

Table OA14. Stable carbon isotopes of hydrous pyrolysis liquids.

Sample #	Formation	Sample ID	Depth (ft)	HP #	Temp (° C)	Job #	Seq	$\delta^{13}\text{C}$ Sat	$\delta^{13}\text{C}$ Aro	Pyrolysate Yield %
31A	Shublik	1 OCS Y-0338 Phoenix	7941.6	2467	300 R	97009	001	-29.59	-29.50	0.00%
31B	Shublik	1 OCS Y-0338 Phoenix	7941.6	2475	320 F	97009	008	-30.46	-30.23	2.74%
31C	Shublik	1 OCS Y-0338 Phoenix	7941.6	2480	340 F	97009	012	-30.36	-30.03	23.63%
31D	Shublik	1 OCS Y-0338 Phoenix	7941.6	2485	360 F	97009	018	-29.36	-29.22	73.63%
							weighted average	-29.63	-29.44	
33A	Hue	13-9-19 Mikkelsen Bay	11159	2469	300 R	97009	002	-30.39	-29.44	
34A	Hue	13-9-19 Mikkelsen Bay	11562	2470	300 F	97009	004	-29.18	-28.19	23.72%
34B	Hue	13-9-19 Mikkelsen Bay	11562	2473	320 F	97009	006	-29.08	-28.44	13.09%
34C	Hue	13-9-19 Mikkelsen Bay	11562	2478	340 F	97009	010	-28.55	-28.08	47.74%
34D	Hue	13-9-19 Mikkelsen Bay	11562	2483	360 F	97009	014	-27.51	-26.48	15.45%
							weighted average	-28.61	-27.91	
38B	Hue	85AMK3A	outcrop	2497	320 R	97009	044	-29.38	-28.48	
42A	Hue	85AMK4B	outcrop	2491	300 F	97009	025	-29.20	-27.94	19.92%
42B	Hue	85AMK4B	outcrop	2495	320 F	97009	039	-28.24	-27.33	45.90%
42C	Hue	85AMK4B	outcrop	2501	340 F	97009	053	-26.97	-26.72	22.56%
42D	Hue	85AMK4B	outcrop	2512	360 F	97009	065	-25.55	-26.23	11.62%
							weighted average	-27.83	-27.19	

R = rinse, F = Free