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Aquakem 7.2AQ1

Page: 1

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

12/12/2017 16:13

Test: Total CN *Hg/L*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	99.585	0.0	0.096	
ICB1	0.798	0.0	0.004	
CCV1	242.669	0.0	0.229	
CCB1	1.015	0.0	0.004	
PB104945BL	0.849	0.0	0.004	
PB104945BS	99.013	0.0	0.096	
LOWPB104945	9.637	0.0	0.012	
HIGHPB104945	447.338	0.0	0.420	
I6675-03	0.855	0.0	0.004	
I6675-03DUP	0.738	0.0	0.004	
I6675-03MS	34.287	0.0	0.035	
I6675-03MSD	34.410	0.0	0.035	
I6675-05	1.550	0.0	0.005	
I6686-03	0.838	0.0	0.004	
CCV2	242.354	0.0	0.229	
CCB2	1.210	0.0	0.005	
I6822-03	6.973	0.0	0.010	
I6822-05	0.193	0.0	0.004	
I6822-07	4.529	0.0	0.008	
I6822-09	16.703	0.0	0.019	
I6835-01	115.520	0.0	0.111	
I6836-01	263.477	0.0	0.249	
I6837-01	288.703	0.0	0.272	
I6838-01	339.147	0.0	0.319	
I6839-01	101.297	0.0	0.098	
PB104962BL	1.134	0.0	0.004	
CCV3	236.083	0.0	0.223	
CCB3	0.940	0.0	0.004	
PB104962BS	97.601	0.0	0.094	
I6840-01	28.736	0.0	0.030	
I6840-01DUP	28.849	0.0	0.030	
I6840-01MS	41.630	0.0	0.042	
I6840-01MSD	41.255	0.0	0.042	
I6841-041	117.358	0.0	0.113	
I6842-01	272.594	0.0	0.257	
I6843-01	606.123	0.0	0.567	Test limit high
I6844-01	119.067	0.0	0.114	
I6845-01	118.350	0.0	0.114	
CCV4	243.690	0.0	0.230	
CCB4	1.403	0.0	0.005	
I6846-01	171.168	0.0	0.163	
I6847-01	536.605	0.0	0.503	Test limit high
I6848-01	1852.667	0.0	1.727	Test limit high
I6868-01	11.044	0.0	0.014	
I6872-01	1.740	0.0	0.005	
CCV5	246.154	0.0	0.232	
CCB5	1.215	0.0	0.005	
I6843-01DLX2	315.111	0.0	0.297	
I6847-01DLX2	276.157	0.0	0.260	
I6848-01DLX10	167.184	0.0	0.159	
CCV6	261.996	0.0	0.247	
CCB6	0.461	0.0	0.004	

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Test results

Aquakem 7.2AQ1

Page: 2

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12/12/2017 16:13

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Ô□,,
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N	52
Mean	156.731
SD	281.8073
CV%	179.80

AS

Aquakem v. 7.2AQ1

Results from time period:

Tue Dec 12 14:52:46 2017

Tue Dec 12 16:10:13 2017

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.1818	µg/l	12/12/2017 10:27:52	
5.OPPBCN	A	Total CN	P	4.8471	µg/l	12/12/2017 10:27:53	
10PPBCN	A	Total CN	P	9.5815	µg/l	12/12/2017 10:27:54	
50PPBCN	A	Total CN	P	50.7695	µg/l	12/12/2017 10:27:55	
100PPBCN	A	Total CN	P	101.5147	µg/l	12/12/2017 10:27:56	
250PPBCN	A	Total CN	P	247.6781	µg/l	12/12/2017 10:27:57	
500PPBCN	A	Total CN	P	500.791	µg/l	12/12/2017 10:27:58	
ICV1	S	Total CN	P	99.5847	µg/l	12/12/2017 14:52:47	
ICB1	S	Total CN	P	0.7978	µg/l	12/12/2017 14:52:48	
CCV1	S	Total CN	P	242.6689	µg/l	12/12/2017 14:52:51	
CCB1	S	Total CN	P	1.0153	µg/l	12/12/2017 14:52:53	
PB104945BL	S	Total CN	P	0.8487	µg/l	12/12/2017 14:52:54	
PB104945BS	S	Total CN	P	99.0134	µg/l	12/12/2017 14:52:55	
LOWPB104945	S	Total CN	P	9.6367	µg/l	12/12/2017 14:52:56	
HIGHPB104945	S	Total CN	P	447.3376	µg/l	12/12/2017 15:00:21	
I6675-03	S	Total CN	P	0.8546	µg/l	12/12/2017 15:00:22	
I6675-03DUP	S	Total CN	P	0.7377	µg/l	12/12/2017 15:00:23	
I6675-03MS	S	Total CN	P	34.2872	µg/l	12/12/2017 15:00:24	
I6675-03MSD	S	Total CN	P	34.4104	µg/l	12/12/2017 15:00:25	
I6675-05	S	Total CN	P	1.5496	µg/l	12/12/2017 15:00:26	
I6686-03	S	Total CN	P	0.8385	µg/l	12/12/2017 15:00:27	
CCV2	S	Total CN	P	242.3544	µg/l	12/12/2017 15:00:28	
CCB2	S	Total CN	P	1.2101	µg/l	12/12/2017 15:00:29	
I6822-03	S	Total CN	P	6.9726	µg/l	12/12/2017 15:00:30	
I6822-05	S	Total CN	P	0.1931	µg/l	12/12/2017 15:00:31	
I6822-07	S	Total CN	P	4.5287	µg/l	12/12/2017 15:07:56	
I6822-09	S	Total CN	P	16.7033	µg/l	12/12/2017 15:07:57	
I6835-01	S	Total CN	P	115.5198	µg/l	12/12/2017 15:07:58	
I6836-01	S	Total CN	P	263.4771	µg/l	12/12/2017 15:07:59	
I6837-01	S	Total CN	P	288.7029	µg/l	12/12/2017 15:08:00	
I6838-01	S	Total CN	P	339.1471	µg/l	12/12/2017 15:08:01	
I6839-01	S	Total CN	P	101.2966	µg/l	12/12/2017 15:08:02	
PB104962BL	S	Total CN	P	1.134	µg/l	12/12/2017 15:08:03	
CCV3	S	Total CN	P	236.0834	µg/l	12/12/2017 15:08:04	
CCB3	S	Total CN	P	0.9396	µg/l	12/12/2017 15:08:05	
PB104962BS	S	Total CN	P	97.6006	µg/l	12/12/2017 15:08:06	
I6840-01	S	Total CN	P	28.7363	µg/l	12/12/2017 15:15:28	
I6840-01DUP	S	Total CN	P	28.8487	µg/l	12/12/2017 15:15:29	
I6840-01MS	S	Total CN	P	41.6298	µg/l	12/12/2017 15:15:30	
I6840-01MSD	S	Total CN	P	41.2546	µg/l	12/12/2017 15:15:31	
I6841-041	S	Total CN	P	117.3582	µg/l	12/12/2017 15:15:32	
I6842-01	S	Total CN	P	272.5943	µg/l	12/12/2017 15:15:33	

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I6843-01	S	Total CN	P	606.1233 µg/l	12/12/2017 15:15:34
I6844-01	S	Total CN	P	119.0674 µg/l	12/12/2017 15:15:35
I6845-01	S	Total CN	P	118.3498 µg/l	12/12/2017 15:15:36
CCV4	S	Total CN	P	243.6897 µg/l	12/12/2017 15:15:37
CCB4	S	Total CN	P	1.4035 µg/l	12/12/2017 15:15:38
I6846-01	S	Total CN	P	171.1683 µg/l	12/12/2017 15:22:07
I6847-01	S	Total CN	P	536.6053 µg/l	12/12/2017 15:22:08
I6848-01	S	Total CN	P	1852.667 µg/l	12/12/2017 15:22:09
I6868-01	S	Total CN	P	11.0444 µg/l	12/12/2017 15:22:10
I6872-01	S	Total CN	P	1.7396 µg/l	12/12/2017 15:22:11
CCV5	S	Total CN	P	246.1545 µg/l	12/12/2017 15:22:12
CCB5	S	Total CN	P	1.2151 µg/l	12/12/2017 15:22:13
I6843-01DLX2	S	Total CN	P	315.1105 µg/l	12/12/2017 15:50:14
I6847-01DLX2	S	Total CN	P	276.1569 µg/l	12/12/2017 15:50:15
I6848-01DLX10	S	Total CN	P	167.1842 µg/l	12/12/2017 16:10:11
CCV6	S	Total CN	P	261.9957 µg/l	12/12/2017 16:10:12
CCB6	S	Total CN	P	0.4608 µg/l	12/12/2017 16:10:13

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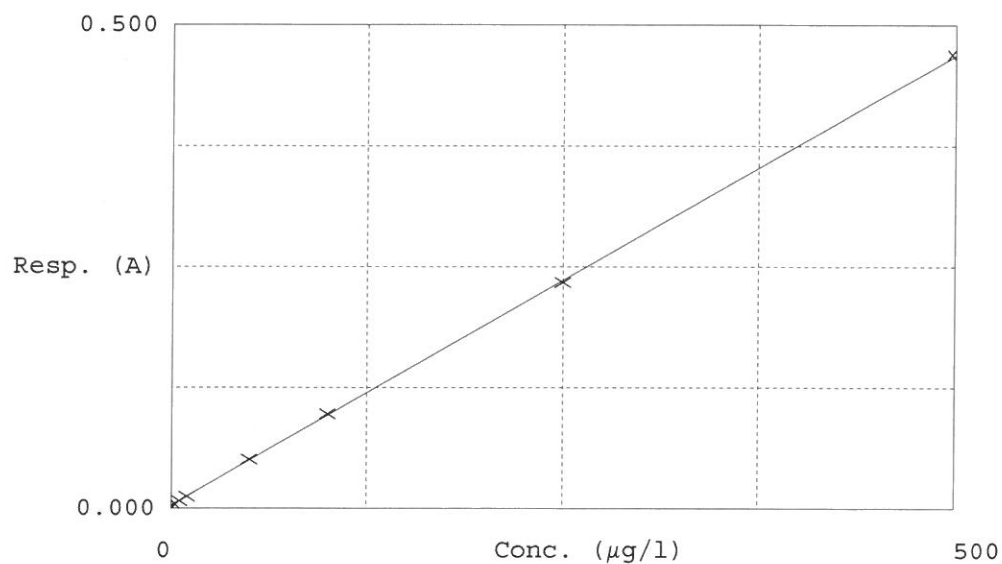
Test Total CN

Accepted 12/12/2017 10:33

Factor 1075
Bias 0.003

Coeff. of det. 0.999956

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.1818	0.0000	
2	5.0PPBCN	0.008	4.8471	5.0000	
3	10PPBCN	0.012	9.5815	10.0000	
4	50PPBCN	0.051	50.7695	50.0000	
5	100PPBCN	0.098	101.5147	100.0000	
6	250PPBCN	0.234	247.6781	250.0000	
7	500PPBCN	0.469	500.7910	500.0000	