

LB110726

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

8/27/2020 16:06

Test: Total CN

Sample Id	Result ^{ug/L}	Dil. 1 +	Response	Errors
ICV1	88.156	0.0	0.082	
ICB1	0.471	0.0	0.002	
CCV1	234.776	0.0	0.216	
CCB1	0.276	0.0	0.001	
PB131218BL	0.020	0.0	0.001	
PB131218BS	89.204	0.0	0.083	
PB131218LOW	9.895	0.0	0.010	
PB131218HIGH	479.070	0.0	0.440	
L3793-02	8.533	0.0	0.009	
L3793-02DUP	5.656	0.0	0.006	
L3793-02MS	30.936	0.0	0.029	
L3793-02MSD	31.136	0.0	0.030	
L3793-05	0.047	0.0	0.001	
L3793-08	-0.536	0.0	0.001	
CCV2	247.160	0.0	0.228	
CCB2	0.043	0.0	0.001	
L3793-11	0.017	0.0	0.001	
L3793-14	-0.256	0.0	0.001	
L3793-17	0.017	0.0	0.001	
L3793-20	-0.023	0.0	0.001	
L3793-23	0.555	0.0	0.002	
L3793-26	-0.068	0.0	0.001	
L3794-01	0.547	0.0	0.002	
L3806-03	0.212	0.0	0.001	
L3806-08	-0.096	0.0	0.001	
DOC-SOIL-1	90.222	0.0	0.084	
CCV3	250.291	0.0	0.230	
CCB3	0.316	0.0	0.001	
DOC-SOIL-2	92.532	0.0	0.086	
DOC-SOIL-3	93.955	0.0	0.087	
DOC-SOIL-4	88.418	0.0	0.082	
PB131219BL	0.276	0.0	0.001	
L3805-01	1.745	0.0	0.003	
L3805-01DUP	2.025	0.0	0.003	
L3805-01MS	34.167	0.0	0.032	
L3805-01MSD	34.840	0.0	0.033	
DOC-WATER-1	89.342	0.0	0.083	
CCV4	235.897	0.0	0.217	
CCB4	0.548	0.0	0.002	
DOC-WATER-2	91.965	0.0	0.085	
DOC-WATER-3	92.191	0.0	0.086	
DOC-WATER-4	92.379	0.0	0.086	
PB131219BS	94.092	0.0	0.087	
CCV5	247.313	0.0	0.228	
CCB5	0.261	0.0	0.001	
PB131253BL	-0.478	0.0	0.001	
PB131253BS	96.114	0.0	0.089	
L3498-01	-0.056	0.0	0.001	
L3498-01DUP	0.186	0.0	0.001	
L3498-01MS	32.676	0.0	0.031	
L3498-01MSD	32.566	0.0	0.031	
L3816-01	-0.332	0.0	0.001	
L3816-02	-0.137	0.0	0.001	
L3816-03	0.224	0.0	0.001	
L3818-01	0.553	0.0	0.002	

L3818-01

8/27/20

AM

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8/27/2020 16:06

Test: Total CN

Sample Id	Result ^{ug/L}	Dil. 1 +	Response	Errors
CCV6	241.071	0.0	0.222	
CCB6	0.182	0.0	0.001	
L3818-02	4.640	0.0	0.005	
L3818-03	0.374	0.0	0.001	
LOWPB131253	9.689	0.0	0.010	
HIGHPB131253	483.727	0.0	0.444	
CCV7	247.342	0.0	0.228	
CCB7	0.554	0.0	0.002	

N	63
Mean	63.610
SD	108.5796
CV%	170.70

Aquakem v. 7.2AQ1

Results from time period:

Thu Aug 27 14:05:52 2020

Thu Aug 27 15:51:33 2020

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.2919	µg/l	8/27/2020 12:22:05	
5.0PPBCN	A	Total CN	P	5.0321	µg/l	8/27/2020 12:22:06	
10PPBCN	A	Total CN	P	9.9011	µg/l	8/27/2020 12:22:07	
50PPBCN	A	Total CN	P	46.2271	µg/l	8/27/2020 12:22:08	
100PPBCN	A	Total CN	P	93.8715	µg/l	8/27/2020 12:22:09	
250PPBCN	A	Total CN	P	267.3109	µg/l	8/27/2020 12:22:10	
500PPBCN	A	Total CN	P	492.9492	µg/l	8/27/2020 12:22:11	
ICV1	S	Total CN	P	88.1564	µg/l	8/27/2020 14:05:52	
ICB1	S	Total CN	P	0.4714	µg/l	8/27/2020 14:05:54	
CCV1	S	Total CN	P	234.7763	µg/l	8/27/2020 14:05:57	
CCB1	S	Total CN	P	0.2761	µg/l	8/27/2020 14:05:58	
PB131218BL	S	Total CN	P	0.0198	µg/l	8/27/2020 14:06:01	
PB131218BS	S	Total CN	P	89.2041	µg/l	8/27/2020 14:13:24	
PB131218LOW	S	Total CN	P	9.8952	µg/l	8/27/2020 14:13:25	
PB131218HIGH	S	Total CN	P	479.0699	µg/l	8/27/2020 14:13:26	
L3793-02	S	Total CN	P	8.5331	µg/l	8/27/2020 14:13:27	
L3793-02DUP	S	Total CN	P	5.6562	µg/l	8/27/2020 14:13:28	
L3793-02MS	S	Total CN	P	30.9355	µg/l	8/27/2020 14:13:29	
L3793-02MSD	S	Total CN	P	31.1364	µg/l	8/27/2020 14:13:30	
L3793-05	S	Total CN	P	0.0468	µg/l	8/27/2020 14:13:33	
L3793-08	S	Total CN	P	-0.5365	µg/l	8/27/2020 14:13:34	
CCV2	S	Total CN	P	247.1605	µg/l	8/27/2020 14:21:02	
CCB2	S	Total CN	P	0.0427	µg/l	8/27/2020 14:21:03	
L3793-11	S	Total CN	P	0.0173	µg/l	8/27/2020 14:21:04	
L3793-14	S	Total CN	P	-0.2558	µg/l	8/27/2020 14:21:05	
L3793-17	S	Total CN	P	0.0171	µg/l	8/27/2020 14:21:06	
L3793-20	S	Total CN	P	-0.0234	µg/l	8/27/2020 14:21:07	
L3793-23	S	Total CN	P	0.5551	µg/l	8/27/2020 14:21:08	
L3793-26	S	Total CN	P	-0.0679	µg/l	8/27/2020 14:21:09	
L3794-01	S	Total CN	P	0.5471	µg/l	8/27/2020 14:21:10	
L3806-03	S	Total CN	P	0.2121	µg/l	8/27/2020 14:21:11	
L3806-08	S	Total CN	P	-0.0962	µg/l	8/27/2020 14:21:12	
DOC-SOIL-1	S	Total CN	P	90.2225	µg/l	8/27/2020 14:25:49	
CCV3	S	Total CN	P	250.2913	µg/l	8/27/2020 14:25:50	
CCB3	S	Total CN	P	0.3156	µg/l	8/27/2020 14:25:51	
DOC-SOIL-2	S	Total CN	P	92.5319	µg/l	8/27/2020 14:25:52	
DOC-SOIL-3	S	Total CN	P	93.9545	µg/l	8/27/2020 14:25:53	
DOC-SOIL-4	S	Total CN	P	88.4177	µg/l	8/27/2020 14:33:21	
PB131219BL	S	Total CN	P	0.276	µg/l	8/27/2020 14:33:22	
L3805-01	S	Total CN	P	1.745	µg/l	8/27/2020 14:33:24	
L3805-01DUP	S	Total CN	P	2.0248	µg/l	8/27/2020 14:33:25	
L3805-01MS	S	Total CN	P	34.1673	µg/l	8/27/2020 14:33:26	

L3805-01MSD	S	Total CN	P	34.8404 µg/l	8/27/2020 14:33:27
DOC-WATER-1	S	Total CN	P	89.3421 µg/l	8/27/2020 14:33:30
CCV4	S	Total CN	P	235.8974 µg/l	8/27/2020 14:33:31
CCB4	S	Total CN	P	0.5482 µg/l	8/27/2020 14:39:04
DOC-WATER-2	S	Total CN	P	91.9655 µg/l	8/27/2020 14:39:05
DOC-WATER-3	S	Total CN	P	92.191 µg/l	8/27/2020 14:39:06
DOC-WATER-4	S	Total CN	P	92.3789 µg/l	8/27/2020 14:39:07
PB131219BS	S	Total CN	P	94.0923 µg/l	8/27/2020 14:47:42
CCV5	S	Total CN	P	247.3126 µg/l	8/27/2020 14:49:55
CCB5	S	Total CN	P	0.2613 µg/l	8/27/2020 14:49:56
PB131253BL	S	Total CN	P	-0.478 µg/l	8/27/2020 15:44:17
PB131253BS	S	Total CN	P	96.1138 µg/l	8/27/2020 15:44:18
L3498-01	S	Total CN	P	-0.0562 µg/l	8/27/2020 15:44:19
L3498-01DUP	S	Total CN	P	0.1862 µg/l	8/27/2020 15:44:20
L3498-01MS	S	Total CN	P	32.6762 µg/l	8/27/2020 15:44:21
L3498-01MSD	S	Total CN	P	32.5658 µg/l	8/27/2020 15:44:22
L3816-01	S	Total CN	P	-0.3317 µg/l	8/27/2020 15:44:25
L3816-02	S	Total CN	P	-0.1372 µg/l	8/27/2020 15:44:26
L3816-03	S	Total CN	P	0.2244 µg/l	8/27/2020 15:44:27
L3818-01	S	Total CN	P	0.5531 µg/l	8/27/2020 15:51:24
CCV6	S	Total CN	P	241.0706 µg/l	8/27/2020 15:51:25
CCB6	S	Total CN	P	0.1824 µg/l	8/27/2020 15:51:26
L3818-02	S	Total CN	P	4.6395 µg/l	8/27/2020 15:51:27
L3818-03	S	Total CN	P	0.3745 µg/l	8/27/2020 15:51:28
LOWPB131253	S	Total CN	P	9.6886 µg/l	8/27/2020 15:51:29
HIGHPB131253	S	Total CN	P	483.7272 µg/l	8/27/2020 15:51:30
CCV7	S	Total CN	P	247.3416 µg/l	8/27/2020 15:51:31
CCB7	S	Total CN	P	0.5536 µg/l	8/27/2020 15:51:32

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284 Sheffield Street,
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8/27/2020 12:28

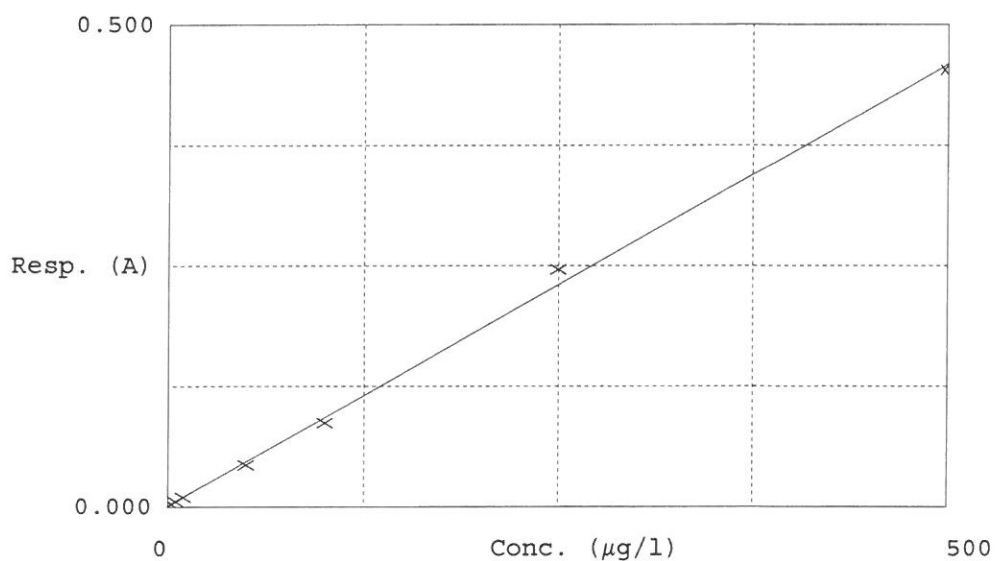
Test Total CN

Accepted 8/27/2020 12:28

Factor 1091
Bias 0.001

Coeff. of det. 0.998051

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.2919	0.0000	
2	5.0PPBCN	0.006	5.0321	5.0000	
3	10PPBCN	0.010	9.9011	10.0000	
4	50PPBCN	0.043	46.2271	50.0000	
5	100PPBCN	0.087	93.8715	100.0000	
6	250PPBCN	0.246	267.3109	250.0000	
7	500PPBCN	0.453	492.9492	500.0000	