

Demonstration of Capability (DoC)

Analytical				Preparation		
System :	Herbicide	Matrix :	Soil	System	Herbicide	Matrix
Analysis Method :	8151A	Analyst :	Eghosa Ighodaro	Prepmethod	8151A	Extraction

Analyte	Units: ug/Kg Replicate Concentrations				Average Recovery (%R)	Acceptance Window (%R)	RSD
	PP023486.D	PP023563.D	PP023689.D	PP023742.D			
2,4,5-T	126	114	102	102	111	59-140	10
2,4,5-TP (Silvex)	126	114	102	102	111	63-134	10
2,4-D	120	108	96	96	105	68-134	11
2,4-DB	120	108	96	96	105	51-141	11
3,5-DICHLOROBENZOIC ACID	114	102	96	96	102	70-130	8
4-Nitrophenol	96	84	72	72	81	70-130	14
DALAPON	96	96	90	84	91.5	70-130	6
DCPA	120	114	102	102	109.5	70-130	8
DICAMBA	120	108	96	96	105	78-123	11
DICHLORPROP	120	108	96	96	105	78-126	11
DINOSEB	120	108	96	96	105	57-152	11
MCPA	112	100	87	87	96.5	70-130	12
MCPP	113	100	89	86	97	70-130	13
Pentachlorophenol	126	114	102	102	111	70-130	10
PICLORAM	126	108	96	96	106.5	70-130	13

