

LB98778

Test results

Aquakem 7.2AQ1

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

10/22/2018 17:29

Test: Total CN WHL

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.142	0.0	0.090	
ICB1	0.785	0.0	0.004	
CCV1	245.640	0.0	0.226	
CCB1	0.721	0.0	0.004	
PB114062BL	0.720	0.0	0.004	
PB114062BS	97.611	0.0	0.092	
LOWPB114062	10.594	0.0	0.013	
HIGHPB114062	500.419	0.0	0.457	Test limit high
J5197-03	1.466	0.0	0.005	
J5197-03DUP	0.932	0.0	0.004	
J5197-03MS	24.961	0.0	0.026	
J5197-03MSD	21.305	0.0	0.022	
CCV2	247.120	0.0	0.227	
CCB2	0.864	0.0	0.004	
J5605-01	8.580	0.0	0.011	
J5605-07	2.074	0.0	0.005	
J5606-01	0.498	0.0	0.004	
PB114063BL	0.418	0.0	0.004	
PB114063BS	97.699	0.0	0.092	
J5604-05	796.447	0.0	0.725	Test limit high
J5604-05DUP	803.726	0.0	0.731	Test limit high
J5604-08	3.382	0.0	0.006	
CCV3	249.614	0.0	0.229	
CCB3	3.256	0.0	0.006	
J5565-08	4.645	0.0	0.007	
J5569-01	1.352	0.0	0.004	
J5569-02	1.113	0.0	0.004	
J5569-05	42.231	0.0	0.041	
CCV4	267.918	0.0	0.246	
CCB4	2.066	0.0	0.005	
J5538-10DLX1000	254.090	0.0	0.233	
J5538-13DLX1000	1513.715	0.0	1.375	Test limit high
CCV5	256.719	0.0	0.236	
CCB5	0.590	0.0	0.004	
J5538-13DL2X5000	301.192	0.0	0.276	
CCV6	245.185	0.0	0.225	
CCB6	0.093	0.0	0.003	
J5573-04	0.055	0.0	0.003	
J5604-05DLX5	417.349	0.0	0.381	
CCV6 CCV7	263.952	0.0	0.242	
CCB6 CCB7	0.229	0.0	0.003	
J5604-01	104.241	0.0	0.098	
J5604-03	334.386	0.0	0.306	
J5604-05MS	996.985	0.0	0.906	Test limit high
J5604-05MSD	995.768	0.0	0.905	Test limit high
CCV6 CCV8	259.924	0.0	0.239	
CCB6 CCB8	0.605	0.0	0.004	

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10/22/2018 17:29

Test: Total CN

Sample Id Result *vg/L* Dil. 1 + Response $\hat{\sigma}$ „

N	47
Mean	201.689
SD	326.3105
CV%	161.79

Aquakem v. 7.2AQ1

Results from time period:

Mon Oct 22 13:56:49 2018

Mon Oct 22 17:03:41 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPBCN	A	Total CN	P	0.0828	µg/l	10/22/2018 10:30:09
5.0PPBCN	A	Total CN	P	5.0241	µg/l	10/22/2018 10:30:10
10PPBCN	A	Total CN	P	10.1336	µg/l	10/22/2018 10:30:11
50PPBCN	A	Total CN	P	48.7767	µg/l	10/22/2018 10:30:12
100PPBCN	A	Total CN	P	98.1559	µg/l	10/22/2018 10:30:13
250PPBCN	A	Total CN	P	254.6774	µg/l	10/22/2018 10:30:14
500PPBCN	A	Total CN	P	498.1496	µg/l	10/22/2018 10:30:15
ICV1	S	Total CN	P	96.1421	µg/l	10/22/2018 13:56:49
ICB1	S	Total CN	P	0.7851	µg/l	10/22/2018 13:56:50
CCV1	S	Total CN	P	245.6402	µg/l	10/22/2018 13:56:51
CCB1	S	Total CN	P	0.721	µg/l	10/22/2018 13:56:52
PB114062BL	S	Total CN	P	0.7203	µg/l	10/22/2018 13:56:53
PB114062BS	S	Total CN	P	97.6105	µg/l	10/22/2018 13:56:54
LOWPB114062	S	Total CN	P	10.5941	µg/l	10/22/2018 13:56:55
HIGHPB114062	S	Total CN	P	500.4195	µg/l	10/22/2018 13:56:56
J5197-03	S	Total CN	P	1.4664	µg/l	10/22/2018 13:56:57
J5197-03DUP	S	Total CN	P	0.932	µg/l	10/22/2018 13:56:58
J5197-03MS	S	Total CN	P	24.9615	µg/l	10/22/2018 13:56:59
J5197-03MSD	S	Total CN	P	21.3049	µg/l	10/22/2018 14:04:25
CCV2	S	Total CN	P	247.1198	µg/l	10/22/2018 14:04:28
CCB2	S	Total CN	P	0.8643	µg/l	10/22/2018 14:04:29
J5605-01	S	Total CN	P	8.5799	µg/l	10/22/2018 14:04:30
J5605-07	S	Total CN	P	2.0735	µg/l	10/22/2018 14:04:31
J5606-01	S	Total CN	P	0.498	µg/l	10/22/2018 14:04:32
PB114063BL	S	Total CN	P	0.418	µg/l	10/22/2018 14:04:33
PB114063BS	S	Total CN	P	97.6994	µg/l	10/22/2018 14:04:34
J5604-05	S	Total CN	P	796.4466	µg/l	10/22/2018 14:04:35
J5604-05DUP	S	Total CN	P	803.7263	µg/l	10/22/2018 14:11:57
J5604-08	S	Total CN	P	3.3823	µg/l	10/22/2018 14:12:00
CCV3	S	Total CN	P	249.6142	µg/l	10/22/2018 14:12:01
CCB3	S	Total CN	P	3.2557	µg/l	10/22/2018 14:12:02
J5565-08	S	Total CN	P	4.6447	µg/l	10/22/2018 14:12:04
J5569-01	S	Total CN	P	1.3519	µg/l	10/22/2018 14:12:05
J5569-02	S	Total CN	P	1.1128	µg/l	10/22/2018 14:12:06
J5569-05	S	Total CN	P	42.2311	µg/l	10/22/2018 14:12:07
CCV4	S	Total CN	P	267.9178	µg/l	10/22/2018 14:17:14
CCB4	S	Total CN	P	2.0656	µg/l	10/22/2018 14:17:15
J5538-10DLX1000	S	Total CN	P	254.0903	µg/l	10/22/2018 14:51:19
J5538-13DLX1000	S	Total CN	P	1513.715	µg/l	10/22/2018 14:51:20
CCV5	S	Total CN	P	256.7186	µg/l	10/22/2018 14:51:21
CCB5	S	Total CN	P	0.59	µg/l	10/22/2018 14:51:22
J5538-13DL2X5000	S	Total CN	P	301.192	µg/l	10/22/2018 15:29:35

CCV6	S	Total CN	P	245.1849 µg/l	10/22/2018 15:29:41
CCB6	S	Total CN	P	0.0929 µg/l	10/22/2018 15:32:55
J5573-04	S	Total CN	P	0.0547 µg/l	10/22/2018 15:54:36
J5604-05DLX5	S	Total CN	P	417.3488 µg/l	10/22/2018 15:54:37
CCV7	S	Total CN	P	263.9519 µg/l	10/22/2018 15:54:38
CCB7	S	Total CN	P	0.2288 µg/l	10/22/2018 15:54:39
J5604-01	S	Total CN	P	104.241 µg/l	10/22/2018 17:03:33
J5604-03	S	Total CN	P	334.3864 µg/l	10/22/2018 17:03:34
J5604-05MS	S	Total CN	P	996.9852 µg/l	10/22/2018 17:03:37
J5604-05MSD	S	Total CN	P	995.7677 µg/l	10/22/2018 17:03:38
CCV8	S	Total CN	P	259.9244 µg/l	10/22/2018 17:03:40
CCB8	S	Total CN	P	0.6052 µg/l	10/22/2018 17:03:41

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10/22/2018 10:36

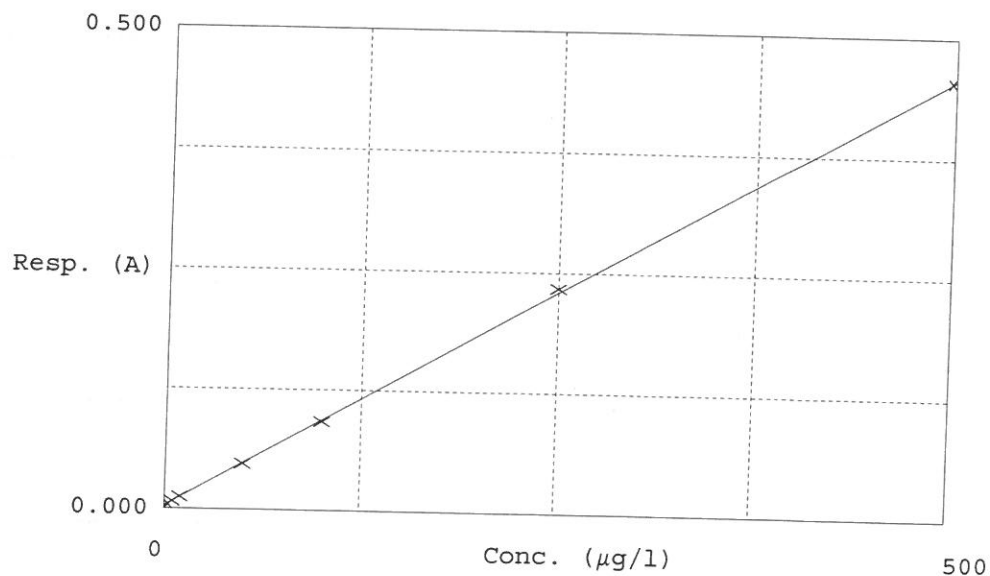
Test Total CN

Accepted 10/22/2018 10:36

Factor 1104
Bias 0.003

Coeff. of det. 0.999853

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	0.0828	0.0000	
2	5.0PPBCN	0.008	5.0241	5.0000	
3	10PPBCN	0.012	10.1336	10.0000	
4	50PPBCN	0.047	48.7767	50.0000	
5	100PPBCN	0.092	98.1559	100.0000	
6	250PPBCN	0.234	254.6774	250.0000	
7	500PPBCN	0.454	498.1496	500.0000	