

LB/00819

Test results

Aquakem 7.2AQ1

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

2/13/2019 14:38

Test: Reactive Total CN

Sample Id	Result <i>Mg/L</i>	Dil. 1 +	Response	Errors
ICV1	96.702	0.0	0.088	
ICB1	0.687	0.0	0.004	
CCV1	244.059	0.0	0.216	
CCB1	0.416	0.0	0.004	
PB117050BL	0.418	0.0	0.004	
K1343-02	0.442	0.0	0.004	
K1343-02DUP	0.351	0.0	0.004	
K1343-04	0.418	0.0	0.004	
K1343-06	0.342	0.0	0.004	
K1343-08	0.459	0.0	0.004	
K1343-10	0.381	0.0	0.004	
K1343-12	0.157	0.0	0.004	
K1343-14	0.240	0.0	0.004	
K1343-16	0.363	0.0	0.004	
CCV2	246.106	0.0	0.218	
CCB2	0.439	0.0	0.004	
K1343-18	0.465	0.0	0.004	
K1343-20	0.348	0.0	0.004	
K1343-22	0.382	0.0	0.004	
K1343-24	0.437	0.0	0.004	
K1343-26	0.342	0.0	0.004	
K1343-28	0.374	0.0	0.004	
K1343-30	0.334	0.0	0.004	
K1343-32	0.253	0.0	0.004	
PB117051BL	0.300	0.0	0.004	
K1345-02	0.843	0.0	0.004	
CCV3	245.262	0.0	0.217	
CCB3	0.567	0.0	0.004	
K1345-02DUP	0.717	0.0	0.004	
K1458-02	0.483	0.0	0.004	
K1458-07	0.424	0.0	0.004	
K1458-10	0.663	0.0	0.004	
K1459-04	0.450	0.0	0.004	
K1459-08	0.405	0.0	0.004	
K1459-12	0.365	0.0	0.004	
K1461-04	0.238	0.0	0.004	
K1461-08	0.479	0.0	0.004	
K1462-04	0.377	0.0	0.004	
CCV4	245.784	0.0	0.217	
CCB4	0.350	0.0	0.004	
K1462-08	0.634	0.0	0.004	
K1462-12	0.525	0.0	0.004	
K1462-16	0.584	0.0	0.004	
K1462-20	0.476	0.0	0.004	
K1462-24	0.138	0.0	0.004	
PB117052BL	0.267	0.0	0.004	
K1460-09	0.313	0.0	0.004	
K1460-09DUP	0.231	0.0	0.004	
K1461-10	0.469	0.0	0.004	
CCV5	253.942	0.0	0.224	
CCB5	0.213	0.0	0.004	

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Test results

Aquakem 7.2AQ1

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Test: *Reactive* ~~Total~~ CN

Sample Id

Mgld
Result

Dil. 1 + Response

0.00

N 51
Mean 26.479
SD 74.6707
CV% 282.00

Aquakem v. 7.2AQ1

Results from time period:

Wed Feb 13 14:02:53 2019

Wed Feb 13 14:31:24 2019

Sample Id	Sam/Ctr/c	Test short nam	Test type	Result	Result unit	Result date and time
0.OPPBCN	A	Reactive CN	P	-0.4101	µg/l	2/13/2019 9:08:21
5.OPPBCN	A	Reactive CN	P	4.6629	µg/l	2/13/2019 9:08:22
10PPBCN	A	Reactive CN	P	9.6194	µg/l	2/13/2019 9:08:23
50PPBCN	A	Reactive CN	P	50.4281	µg/l	2/13/2019 9:08:24
100PPBCN	A	Reactive CN	P	99.2506	µg/l	2/13/2019 9:08:25
250PPBCN	A	Reactive CN	P	252.662	µg/l	2/13/2019 9:08:26
500PPBCN	A	Reactive CN	P	498.787	µg/l	2/13/2019 9:08:27
ICV1	S	Reactive CN	P	96.7023	µg/l	2/13/2019 14:02:53
ICB1	S	Reactive CN	P	0.6874	µg/l	2/13/2019 14:02:54
CCV1	S	Reactive CN	P	244.0591	µg/l	2/13/2019 14:02:55
CCB1	S	Reactive CN	P	0.4162	µg/l	2/13/2019 14:02:56
PB117050BL	S	Reactive CN	P	0.4178	µg/l	2/13/2019 14:02:57
K1343-02	S	Reactive CN	P	0.4423	µg/l	2/13/2019 14:02:58
K1343-02DUP	S	Reactive CN	P	0.3509	µg/l	2/13/2019 14:02:59
K1343-04	S	Reactive CN	P	0.4178	µg/l	2/13/2019 14:03:00
K1343-06	S	Reactive CN	P	0.3423	µg/l	2/13/2019 14:03:01
K1343-08	S	Reactive CN	P	0.4592	µg/l	2/13/2019 14:03:02
K1343-10	S	Reactive CN	P	0.3809	µg/l	2/13/2019 14:03:03
K1343-12	S	Reactive CN	P	0.1573	µg/l	2/13/2019 14:10:28
K1343-14	S	Reactive CN	P	0.2399	µg/l	2/13/2019 14:10:29
K1343-16	S	Reactive CN	P	0.3634	µg/l	2/13/2019 14:10:30
CCV2	S	Reactive CN	P	246.1059	µg/l	2/13/2019 14:10:31
CCB2	S	Reactive CN	P	0.4389	µg/l	2/13/2019 14:10:32
K1343-18	S	Reactive CN	P	0.4648	µg/l	2/13/2019 14:10:33
K1343-20	S	Reactive CN	P	0.3477	µg/l	2/13/2019 14:10:34
K1343-22	S	Reactive CN	P	0.3819	µg/l	2/13/2019 14:10:35
K1343-24	S	Reactive CN	P	0.4365	µg/l	2/13/2019 14:10:36
K1343-26	S	Reactive CN	P	0.3422	µg/l	2/13/2019 14:10:37
K1343-28	S	Reactive CN	P	0.3735	µg/l	2/13/2019 14:10:38
K1343-30	S	Reactive CN	P	0.3341	µg/l	2/13/2019 14:18:02
K1343-32	S	Reactive CN	P	0.2525	µg/l	2/13/2019 14:18:03
PB117051BL	S	Reactive CN	P	0.3003	µg/l	2/13/2019 14:18:04
K1345-02	S	Reactive CN	P	0.8426	µg/l	2/13/2019 14:18:05
CCV3	S	Reactive CN	P	245.2624	µg/l	2/13/2019 14:18:06
CCB3	S	Reactive CN	P	0.5669	µg/l	2/13/2019 14:18:07
K1345-02DUP	S	Reactive CN	P	0.7173	µg/l	2/13/2019 14:18:08
K1458-02	S	Reactive CN	P	0.4829	µg/l	2/13/2019 14:18:09
K1458-07	S	Reactive CN	P	0.4235	µg/l	2/13/2019 14:18:10
K1458-10	S	Reactive CN	P	0.6633	µg/l	2/13/2019 14:18:11
K1459-04	S	Reactive CN	P	0.4497	µg/l	2/13/2019 14:18:12
K1459-08	S	Reactive CN	P	0.4046	µg/l	2/13/2019 14:25:35
K1459-12	S	Reactive CN	P	0.3654	µg/l	2/13/2019 14:25:36

AS

K1461-04	S	Reactive CN	P	0.238 µg/l	2/13/2019 14:25:37
K1461-08	S	Reactive CN	P	0.4792 µg/l	2/13/2019 14:25:38
K1462-04	S	Reactive CN	P	0.3767 µg/l	2/13/2019 14:25:39
CCV4	S	Reactive CN	P	245.7836 µg/l	2/13/2019 14:25:40
CCB4	S	Reactive CN	P	0.3495 µg/l	2/13/2019 14:25:41
K1462-08	S	Reactive CN	P	0.6345 µg/l	2/13/2019 14:25:42
K1462-12	S	Reactive CN	P	0.5252 µg/l	2/13/2019 14:25:43
K1462-16	S	Reactive CN	P	0.5839 µg/l	2/13/2019 14:25:44
K1462-20	S	Reactive CN	P	0.4764 µg/l	2/13/2019 14:25:45
K1462-24	S	Reactive CN	P	0.1378 µg/l	2/13/2019 14:31:18
PB117052BL	S	Reactive CN	P	0.2665 µg/l	2/13/2019 14:31:19
K1460-09	S	Reactive CN	P	0.3128 µg/l	2/13/2019 14:31:20
K1460-09DUP	S	Reactive CN	P	0.2314 µg/l	2/13/2019 14:31:21
K1461-10	S	Reactive CN	P	0.4692 µg/l	2/13/2019 14:31:22
CCV5	S	Reactive CN	P	253.9418 µg/l	2/13/2019 14:31:23
CCB5	S	Reactive CN	P	0.2126 µg/l	2/13/2019 14:31:24

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2/13/2019 9:10

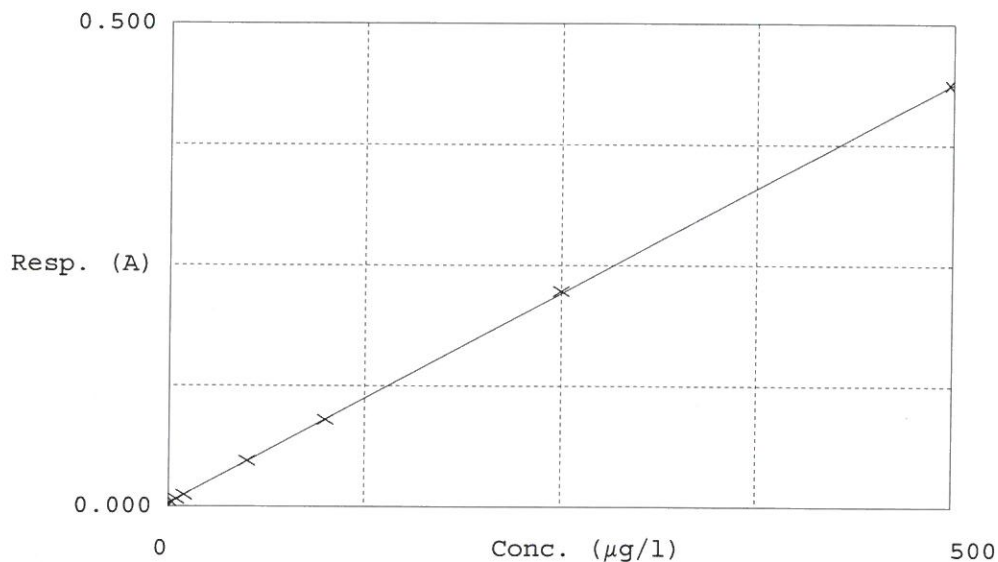
Test Total CN

Accepted 2/13/2019 9:10

Factor 1151
Bias 0.004

Coeff. of det. 0.999953

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.4101	0.0000	
2	5.0PPBCN	0.008	4.6629	5.0000	
3	10PPBCN	0.012	9.6194	10.0000	
4	50PPBCN	0.048	50.4281	50.0000	
5	100PPBCN	0.090	99.2506	100.0000	
6	250PPBCN	0.223	252.6620	250.0000	
7	500PPBCN	0.437	498.7870	500.0000	