Supporting Information: Example of extraction data.

Interactions of Tc(IV) with humic substances.

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3 pages, 5 tables

Table S1. SAHA, ionic strength 0.5 M, pH = 4.3 ± 0.1

cpm_{org}	cpm_{aq}	D	$[HA]_{ppm}$	pcH	D_0/D
790	2078	0.38	0.00	4.32	0
734	2573	0.285	10.00	4.27	0.332
672	2605	0.257	13.33	4.29	0.473
594	2484	0.239	16.66	4.38	0.589
761	2405	0.316	6.66	4.34	0.200
728	2639	0.275	10.00	4.42	0.377
669	2651	0.252	13.33	4.32	0.505
643	2683	0.239	20.00	4.33	0.585

Table S2. FRCHA, ionic strength 1.0 M. pH = 4.8 ± 0.1

cpm_{org}	cpm_{aq}	D	$[HA]_{ppm}$	pcH	D_0/D
2375	808	2.93	20.00	4.80	0.701
2141	1030	2.07	30.00	4.75	1.40
1905	1009	1.88	40.00	4.79	1.64
1615	1055	1.53	45.00	4.81	2.26
1669	1314	1.27	50.00	4.74	2.93
1583	1438	1.10	55.00	4.80	3.54

Table S3. FRCFA, ionic strength 1.0 M, pH = 4.6 ± 0.1

cpm_{org}	cpm_{aq}	D	$[HA]_{ppm}$	pcH	D_0/D
1035	957	1.08	9.85	4.72	0.85
1011	1057	0.956	13.10	4.69	1.09
950	918	1.03	16.40	4.54	0.93
907	1036	0.875	19.70	4.64	1.28
1047	1715	0.610	22.90	4.62	2.28
872	1761	0.495	26.20	4.63	3.04
817	1467	0.556	29.50	4.68	2.59
1054	1769	0.595	32.80	4.53	2.36
786	1940	0.405	36.10	4.61	3.94

Table S4. FRCHA, ionic strength 0.5 M, pH = 6.8 ± 0.4

cpm_{org}	cpm_{aq}	D	$[HA]_{ppm}$	pcH	D_0/D
629	1688	0.300	0.00	6.59	0.00
325	1468	0.221	6.67	6.54	0.36
245	1793	0.137	10.00	6.81	1.20
223	1754	0.127	13.33	7.00	1.36
182	1912	0.095	16.67	7.13	2.15
217	2004	0.108	20.00	6.58	1.77
402	1605	0.250	3.33	6.78	0.20
342	1680	0.204	4.67	6.90	0.47
256	1683	0.152	6.67	7.00	0.97
223	1897	0.118	10.00	7.08	1.55
247	2076	0.119	13.33	6.64	1.52
244	2098	0.116	16.67	6.62	1.58
234	2136	0.110	20.00	6.58	1.74

Table S5. SAHA, ionic strength 0.5 M, pH = 6.8 ± 0.2

cpm_{org}	cpm_{aq}	D	$[HA]_{ppm}$	pcH	D_0/D
590	1618	0.365	0.00	6.67	0.00
406	1585	0.256	6.67	6.65	0.42
355	1719	0.207	10.00	6.75	0.77
278	1545	0.180	13.33	6.77	1.03
400	1593	0.251	6.67	7.00	0.45
523	1327	0.394	0.00	6.77	-0.07
416	1626	0.256	6.67	6.72	0.43
404	1442	0.280	6.67	6.84	0.30
348	1822	0.191	10.00	6.82	0.91
284	1622	0.175	13.33	6.92	1.08
281	1650	0.170	13.33	6.87	1.14