

LB104917

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

8/31/2019 8:45

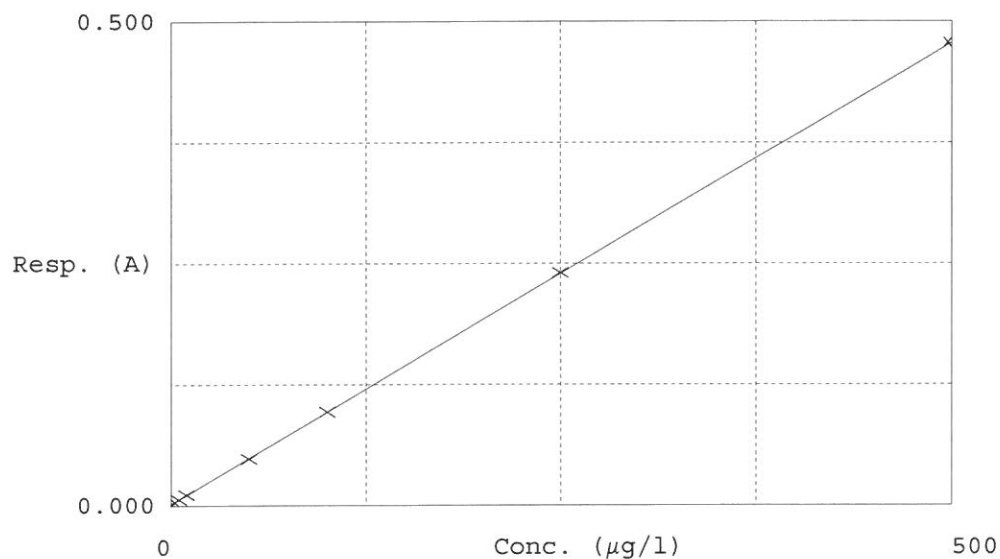
Test Total CN

Accepted 8/31/2019 8:45

Factor 1049
Bias 0.002

Coeff. of det. 0.999994

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.002	0.1681	0.0000	
2	5.0PPBCN	0.007	5.2288	5.0000	
3	10PPBCN	0.011	10.2379	10.0000	
4	50PPBCN	0.048	49.0936	50.0000	
5	100PPBCN	0.097	99.9175	100.0000	
6	250PPBCN	0.240	250.5080	250.0000	
7	500PPBCN	0.478	499.8461	500.0000	

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8/31/2019 13:45

Test: Total CN *ug/L*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.662	0.0	0.093	
ICB1	1.196	0.0	0.003	
CCV1	244.547	0.0	0.235	
CCB1	0.406	0.0	0.002	
PB122724BL	0.373	0.0	0.002	
PB122724BS	97.379	0.0	0.094	
K4554-01	0.374	0.0	0.002	
K4554-01DUP	0.098	0.0	0.002	
K4554-01MS	22.348	0.0	0.023	
K4554-01MSD	22.615	0.0	0.023	
K4554-03	1.173	0.0	0.003	
K4554-05	0.298	0.0	0.002	
K4554-07	0.402	0.0	0.002	
K4554-19	0.798	0.0	0.002	
CCV2	245.619	0.0	0.236	
CCB2	0.596	0.0	0.002	
K4554-21	0.944	0.0	0.002	
K4554-23	0.382	0.0	0.002	
K4554-25	118.652	0.0	0.115	
K4554-27	1.139	0.0	0.003	
K4554-39	5.816	0.0	0.007	
K4554-41	3.658	0.0	0.005	
K4554-43	0.371	0.0	0.002	
K4554-44	0.446	0.0	0.002	
K4554-45	1.420	0.0	0.003	
K4554-55	0.548	0.0	0.002	
CCV3	248.773	0.0	0.239	
CCB3	0.435	0.0	0.002	
K4554-57	0.591	0.0	0.002	
PB122701BL	0.618	0.0	0.002	
PB122701BS	98.888	0.0	0.096	
K4613-09	2.371	0.0	0.004	
K4613-09DUP	2.294	0.0	0.004	
K4613-09MS	33.548	0.0	0.034	
PB122698BL	0.510	0.0	0.002	
PB122698BS	97.310	0.0	0.094	
K4619-03	0.592	0.0	0.002	
CCV4	247.010	0.0	0.237	
CCB4	0.582	0.0	0.002	
K4619-03DUP	0.355	0.0	0.002	
K4619-03MS	42.595	0.0	0.042	
K4619-03MSD	42.920	0.0	0.042	
K4619-06	0.211	0.0	0.002	
K4619-09	0.208	0.0	0.002	
K4619-12	0.425	0.0	0.002	
K4619-15	0.215	0.0	0.002	
K4619-18	0.198	0.0	0.002	
K4619-21	0.355	0.0	0.002	
K4619-24	0.439	0.0	0.002	
CCV5	249.751	0.0	0.240	
CCB5	0.706	0.0	0.002	
K4619-27	0.619	0.0	0.002	
K4619-30	0.526	0.0	0.002	
K4619-33	0.432	0.0	0.002	
K4619-36	0.340	0.0	0.002	

Test results

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8/31/2019 13:45

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
K4613-09MSD	36.173	0.0	0.036	
CCV6	263.823	0.0	0.253	
CCB6	1.059	0.0	0.003	

N	58
Mean	38.658
SD	78.0768
CV%	201.97

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08/31/19

Aquakem v. 7.2AQ1

Results from time period:

Sat Aug 31 12:37:08 2019

Sat Aug 31 13:37:07 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.1681	µg/l	8/31/2019 8:44:48	
5.0PPBCN	A	Total CN	P	5.2288	µg/l	8/31/2019 8:44:49	
10PPBCN	A	Total CN	P	10.2379	µg/l	8/31/2019 8:44:50	
50PPBCN	A	Total CN	P	49.0936	µg/l	8/31/2019 8:44:51	
100PPBCN	A	Total CN	P	99.9175	µg/l	8/31/2019 8:44:52	
250PPBCN	A	Total CN	P	250.508	µg/l	8/31/2019 8:44:53	
500PPBCN	A	Total CN	P	499.8461	µg/l	8/31/2019 8:44:54	
ICV1	S	Total CN	P	95.6623	µg/l	8/31/2019 12:37:08	
ICB1	S	Total CN	P	1.196	µg/l	8/31/2019 12:37:09	
CCV1	S	Total CN	P	244.5468	µg/l	8/31/2019 12:37:10	
CCB1	S	Total CN	P	0.4062	µg/l	8/31/2019 12:37:11	
PB122724BL	S	Total CN	P	0.3735	µg/l	8/31/2019 12:37:12	
PB122724BS	S	Total CN	P	97.3792	µg/l	8/31/2019 12:37:13	
K4554-01	S	Total CN	P	0.3736	µg/l	8/31/2019 12:37:14	
K4554-01DUP	S	Total CN	P	0.0976	µg/l	8/31/2019 12:37:15	
K4554-01MS	S	Total CN	P	22.3483	µg/l	8/31/2019 12:37:16	
K4554-01MSD	S	Total CN	P	22.6148	µg/l	8/31/2019 12:37:17	
K4554-03	S	Total CN	P	1.1732	µg/l	8/31/2019 12:37:18	
K4554-05	S	Total CN	P	0.2977	µg/l	8/31/2019 12:44:43	
K4554-07	S	Total CN	P	0.4023	µg/l	8/31/2019 12:44:44	
K4554-19	S	Total CN	P	0.798	µg/l	8/31/2019 12:44:45	
CCV2	S	Total CN	P	245.6191	µg/l	8/31/2019 12:44:46	
CCB2	S	Total CN	P	0.5963	µg/l	8/31/2019 12:44:47	
K4554-21	S	Total CN	P	0.9439	µg/l	8/31/2019 12:44:48	
K4554-23	S	Total CN	P	0.3825	µg/l	8/31/2019 12:44:49	
K4554-25	S	Total CN	P	118.6523	µg/l	8/31/2019 12:44:50	
K4554-27	S	Total CN	P	1.1392	µg/l	8/31/2019 12:44:51	
K4554-39	S	Total CN	P	5.8157	µg/l	8/31/2019 12:44:52	
K4554-41	S	Total CN	P	3.658	µg/l	8/31/2019 12:44:53	
K4554-43	S	Total CN	P	0.3715	µg/l	8/31/2019 12:52:18	
K4554-44	S	Total CN	P	0.4461	µg/l	8/31/2019 12:52:19	
K4554-45	S	Total CN	P	1.4202	µg/l	8/31/2019 12:52:20	
K4554-55	S	Total CN	P	0.5484	µg/l	8/31/2019 12:52:21	
CCV3	S	Total CN	P	248.7729	µg/l	8/31/2019 12:52:22	
CCB3	S	Total CN	P	0.4345	µg/l	8/31/2019 12:52:23	
K4554-57	S	Total CN	P	0.5908	µg/l	8/31/2019 12:52:24	
PB122701BL	S	Total CN	P	0.6182	µg/l	8/31/2019 12:52:25	
PB122701BS	S	Total CN	P	98.888	µg/l	8/31/2019 12:52:26	
K4613-09	S	Total CN	P	2.3712	µg/l	8/31/2019 12:52:27	
K4613-09DUP	S	Total CN	P	2.2945	µg/l	8/31/2019 12:52:28	
K4613-09MS	S	Total CN	P	33.5478	µg/l	8/31/2019 12:59:50	
PB122698BL	S	Total CN	P	0.5104	µg/l	8/31/2019 12:59:52	

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PB122698BS	S	Total CN	P	97.3099 µg/l	8/31/2019 12:59:53
K4619-03	S	Total CN	P	0.5925 µg/l	8/31/2019 12:59:54
CCV4	S	Total CN	P	247.0101 µg/l	8/31/2019 12:59:55
CCB4	S	Total CN	P	0.5818 µg/l	8/31/2019 12:59:56
K4619-03DUP	S	Total CN	P	0.3545 µg/l	8/31/2019 12:59:57
K4619-03MS	S	Total CN	P	42.5952 µg/l	8/31/2019 12:59:58
K4619-03MSD	S	Total CN	P	42.9201 µg/l	8/31/2019 12:59:59
K4619-06	S	Total CN	P	0.2108 µg/l	8/31/2019 13:00:00
K4619-09	S	Total CN	P	0.2082 µg/l	8/31/2019 13:07:25
K4619-12	S	Total CN	P	0.4254 µg/l	8/31/2019 13:07:26
K4619-15	S	Total CN	P	0.2152 µg/l	8/31/2019 13:07:27
K4619-18	S	Total CN	P	0.1977 µg/l	8/31/2019 13:07:28
K4619-21	S	Total CN	P	0.3547 µg/l	8/31/2019 13:07:29
K4619-24	S	Total CN	P	0.4389 µg/l	8/31/2019 13:07:30
CCV5	S	Total CN	P	249.7508 µg/l	8/31/2019 13:07:31
CCB5	S	Total CN	P	0.7057 µg/l	8/31/2019 13:07:32
K4619-27	S	Total CN	P	0.6189 µg/l	8/31/2019 13:07:33
K4619-30	S	Total CN	P	0.526 µg/l	8/31/2019 13:07:34
K4619-33	S	Total CN	P	0.432 µg/l	8/31/2019 13:07:35
K4619-36	S	Total CN	P	0.3397 µg/l	8/31/2019 13:11:16
K4613-09MSD	S	Total CN	P	36.1732 µg/l	8/31/2019 13:37:05
CCV6	S	Total CN	P	263.8235 µg/l	8/31/2019 13:37:06
CCB6	S	Total CN	P	1.0593 µg/l	8/31/2019 13:37:07