Summary statistics - quantitative results

EQA round: ABR1/23 - Acid-base Status and Electrolytes

Deadline: 24.3.2023

Setup: all data

RoM = robust average
SD = standard deviation
CV = coefficient of variation
N_{tot} = total number of the results
N_{out} = number of the results removed before calculation
AV = assigned value
CVP = consensus of all participants
U_{AV} = expanded uncertainty of the assigned value (k = 2)
D_{max} = acceptable difference
LL = lower limit
UL = upper limit
N_{eva} = number of the results assessed
N_{suc} = number of successful results
S_{rel} = relative success

Test / Sample / Group	[unit]	RoM	SD	CV [%]	N_{tot}	N_{out}	Comparability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(135) **Potassium cation (ISE)**	[mmol/L]				283								283	277	98
Sample A													283	281	99
All results		4,31	0,038	0,88	283	0	CVP	4,31	0,006	8%	3,96	4,66	283		
Sample B													283	279	99
All results		5,97	0,11	1,9	283	1	CVP	5,97	0,016	8%	5,49	6,45	283		
(139) **Glucose**	[mmol/L]				264								264	262	99
Sample A													264	264	100
All results		10,6	0,33	3,1	264	0	CVP	10,6	0,049	15%	9,01	12,2	264		
Sample B													264	262	99
All results		15,4	0,47	3,1	264	1	CVP	15,4	0,072	15%	13	17,8	264		
(136) **Chloride anion (ISE)**	[mmol/L]				261								261	259	99
Sample A													261	260	100
All results		95,1	2,1	2,2	261	0	CVP	95,1	0,32	7%	88,4	102	261		
Sample B													261	260	100
All results		126	1,6	1,2	261	1	CVP	126	0,24	7%	117	135	261		
(169) **Lactate**	[mmol/L]				259								259	256	99
Sample A													259	258	100
All results		2,48	0,11	4,6	259	0	CVP	2,48	0,017	18%	2,03	2,93	259		
Sample B													259	257	99
All results		6,87	0,28	4,1	259	1	CVP	6,87	0,043	18%	5,63	8,11	259		
(132) **pCO_2**	[kPa]				400								400	379	95
Sample A													400	393	98
All results		5,64	0,23	4,1	400	0	CVP	5,64	0,028	12%	4,96	6,32	400		
Sample B													400	381	95
All results		2,97	0,13	4,5	400	2	CVP	2,97	0,016	12%	2,61	3,33	400		
(131) **pH**	[-]				400								400	393	98
Sample A													400	397	99
All results		7,41	0,012	0,16	400	0	CVP	7,41	0,002	0,8%	7,35	7,47	400		
Sample B													400	396	99
All results		7,6	0,016	0,21	400	1	CVP	7,6	0,002	0,8%	7,53	7,67	400		
(133) **pO_2**	[kPa]				400								400	382	96
Sample A													400	392	98
All results		14,3	1,1	7,7	400	0	CVP	14,3	0,14	17%	11,8	16,8	400		
Sample B													400	387	97
All results		18,5	0,66	3,6	400	1	CVP	18,5	0,081	12%	16,2	20,8	400		
(134) **Sodium cation (ISE)**	[mmol/L]				281								281	277	99
Sample A													281	280	100
All results		132	1,1	0,84	281	0	CVP	132	0,16	5%	125	139	281		
Sample B													281	278	99
All results		159	2	1,3	281	1	CVP	159	0,29	5%	151	167	281		
(137) **Calcium cation (ISE)**	[mmol/L]				325								325	315	97
Sample A													325	325	100
All results		1,1	0,037	3,4	325	0	CVP	1,1	0,005	10%	0,99	1,21	325		
Sample B													325	315	97
All results		0,519	0,048	9,3	325	2	CVP	0,519	0,007	±0,1	0,419	0,619	325		