IAWG KC/PS scheduling

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Next CCQM KC and PS schedules

From sample dispatch to report deadline

	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	June 2024	Juil 2024	Aug 2024	Sept 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
K166 (Number concentration NPs)																		
K178 (REEs uranium, and thorium in soil)																		
Elements in pork														To be confirmed				
Non-metallic impurities																		
Elements and anions in particulate matter																		
Arsenic species in seafood						Not defined yet												
Regional comparisons																		
SIM.QM-S16 Elements in drinking water																		
SIM SC on cacao																		

Period	Model 1 Comparisons				Model 2
	Core key comparisons **Core Capabilities model** – KC/Sample matrix – CMC cat.		Specialised key comparisons	Pilot studies	
2019	**High salts content** K155/Elements in seawater [5, 10]	**Difficult to dissolve metals + metal oxides** K144/Alumina powder [8, 9, 14]	K152/Assay/Purity of potassium iodate [1]		**(2017-2018)** K143
2020					
2021	**High salts content** K161/Anions in seawater [5]	**High organics content** K158/Elements and As speciation in grain powder [11]			
2022	**Difficult to dissolve metals + metal oxides** K160/PGE in Autocatalyst [8, 9, 14]			P215 / As speciation in seafood [10]	
2023	**High silica content** K178/REEs, uranium, and thorium in soil [13]	**Calibration materials & solutions** K166 / Number conc NPs [9]	**High organics content** K162 / SeProt. in serum [10]		
2024	**High organics content** Elements in pork [11]		**Calibration materials & solutions** Non-metallic impurities [8]		
2025	**High silica content** Elements and anions in urban particulate matter [13]		Solid sample analysis by LA-ICP-MS		?
2026	**Sulfur in (Bio)diesel** ? High volatile matrices [12]	**High organics content** ? Arsenic species in seafood [10]			

Core capability table

Analyte groups	Matrix challenges						Calibration materials and solutions
	Water/aqueous	High Silica content (e.g. Soils, sediments, plants, ...)	High salts content (e.g. Seawater, urine, ...)	High organics content (e.g. high carbon) (e.g. Food, blood/serum, cosmetics, ...)	Difficult to dissolve metals (Autocatalysts, ...)	High volatile matrices (e.g. solvents, fuels, ...)	
Group I and II: Alkali and Alkaline earth (Li, Na, K, Rb, Cs, Be, Mg, Ca, Sr, Ba)	K124			K145; K158			
				K107; K125; K139; K158	K144	K123	
Transition elements (Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Y, Zr, Nb, Mo, Tc, Ag, Cd, Ta, W, Au, Hg, Al, Ga, In, Tl, Pb, Po)	K124			K145			
		K127	K155	K106; K107; K108; K125; K128; K139; K145; K158			K143
Platinum Group elements (Ru, Rh, Pd, Os, Ir, Pt)							
					K160		
Metalloids / Semi-metals (B, Si, Ge, As, Sb, Te, Se)	K124			K145			
		K127	K155	K106; K108; K128; K139; K158	K144		
Non-metals (P, S, C, N, O)							
				K139; K145		K123	
Halogens (F, Cl, Br, I)							
				K125; K139			
Rare Earth Elements (Lanthanides, Actinides)							
		K178					
Inorganic species (elemental, anions, cations)							
			K161	K158			
Small organo-metallics							
			K155				
Proteins							
				K162			
Nanoparticles							
							K166