10	um (Se)	m		.3	4			.1			8	16	97		0	5	0
	TSM			2,067	92.6		17,098	330.9		3,609	159.5					2,964	618.5
	TSM w/o Mn			1,555	66.4		1,298	28.9		409	41.5					314	58.7
	Chlorine (Cl)	ppm	ND	9,080	992	ND	5,400	259	ND	1,260	133	374	11	ND	4800	2,064	378
	Total Halogens	ppm		9,258	1,056		5,528	291		1,274	142					2,394	445
1	Nitrogen (N)	g/kg	13.6	54.0	15.1	2.2	4.6	3.46	2.0	3.0	2.25	26	0	0.8	17.7	26.4	7.7
2	Sulfur (S)	g/kg	0.74	61.3	13.6	ND	6.1	0.70	ND	57.0	8.28	118	0	ND	6.3	8.8	3.0

The grey shaded cells indicate an outlier test was performed and the outlier(s) identified was confirmed based on further graphical observation (see further explanation below).

[1]Total range determined from literature sources - coal - Clarke and Sloss (1992); biomass - Energy Research Centre for the Netherlands, Phyllis Biomass database. http://www.ecn.nl/phyllis; oil - U.S. EPA (1999), Appendix B;
[2]Boiler MACT Database sludge analysis data;
[3]Chebyshev UPL for non-normal data sets;
[4] Kaplan-Meier; Selenium (Se) - with the Rosner's test (n > 25), for 1% significance level, one potential outlier was 560 ppm, which was rejected after graphical observation of the data. The next highest detect was 6 ppm.

Footnotes on Other Literature Data

[1] Literature contains a value of 39.5 g/kg for nitrogen in biomass and 8.95 g/kg for nitrogen in fuel oils;

[2] Literature contains a value of 8.7 g/kg for sulfur in biomass.