

LB 89899

Test results

Aquakem 7.2AQ1

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

9/6/2017 17:22

Test: Reactive ug/L
Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.033	0.0	0.096	
ICB1	-1.681	0.0	0.004	
CCV1	248.938	0.0	0.238	
CCB1	-1.617	0.0	0.004	
PB102077BL	-0.920	0.0	0.004	
I5052-13	-1.215	0.0	0.004	
I5052-13	-1.580	0.0	0.004	
<u>I5052-13DUP</u>	-1.722	0.0	0.004	
I5052-15	-1.565	0.0	0.004	
I5052-17	-1.560	0.0	0.004	
I5052-18	-1.978	0.0	0.003	
I5053-09	-1.636	0.0	0.004	
I5053-11	-1.759	0.0	0.004	
I5053-12	-1.658	0.0	0.004	
I5071-19	-1.772	0.0	0.004	
CCV2	250.339	0.0	0.239	
CCB2	-0.978	0.0	0.004	
I5071-20	-1.433	0.0	0.004	
I5071-21	-1.794	0.0	0.004	
I5071-22	-1.601	0.0	0.004	
I5071-23	-1.861	0.0	0.004	
I5071-24	-1.472	0.0	0.004	
I5071-25	-1.915	0.0	0.003	
I5071-26	-1.712	0.0	0.004	
I5071-27	-1.485	0.0	0.004	
PB102093BL	-1.369	0.0	0.004	
I5075-03	-1.432	0.0	0.004	
CCV3	243.761	0.0	0.233	
CCB3	-0.783	0.0	0.005	
I5075-03DUP	-1.505	0.0	0.004	
I5075-06	-1.821	0.0	0.004	
I5075-09	-1.552	0.0	0.004	
I5075-12	-1.823	0.0	0.004	
I5076-03	-1.339	0.0	0.004	
I5084-03	-1.094	0.0	0.004	
I5084-04	-1.609	0.0	0.004	
I5092-03	-1.530	0.0	0.004	
I5093-03	-1.781	0.0	0.004	
I5093-06	-0.684	0.0	0.005	
CCV4	248.848	0.0	0.238	
CCB4	-1.199	0.0	0.004	
I5093-09	-1.656	0.0	0.004	
I5095-03	-1.214	0.0	0.004	
I5105-03	-1.544	0.0	0.004	
I5110-03	-1.712	0.0	0.004	
I5110-06	-1.649	0.0	0.004	
CCV5	255.179	0.0	0.244	
CCB5	-1.039	0.0	0.004	

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Test: Total CN

ug/L

Sample Id

Result

Dil. 1 + Response

0.00

N	48
Mean	26.684
SD	78.0666
CV%	292.56

AK

Aquakem v. 7.2AQ1

Results from time period:

Wed Sep 06 16:40:47 2017

Wed Sep 06 17:10:16 2017

Sample Id	Sam/Ctr/c/	Test short name	Test type	Result	Result unit	Result date and time
0.0PPBCN	A	Reactive CN	P	-1.4192	µg/l	9/6/2017 11:05:39
5.0PPBCN	A	Reactive CN	P	3.5541	µg/l	9/6/2017 11:05:40
10PPBCN	A	Reactive CN	P	8.9329	µg/l	9/6/2017 11:05:41
50PPBCN	A	Reactive CN	P	49.5794	µg/l	9/6/2017 11:05:42
100PPBCN	A	Reactive CN	P	101.6948	µg/l	9/6/2017 11:05:43
250PPBCN	A	Reactive CN	P	255.8381	µg/l	9/6/2017 11:05:44
500PPBCN	A	Reactive CN	P	496.8199	µg/l	9/6/2017 11:05:45
ICV1	S	Reactive CN	P	97.0325	µg/l	9/6/2017 16:40:48
ICB1	S	Reactive CN	P	-1.6814	µg/l	9/6/2017 16:40:49
CCV1	S	Reactive CN	P	248.9382	µg/l	9/6/2017 16:40:52
CCB1	S	Reactive CN	P	-1.6168	µg/l	9/6/2017 16:40:53
PB102077BL	S	Reactive CN	P	-0.9205	µg/l	9/6/2017 16:40:55
I5052-13	S	Reactive CN	P	-1.58	µg/l	9/6/2017 16:48:22
I5052-13DUP	S	Reactive CN	P	-1.7216	µg/l	9/6/2017 16:48:23
I5052-15	S	Reactive CN	P	-1.5653	µg/l	9/6/2017 16:48:24
I5052-17	S	Reactive CN	P	-1.5597	µg/l	9/6/2017 16:48:25
I5052-18	S	Reactive CN	P	-1.9776	µg/l	9/6/2017 16:48:26
I5053-09	S	Reactive CN	P	-1.6364	µg/l	9/6/2017 16:48:27
I5053-11	S	Reactive CN	P	-1.7589	µg/l	9/6/2017 16:48:28
I5053-12	S	Reactive CN	P	-1.658	µg/l	9/6/2017 16:48:29
I5071-19	S	Reactive CN	P	-1.7715	µg/l	9/6/2017 16:48:30
CCV2	S	Reactive CN	P	250.3389	µg/l	9/6/2017 16:48:31
CCB2	S	Reactive CN	P	-0.9776	µg/l	9/6/2017 16:48:32
I5071-20	S	Reactive CN	P	-1.4334	µg/l	9/6/2017 16:55:57
I5071-21	S	Reactive CN	P	-1.7942	µg/l	9/6/2017 16:55:58
I5071-22	S	Reactive CN	P	-1.6008	µg/l	9/6/2017 16:55:59
I5071-23	S	Reactive CN	P	-1.8611	µg/l	9/6/2017 16:56:00
I5071-24	S	Reactive CN	P	-1.4718	µg/l	9/6/2017 16:56:01
I5071-25	S	Reactive CN	P	-1.9145	µg/l	9/6/2017 16:56:02
I5071-26	S	Reactive CN	P	-1.7121	µg/l	9/6/2017 16:56:03
I5071-27	S	Reactive CN	P	-1.4854	µg/l	9/6/2017 16:56:04
PB102093BL	S	Reactive CN	P	-1.3692	µg/l	9/6/2017 16:56:05
I5075-03	S	Reactive CN	P	-1.4315	µg/l	9/6/2017 16:56:06
CCV3	S	Reactive CN	P	243.7614	µg/l	9/6/2017 16:56:07
CCB3	S	Reactive CN	P	-0.7827	µg/l	9/6/2017 17:03:29
I5075-03DUP	S	Reactive CN	P	-1.5053	µg/l	9/6/2017 17:03:30
I5075-06	S	Reactive CN	P	-1.8213	µg/l	9/6/2017 17:03:31
I5075-09	S	Reactive CN	P	-1.5518	µg/l	9/6/2017 17:03:32
I5075-12	S	Reactive CN	P	-1.8231	µg/l	9/6/2017 17:03:33
I5076-03	S	Reactive CN	P	-1.3393	µg/l	9/6/2017 17:03:34
I5084-03	S	Reactive CN	P	-1.0938	µg/l	9/6/2017 17:03:35
I5084-04	S	Reactive CN	P	-1.6088	µg/l	9/6/2017 17:03:36

AK

I5092-03	S	Reactive CN	P	-1.5296 µg/l	9/6/2017 17:03:37
I5093-03	S	Reactive CN	P	-1.7815 µg/l	9/6/2017 17:03:38
I5093-06	S	Reactive CN	P	-0.6836 µg/l	9/6/2017 17:03:39
CCV4	S	Reactive CN	P	248.848 µg/l	9/6/2017 17:10:08
CCB4	S	Reactive CN	P	-1.1993 µg/l	9/6/2017 17:10:09
I5093-09	S	Reactive CN	P	-1.6558 µg/l	9/6/2017 17:10:10
I5095-03	S	Reactive CN	P	-1.2144 µg/l	9/6/2017 17:10:11
I5105-03	S	Reactive CN	P	-1.544 µg/l	9/6/2017 17:10:12
I5110-03	S	Reactive CN	P	-1.7117 µg/l	9/6/2017 17:10:13
I5110-06	S	Reactive CN	P	-1.6494 µg/l	9/6/2017 17:10:14
CCV5	S	Reactive CN	P	255.1791 µg/l	9/6/2017 17:10:15
CCB5	S	Reactive CN	P	-1.0394 µg/l	9/6/2017 17:10:16

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Calibration results

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284 Sheffield Street,
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9/6/2017 11:09

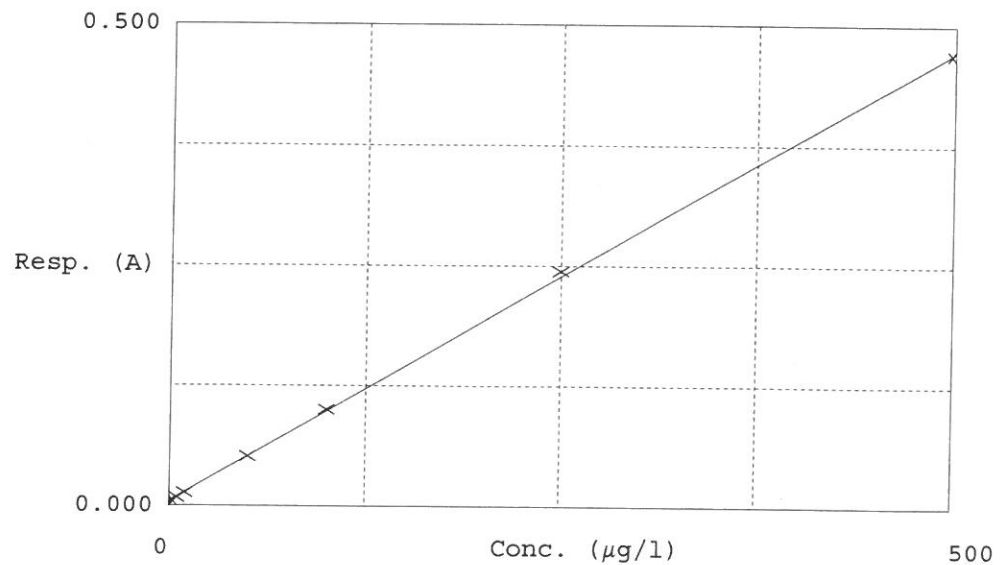
Test Total CN

Accepted 9/6/2017 11:09

Factor 1070
Bias 0.005

Coeff. of det. 0.999745

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-1.4192	0.0000	
2	5.0PPBCN	0.009	3.5541	5.0000	
3	10PPBCN	0.014	8.9329	10.0000	
4	50PPBCN	0.052	49.5794	50.0000	
5	100PPBCN	0.100	101.6948	100.0000	
6	250PPBCN	0.244	255.8381	250.0000	
7	500PPBCN	0.470	496.8199	500.0000	