

LB 82436

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

6/29/2017 13:14

Test: Reactive
Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	93.101	0.0	0.088	
ICB1	-0.046	0.0	0.005	
CCV1	238.496	0.0	0.218	
CCB1	-0.417	0.0	0.004	
PB100231BL	-0.618	0.0	0.004	
I3882-15	-0.483	0.0	0.004	
I3882-16	-0.140	0.0	0.005	
I3882-17	-0.434	0.0	0.004	
I3882-18	-0.442	0.0	0.004	
I3882-19	-0.412	0.0	0.004	
I3882-20	-0.122	0.0	0.005	
I3882-21	-1.012	0.0	0.004	
I3882-22	-0.466	0.0	0.004	
I3882-23	-0.437	0.0	0.004	
CCV2	239.443	0.0	0.219	
CCB2	-0.325	0.0	0.005	
I3882-24	-0.595	0.0	0.004	
I3882-25	-0.276	0.0	0.005	
I3882-26	-0.606	0.0	0.004	
I3882-27	-0.415	0.0	0.004	
I3882-28	-0.495	0.0	0.004	
I3935-03	-0.626	0.0	0.004	
I3949-05	-0.642	0.0	0.004	
I3949-11	-0.466	0.0	0.004	
I3952-05	-0.595	0.0	0.004	
PB100246BL	-0.348	0.0	0.005	
CCV3	233.690	0.0	0.214	
CCB3	-0.235	0.0	0.005	
I3883-17	-0.287	0.0	0.005	
I3883-17DUP	-0.146	0.0	0.005	
I3882-15DUP	-0.138	0.0	0.005	
I3883-18	-0.149	0.0	0.005	
I3883-19	-0.791	0.0	0.004	
I3883-20	-0.375	0.0	0.004	
I3883-21	-0.573	0.0	0.004	
I3883-22	-0.611	0.0	0.004	
I3883-23	-0.116	0.0	0.005	
I3883-24	0.252	0.0	0.005	
CCV4	235.262	0.0	0.216	
CCB4	-0.139	0.0	0.005	
I3883-25	-0.298	0.0	0.005	
I3883-26	-0.166	0.0	0.005	
I3883-27	0.145	0.0	0.005	
I3883-28	-0.319	0.0	0.005	
I3883-29	-0.624	0.0	0.004	
I3883-30	-0.302	0.0	0.005	
I3883-31	-0.554	0.0	0.004	
I3883-32	-0.781	0.0	0.004	
I3947-02	0.202	0.0	0.005	
I3956-05	0.030	0.0	0.005	
CCV5	236.945	0.0	0.217	
CCB5	0.518	0.0	0.005	
PB100277BL	-0.389	0.0	0.004	
I3908-13	-0.331	0.0	0.005	
I3908-13DUP	-0.237	0.0	0.005	

Test results

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284 Sheffield Street,
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6/29/2017 13:14

Test: ~~Total~~ ^{reactive} CN

Sample Id	Result	Dil. 1 +	Response	Errors
I3908-14	-0.610	0.0	0.004	
I3908-15	-0.125	0.0	0.005	
I3908-16	-0.526	0.0	0.004	
I3908-17	-0.614	0.0	0.004	
I3908-18	-0.112	0.0	0.005	
I3908-19	-0.319	0.0	0.005	
I3908-20	0.309	0.0	0.005	
CCV6	238.277	0.0	0.218	
CCB6	0.043	0.0	0.005	
I3908-21	0.012	0.0	0.005	
I3908-22	-0.666	0.0	0.004	
I3908-23	-0.791	0.0	0.004	
I3908-24	-0.475	0.0	0.004	
I3974-03	-0.772	0.0	0.004	
I3977-03	-0.024	0.0	0.005	
CCV7	244.303	0.0	0.224	
CCB7	0.196	0.0	0.005	

N	72
Mean	24.142
SD	71.5515
CV%	296.38

AK

I3883-22	S	Reactive CN	P	-0.6109 µg/l	6/29/2017 12:53:00
I3883-23	S	Reactive CN	P	-0.1159 µg/l	6/29/2017 12:53:01
I3883-24	S	Reactive CN	P	0.2522 µg/l	6/29/2017 12:53:02
CCV4	S	Reactive CN	P	235.2624 µg/l	6/29/2017 12:53:03
CCB4	S	Reactive CN	P	-0.139 µg/l	6/29/2017 12:53:04
I3883-25	S	Reactive CN	P	-0.2975 µg/l	6/29/2017 12:53:05
I3883-26	S	Reactive CN	P	-0.1655 µg/l	6/29/2017 12:53:06
I3883-27	S	Reactive CN	P	0.145 µg/l	6/29/2017 12:53:07
I3883-28	S	Reactive CN	P	-0.3195 µg/l	6/29/2017 12:53:08
I3883-29	S	Reactive CN	P	-0.624 µg/l	6/29/2017 13:00:30
I3883-30	S	Reactive CN	P	-0.3024 µg/l	6/29/2017 13:00:31
I3883-31	S	Reactive CN	P	-0.5544 µg/l	6/29/2017 13:00:32
I3883-32	S	Reactive CN	P	-0.7814 µg/l	6/29/2017 13:00:33
I3947-02	S	Reactive CN	P	0.2018 µg/l	6/29/2017 13:00:34
I3956-05	S	Reactive CN	P	0.0301 µg/l	6/29/2017 13:00:35
CCV5	S	Reactive CN	P	236.9453 µg/l	6/29/2017 13:00:36
CCB5	S	Reactive CN	P	0.5181 µg/l	6/29/2017 13:00:37
PB100277BL	S	Reactive CN	P	-0.3891 µg/l	6/29/2017 13:00:38
I3908-13	S	Reactive CN	P	-0.3314 µg/l	6/29/2017 13:00:39
I3908-13DUP	S	Reactive CN	P	-0.237 µg/l	6/29/2017 13:00:40
I3908-14	S	Reactive CN	P	-0.6102 µg/l	6/29/2017 13:08:05
I3908-15	S	Reactive CN	P	-0.1251 µg/l	6/29/2017 13:08:06
I3908-16	S	Reactive CN	P	-0.5264 µg/l	6/29/2017 13:08:07
I3908-17	S	Reactive CN	P	-0.6143 µg/l	6/29/2017 13:08:08
I3908-18	S	Reactive CN	P	-0.1122 µg/l	6/29/2017 13:08:09
I3908-19	S	Reactive CN	P	-0.3191 µg/l	6/29/2017 13:08:10
I3908-20	S	Reactive CN	P	0.3087 µg/l	6/29/2017 13:08:11
CCV6	S	Reactive CN	P	238.2773 µg/l	6/29/2017 13:08:12
CCB6	S	Reactive CN	P	0.0427 µg/l	6/29/2017 13:08:13
I3908-21	S	Reactive CN	P	0.0116 µg/l	6/29/2017 13:08:14
I3908-22	S	Reactive CN	P	-0.6658 µg/l	6/29/2017 13:08:15
I3908-23	S	Reactive CN	P	-0.7906 µg/l	6/29/2017 13:13:20
I3908-24	S	Reactive CN	P	-0.4746 µg/l	6/29/2017 13:13:21
I3974-03	S	Reactive CN	P	-0.7719 µg/l	6/29/2017 13:13:22
I3977-03	S	Reactive CN	P	-0.0244 µg/l	6/29/2017 13:13:23
CCV7	S	Reactive CN	P	244.3025 µg/l	6/29/2017 13:13:24
CCB7	S	Reactive CN	P	0.1963 µg/l	6/29/2017 13:13:25

AK

Aquakem v. 7.2AQ1

Results from time period:

Thu Jun 29 12:30:13 2017

Thu Jun 29 13:13:25 2017

Sample Id	Sam/Ctr/c/	Test short nan	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Reactive CN	P	-1.1839	µg/l	6/29/2017 9:17:18	
5.0PPBCN	A	Reactive CN	P	4.0162	µg/l	6/29/2017 9:17:19	
10PPBCN	A	Reactive CN	P	9.3158	µg/l	6/29/2017 9:17:20	
50PPBCN	A	Reactive CN	P	49.4518	µg/l	6/29/2017 9:17:21	
100PPBCN	A	Reactive CN	P	100.6333	µg/l	6/29/2017 9:17:22	
250PPBCN	A	Reactive CN	P	255.6302	µg/l	6/29/2017 9:17:23	
500PPBCN	A	Reactive CN	P	497.1366	µg/l	6/29/2017 9:17:24	
ICV1	S	Reactive CN	P	93.1012	µg/l	6/29/2017 12:30:13	
ICB1	S	Reactive CN	P	-0.0458	µg/l	6/29/2017 12:30:14	
CCV1	S	Reactive CN	P	238.4956	µg/l	6/29/2017 12:30:15	
CCB1	S	Reactive CN	P	-0.4166	µg/l	6/29/2017 12:30:16	
PB100231BL	S	Reactive CN	P	-0.618	µg/l	6/29/2017 12:30:17	
I3882-15	S	Reactive CN	P	-0.4833	µg/l	6/29/2017 12:30:18	
I3882-16	S	Reactive CN	P	-0.1399	µg/l	6/29/2017 12:30:19	
I3882-17	S	Reactive CN	P	-0.4339	µg/l	6/29/2017 12:30:20	
I3882-18	S	Reactive CN	P	-0.4417	µg/l	6/29/2017 12:30:21	
I3882-19	S	Reactive CN	P	-0.4123	µg/l	6/29/2017 12:30:22	
I3882-20	S	Reactive CN	P	-0.1224	µg/l	6/29/2017 12:30:23	
I3882-21	S	Reactive CN	P	-1.0122	µg/l	6/29/2017 12:37:48	
I3882-22	S	Reactive CN	P	-0.4663	µg/l	6/29/2017 12:37:49	
I3882-23	S	Reactive CN	P	-0.4374	µg/l	6/29/2017 12:37:50	
CCV2	S	Reactive CN	P	239.4431	µg/l	6/29/2017 12:37:51	
CCB2	S	Reactive CN	P	-0.3254	µg/l	6/29/2017 12:37:52	
I3882-24	S	Reactive CN	P	-0.5945	µg/l	6/29/2017 12:37:53	
I3882-25	S	Reactive CN	P	-0.2759	µg/l	6/29/2017 12:37:54	
I3882-26	S	Reactive CN	P	-0.6058	µg/l	6/29/2017 12:37:55	
I3882-27	S	Reactive CN	P	-0.4146	µg/l	6/29/2017 12:37:56	
I3882-28	S	Reactive CN	P	-0.4951	µg/l	6/29/2017 12:37:57	
I3935-03	S	Reactive CN	P	-0.6257	µg/l	6/29/2017 12:37:58	
I3949-05	S	Reactive CN	P	-0.6416	µg/l	6/29/2017 12:45:23	
I3949-11	S	Reactive CN	P	-0.4658	µg/l	6/29/2017 12:45:24	
I3952-05	S	Reactive CN	P	-0.595	µg/l	6/29/2017 12:45:25	
PB100246BL	S	Reactive CN	P	-0.3484	µg/l	6/29/2017 12:45:26	
CCV3	S	Reactive CN	P	233.6897	µg/l	6/29/2017 12:45:27	
CCB3	S	Reactive CN	P	-0.2352	µg/l	6/29/2017 12:45:28	
I3883-17	S	Reactive CN	P	-0.2873	µg/l	6/29/2017 12:45:29	
I3883-17DUP	S	Reactive CN	P	-0.1461	µg/l	6/29/2017 12:45:30	
I3882-15DUP	S	Reactive CN	P	-0.1379	µg/l	6/29/2017 12:45:31	
I3883-18	S	Reactive CN	P	-0.1488	µg/l	6/29/2017 12:45:32	
I3883-19	S	Reactive CN	P	-0.7907	µg/l	6/29/2017 12:45:33	
I3883-20	S	Reactive CN	P	-0.3752	µg/l	6/29/2017 12:52:58	
I3883-21	S	Reactive CN	P	-0.5727	µg/l	6/29/2017 12:52:59	

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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

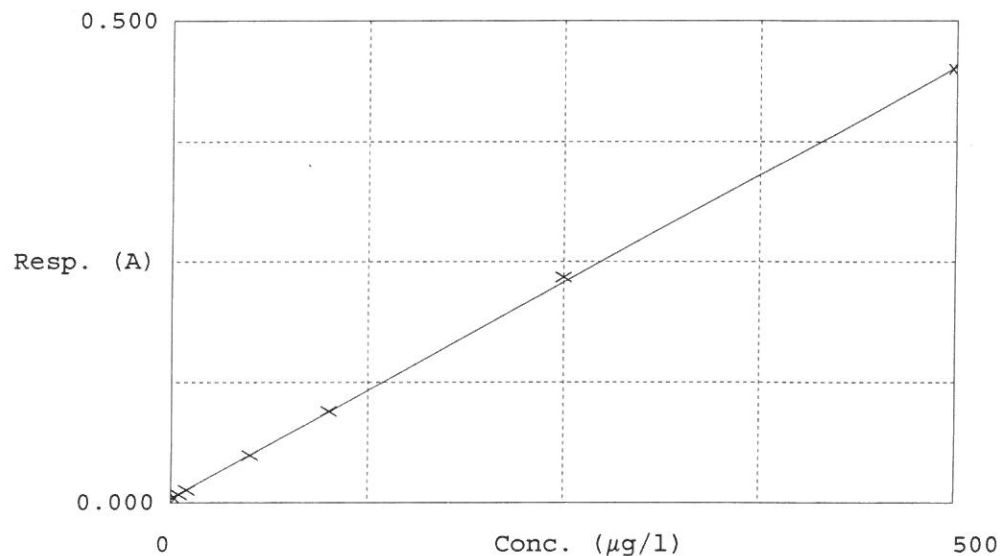
Test Total CN

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	