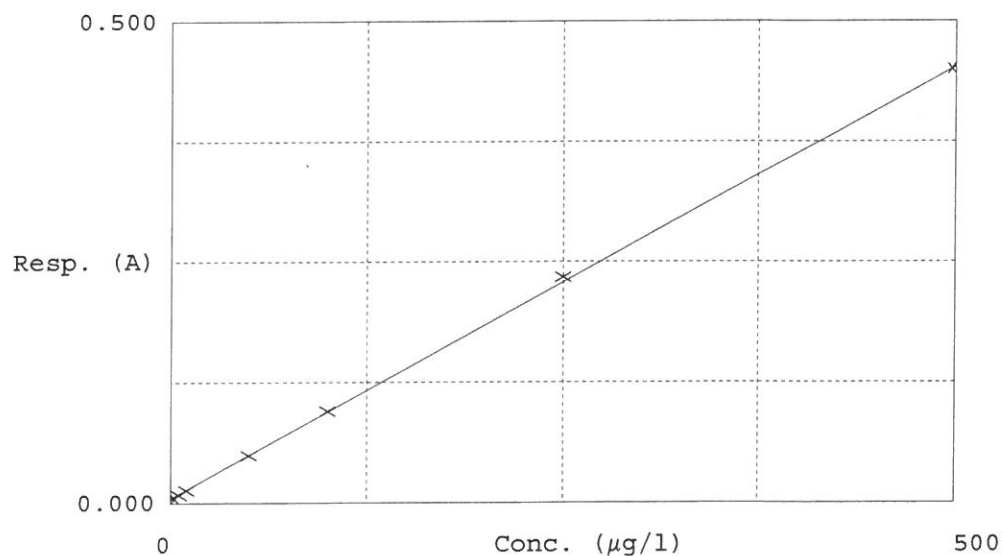
Test Total CN

Accepted 6/29/2017 9:17

Factor 1116
Bias 0.005

Coeff. of det. 0.999789

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-1.1839	0.0000	
2	5.0PPBCN	0.008	4.0162	5.0000	
3	10PPBCN	0.013	9.3158	10.0000	
4	50PPBCN	0.049	49.4518	50.0000	
5	100PPBCN	0.095	100.6333	100.0000	
6	250PPBCN	0.234	255.6302	250.0000	
7	500PPBCN	0.450	497.1366	500.0000	