

21397039

Test results

Aquakem 7.2AQ1

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

8/1/2018 16:01

Test: Total CN ug/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	99.057	0.0	0.093	
ICB1	0.068	0.0	0.004	
CCV1	240.365	0.0	0.219	
CCB1	0.246	0.0	0.004	
PB111626BL	-0.341	0.0	0.004	
PB111626BS	99.138	0.0	0.093	
LOWPB111626	10.055	0.0	0.013	
HIGHPB111626	489.156	0.0	0.441	
J4231-01	1.163	0.0	0.005	
J4231-01DUP	1.037	0.0	0.005	
J4231-01MS	6.322	0.0	0.010	
J4231-01MSD	5.447	0.0	0.009	
J4231-03	0.089	0.0	0.004	
CCV2	241.460	0.0	0.220	
CCB2	-0.397	0.0	0.004	
J4231-05	-0.027	0.0	0.004	
J4231-07	-0.855	0.0	0.004	
J4231-09	0.211	0.0	0.004	
J4231-11	2.035	0.0	0.006	
J4231-15	-0.627	0.0	0.004	
J4231-17	-0.711	0.0	0.004	
J4231-19	-0.144	0.0	0.004	
J4231-21	0.000	0.0	0.004	
PB111639BL	-0.141	0.0	0.004	
CCV3	242.573	0.0	0.221	
CCB3	0.189	0.0	0.004	
J3823-01	-0.064	0.0	0.004	
J3823-01MS	33.578	0.0	0.034	
J3823-01MSD	33.598	0.0	0.034	
J3823-01DUP	1.731	0.0	0.006	
J4231-13	0.089	0.0	0.004	
J3823-03	1.727	0.0	0.006	
J3825-11	0.568	0.0	0.005	
J3825-13	0.367	0.0	0.005	
J3825-15	1.525	0.0	0.006	
J3825-17	0.963	0.0	0.005	
CCV4	244.633	0.0	0.223	
CCB4	-0.097	0.0	0.004	
J3825-19	0.858	0.0	0.005	
J4234-01	0.006	0.0	0.004	
J4236-01	0.057	0.0	0.004	
J4236-03	0.992	0.0	0.005	
J4237-01	0.222	0.0	0.004	
J4237-03	1.026	0.0	0.005	
CCV5	250.202	0.0	0.228	
CCB5	0.189	0.0	0.004	
J3823-01A	41.687	0.0	0.042	
PB111666BL	-0.239	0.0	0.004	
PB111666BS	99.374	0.0	0.093	
J3826-05	0.490	0.0	0.005	
J3826-05DUP	0.102	0.0	0.004	
J3826-05MS	38.385	0.0	0.039	
J3826-05MSD	38.370	0.0	0.039	
J4241-01	0.111	0.0	0.004	
J4257-01	-0.372	0.0	0.004	

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Sample Id	Result	Dil. 1 +	Response	Errors
J4257-03	0.056	0.0	0.004	
CCV6	236.939	0.0	0.216	
CCB6	-0.530	0.0	0.004	
J4257-05	0.193	0.0	0.004	
J4257-07	-0.437	0.0	0.004	
PB111670BL	0.073	0.0	0.004	
PB111670BS	100.284	0.0	0.094	
J4250-01	3.782	0.0	0.008	
J4250-01DUP	4.216	0.0	0.008	
J4250-01MS	41.480	0.0	0.041	
J4250-01MSD	40.786	0.0	0.041	
J4252-01	25.374	0.0	0.027	
PB111639BS	100.689	0.0	0.094	
CCV7	258.247	0.0	0.235	
CCB7	-0.316	0.0	0.004	

N	70
Mean	43.375
SD	92.3663
CV%	212.95

Aquakem v. 7.2AQ1

AS

Results from time period:

Wed Aug 01 14:41:08 2018

Wed Aug 01 15:59:46 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.7985	µg/l	8/1/2018 13:23:15	
5.0PPBCN	A	Total CN	P	4.3596	µg/l	8/1/2018 13:23:16	
10PPBCN	A	Total CN	P	9.7801	µg/l	8/1/2018 13:23:17	
50PPBCN	A	Total CN	P	50.5789	µg/l	8/1/2018 13:23:18	
100PPBCN	A	Total CN	P	101.0569	µg/l	8/1/2018 13:23:19	
250PPBCN	A	Total CN	P	250.5629	µg/l	8/1/2018 13:23:20	
500PPBCN	A	Total CN	P	499.4601	µg/l	8/1/2018 13:23:21	
ICV1	S	Total CN	P	99.0568	µg/l	8/1/2018 14:41:08	
ICB1	S	Total CN	P	0.0679	µg/l	8/1/2018 14:41:09	
CCV1	S	Total CN	P	240.3654	µg/l	8/1/2018 14:41:10	
CCB1	S	Total CN	P	0.2455	µg/l	8/1/2018 14:41:11	
PB111626BL	S	Total CN	P	-0.3414	µg/l	8/1/2018 14:41:12	
PB111626BS	S	Total CN	P	99.138	µg/l	8/1/2018 14:41:13	
LOWPB111626	S	Total CN	P	10.0551	µg/l	8/1/2018 14:41:14	
HIGHPB111626	S	Total CN	P	489.1562	µg/l	8/1/2018 14:41:15	
J4231-01	S	Total CN	P	1.1625	µg/l	8/1/2018 14:41:16	
J4231-01DUP	S	Total CN	P	1.0368	µg/l	8/1/2018 14:41:17	
J4231-01MS	S	Total CN	P	6.3221	µg/l	8/1/2018 14:41:18	
J4231-01MSD	S	Total CN	P	5.447	µg/l	8/1/2018 14:48:43	
J4231-03	S	Total CN	P	0.0886	µg/l	8/1/2018 14:48:45	
CCV2	S	Total CN	P	241.4597	µg/l	8/1/2018 14:48:46	
CCB2	S	Total CN	P	-0.3972	µg/l	8/1/2018 14:48:47	
J4231-05	S	Total CN	P	-0.027	µg/l	8/1/2018 14:48:48	
J4231-07	S	Total CN	P	-0.8547	µg/l	8/1/2018 14:48:49	
J4231-09	S	Total CN	P	0.2111	µg/l	8/1/2018 14:48:50	
J4231-11	S	Total CN	P	2.0353	µg/l	8/1/2018 14:48:51	
J4231-15	S	Total CN	P	-0.6273	µg/l	8/1/2018 14:48:53	
J4231-17	S	Total CN	P	-0.7107	µg/l	8/1/2018 14:56:17	
J4231-19	S	Total CN	P	-0.1435	µg/l	8/1/2018 14:56:18	
J4231-21	S	Total CN	P	0.0002	µg/l	8/1/2018 14:56:19	
PB111639BL	S	Total CN	P	-0.1412	µg/l	8/1/2018 14:56:20	
CCV3	S	Total CN	P	242.5732	µg/l	8/1/2018 14:56:21	
CCB3	S	Total CN	P	0.1892	µg/l	8/1/2018 14:56:22	
J3823-01	S	Total CN	P	-0.0637	µg/l	8/1/2018 14:56:24	
J3823-01MS	S	Total CN	P	33.5782	µg/l	8/1/2018 14:56:25	
J3823-01MSD	S	Total CN	P	33.5981	µg/l	8/1/2018 14:56:26	
J3823-01DUP	S	Total CN	P	1.7305	µg/l	8/1/2018 14:56:27	
J4231-13	S	Total CN	P	0.0891	µg/l	8/1/2018 15:03:50	
J3823-03	S	Total CN	P	1.7274	µg/l	8/1/2018 15:03:51	
J3825-11	S	Total CN	P	0.5683	µg/l	8/1/2018 15:03:52	
J3825-13	S	Total CN	P	0.3671	µg/l	8/1/2018 15:03:53	
J3825-15	S	Total CN	P	1.5255	µg/l	8/1/2018 15:03:54	

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J3825-17	S	Total CN	P	0.9631 µg/l	8/1/2018 15:03:55
CCV4	S	Total CN	P	244.6333 µg/l	8/1/2018 15:03:56
CCB4	S	Total CN	P	-0.0966 µg/l	8/1/2018 15:03:57
J3825-19	S	Total CN	P	0.8578 µg/l	8/1/2018 15:03:58
J4234-01	S	Total CN	P	0.006 µg/l	8/1/2018 15:03:59
J4236-01	S	Total CN	P	0.057 µg/l	8/1/2018 15:04:00
J4236-03	S	Total CN	P	0.9917 µg/l	8/1/2018 15:09:33
J4237-01	S	Total CN	P	0.222 µg/l	8/1/2018 15:09:34
J4237-03	S	Total CN	P	1.0263 µg/l	8/1/2018 15:09:35
CCV5	S	Total CN	P	250.2022 µg/l	8/1/2018 15:09:36
CCB5	S	Total CN	P	0.1891 µg/l	8/1/2018 15:09:37
J3823-01A	S	Total CN	P	41.6865 µg/l	8/1/2018 15:32:11
PB111666BL	S	Total CN	P	-0.239 µg/l	8/1/2018 15:32:12
PB111666BS	S	Total CN	P	99.3736 µg/l	8/1/2018 15:32:13
J3826-05	S	Total CN	P	0.49 µg/l	8/1/2018 15:32:14
J3826-05DUP	S	Total CN	P	0.1017 µg/l	8/1/2018 15:32:15
J3826-05MS	S	Total CN	P	38.3853 µg/l	8/1/2018 15:32:16
J3826-05MSD	S	Total CN	P	38.37 µg/l	8/1/2018 15:32:17
J4241-01	S	Total CN	P	0.1113 µg/l	8/1/2018 15:32:18
J4257-01	S	Total CN	P	-0.3715 µg/l	8/1/2018 15:32:19
J4257-03	S	Total CN	P	0.056 µg/l	8/1/2018 15:32:20
CCV6	S	Total CN	P	236.9387 µg/l	8/1/2018 15:32:21
CCB6	S	Total CN	P	-0.5304 µg/l	8/1/2018 15:39:46
J4257-05	S	Total CN	P	0.1928 µg/l	8/1/2018 15:39:47
J4257-07	S	Total CN	P	-0.4371 µg/l	8/1/2018 15:39:48
PB111670BL	S	Total CN	P	0.0727 µg/l	8/1/2018 15:39:49
PB111670BS	S	Total CN	P	100.2837 µg/l	8/1/2018 15:39:50
J4250-01	S	Total CN	P	3.7821 µg/l	8/1/2018 15:39:51
J4250-01DUP	S	Total CN	P	4.2155 µg/l	8/1/2018 15:39:52
J4250-01MS	S	Total CN	P	41.4801 µg/l	8/1/2018 15:39:53
J4250-01MSD	S	Total CN	P	40.7861 µg/l	8/1/2018 15:39:54
J4252-01	S	Total CN	P	25.3744 µg/l	8/1/2018 15:39:55
PB111639BS	S	Total CN	P	100.6886 µg/l	8/1/2018 15:59:43
CCV7	S	Total CN	P	258.247 µg/l	8/1/2018 15:59:45
CCB7	S	Total CN	P	-0.3159 µg/l	8/1/2018 15:59:46

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8/1/2018 13:24

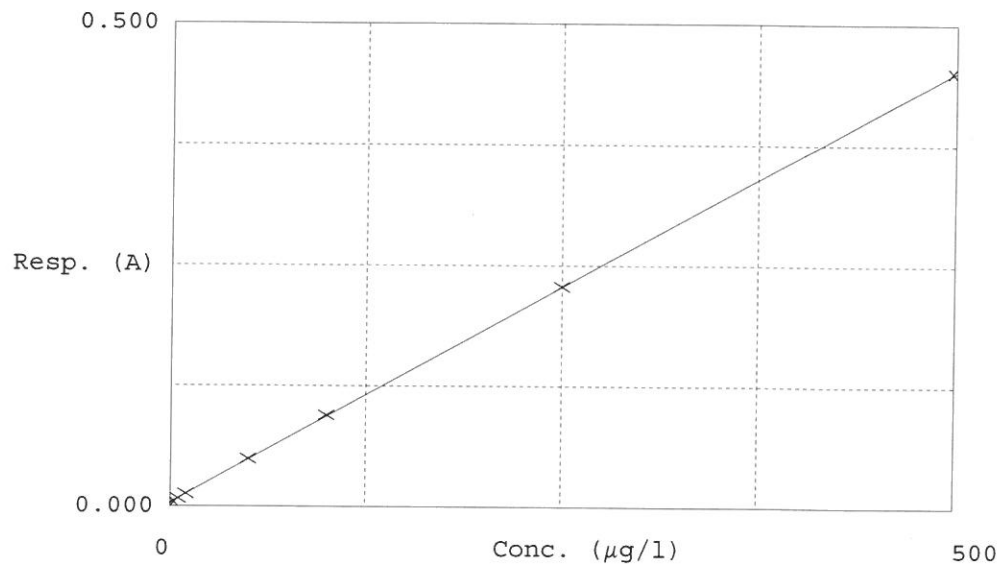
Test Total CN

Accepted 8/1/2018 13:24

Factor 1119
Bias 0.004

Coeff. of det. 0.999985

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.7985	0.0000	
2	5.0PPBCN	0.008	4.3596	5.0000	
3	10PPBCN	0.013	9.7801	10.0000	
4	50PPBCN	0.049	50.5789	50.0000	
5	100PPBCN	0.095	101.0569	100.0000	
6	250PPBCN	0.228	250.5629	250.0000	
7	500PPBCN	0.451	499.4601	500.0000	