

US EPA ARCHIVE DOCUMENT

Samples	Waste	Antimony			Outlier (Yes/No)	Arsenic			Outlier (Yes/No)
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score	
1	HRD	0.21	-1.5606	1.6890	<	0.02	-3.9120	0.3000	
2	HRD	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
3	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
4	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
5	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
6	HRD	<	0.13	-2.0402	1.2839	<	0.02	-3.9120	0.3000
7	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
8	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
9	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
10	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
11	HRD	<	0.13	-2.0402	1.2839	<	0.02	-3.9120	0.3000
12	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
13	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
14	HRD	<	0.18	-1.7148	1.5588	<	0.04	-3.2189	2.4744
15	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
16	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
17	HRD	<	0.02	-3.9120	-0.2970	<	0.02	-3.9120	0.3000
18	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
19	HRD	<	0.11	-2.2073	1.1428	<	0.02	-3.9120	0.3000
20	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
21	HRD	<	0.23	-1.4697	1.7658	<	0.03	-3.5066	1.5719
22	HRD	<	0.12	-2.1203	1.2163	<	0.02	-3.9120	0.3000
23	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
24	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
25	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
26	HRD	<	0.25	-1.3863	1.8362	<	0.02	-3.9120	0.3000
27	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
28	HRD	<	0.21	-1.5606	1.6890	<	0.02	-3.9120	0.3000
29	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
30	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
31	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
32	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
33	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
34	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
35	HRD	<	0.12	-2.1203	1.2163	<	0.02	-3.9120	0.3000
36	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
37	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
38	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
39	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
40	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
41	HRD	<	0.16	-1.8326	1.4593	<	0.02	-3.9120	0.3000
42	HRD	<	0.16	-1.8326	1.4593	<	0.02	-3.9120	0.3000
43	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
44	HRD	<	0.21	-1.5606	1.6890	<	0.02	-3.9120	0.3000
45	HRD	<	0.02	-3.9120	-0.2970	<	0.02	-3.9120	0.3000
46	HRD	<	0.1	-2.3026	1.0623	<	0.04	-3.2189	2.4744
47	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
48	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
49	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
50	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
51	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
52	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
53	HRD	<	0.13	-2.0402	1.2839	<	0.02	-3.9120	0.3000
54	HRD	<	0.07	-2.6593	0.7611	<	0.02	-3.9120	0.3000
55	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
56	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
57	HRD	<	0.17	-1.7720	1.5105	<	0.02	-3.9120	0.3000
58	HRD	<	0.16	-1.8326	1.4593	<	0.02	-3.9120	0.3000
59	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
60	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
61	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
62	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
63	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
64	HRD	<	0.06	-2.8134	0.6309	<	0.03	-3.5066	1.5719
65	HRD	<	0.07	-2.6593	0.7611	<	0.02	-3.9120	0.3000
66	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
67	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
68	HRD	<	0.03	-3.5066	0.0455	<	0.02	-3.9120	0.3000
69	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
70	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
71	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
72	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
73	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
74	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
75	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000
76	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000
77	HRD	<	0.14	-1.9661	1.3465	<	0.02	-3.9120	0.3000
78	HRD	<	0.19	-1.6607	1.6044	<	0.02	-3.9120	0.3000
79	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000

Samples	Waste	Antimony			Outlier (Yes/No)	Arsenic			Outlier (Yes/No)	
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score		
80	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000	
81	HRD		0.15	-1.8971	1.4048	<	0.02	-3.9120	0.3000	
82	HRD		0.02	-3.9120	-0.2970	<	0.02	-3.9120	0.3000	
83	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000	
84	HRD	<	0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000	
85	HRD		0.16	-1.8326	1.4593	<	0.02	-3.9120	0.3000	
86	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
87	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
88	HRD		0.18	-1.7148	1.5588	<	0.02	-3.9120	0.3000	
89	HRD		0.24	-1.4271	1.8017	<	0.02	-3.9120	0.3000	
90	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
91	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
92	HRD		0.06	-2.8134	0.6309	<	0.02	-3.9120	0.3000	
93	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
94	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
95	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
96	HRD		0.03	-3.5066	0.0455	<	0.02	-3.9120	0.3000	
97	HRD		0.13	-2.0402	1.2839	<	0.04	-3.2189	2.4744	Yes
98	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
99	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
100	HRD		0.03	-3.5066	0.0455	<	0.02	-3.9120	0.3000	
101	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
102	HRD		0.02	-3.9120	-0.2970	<	0.02	-3.9120	0.3000	
103	HRD		0.02	-3.9120	-0.2970	<	0.02	-3.9120	0.3000	
104	HRD		0.24	-1.4271	1.8017	<	0.02	-3.9120	0.3000	
105	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
106	HRD		0.13	-2.0402	1.2839	<	0.02	-3.9120	0.3000	
107	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
108	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
109	HRD		0.06	-2.8134	0.6309	<	0.03	-3.5066	1.5719	
110	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
111	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
112	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
113	HRD		0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
114	HRD		0.07	-2.6593	0.7611	<	0.02	-3.9120	0.3000	
115	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
116	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
117	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
118	HRD		0.17	-1.7720	1.5105	<	0.02	-3.9120	0.3000	
119	HRD		0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
120	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
121	HRD		0.1	-2.3026	1.0623	<	0.02	-3.9120	0.3000	
122	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
123	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
124	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
125	HRD		0.13	-2.0402	1.2839	<	0.02	-3.9120	0.3000	
126	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
127	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
128	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
129	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
130	HRD	<	0.01	-4.6052	-0.8824	<	0.04	-3.2189	2.4744	Yes
131	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
132	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
133	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
134	HRD		0.19	-1.6607	1.6044	<	0.04	-3.2189	2.4744	Yes
135	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
136	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
137	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
138	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
139	HRD		0.12	-2.1203	1.2163	<	0.02	-3.9120	0.3000	
140	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
141	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
142	HRD		0.03	-3.5066	0.0455	<	0.02	-3.9120	0.3000	
143	HRD		0.13	-2.0402	1.2839	<	0.02	-3.9120	0.3000	
144	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
145	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
146	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
147	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
148	HRD		0.19	-1.6607	1.6044	<	0.02	-3.9120	0.3000	
149	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
150	HRD		0.11	-2.2073	1.1428	<	0.02	-3.9120	0.3000	
151	HRD		0.05	-2.9957	0.4769	<	0.02	-3.9120	0.3000	
152	HRD	<	0.01	-4.6052	-0.8824	<	0.02	-3.9120	0.3000	
1	INMETCO		0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
2	INMETCO		0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
3	INMETCO		0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
4	INMETCO		0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
5	INMETCO		0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
6	INMETCO		0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	

Samples	Waste	Antimony			Outlier (Yes/No)	Arsenic			Outlier (Yes/No)
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score	
7	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
8	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
9	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
10	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
11	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
12	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
13	INMETCO	0.03	-3.5066	0.0455		0.01	-4.6052	-1.8744	
14	INMETCO	0.03	-3.5066	0.0455		0.01	-4.6052	-1.8744	
15	INMETCO	0.02	-3.9120	-0.2970		0.01	-4.6052	-1.8744	
16	INMETCO	0.01	-4.6052	-0.8824		0.03	-3.5066	1.5719	
17	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
18	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
19	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
20	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
21	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
22	INMETCO	0.053	-2.9375	0.5261		0.01	-4.6052	-1.8744	
23	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
24	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
25	INMETCO	0.042	-3.1701	0.3296		0.01	-4.6052	-1.8744	
26	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
27	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
28	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
29	INMETCO	0.02	-3.9120	-0.2970		0.01	-4.6052	-1.8744	
30	INMETCO	0.02	-3.9120	-0.2970		0.03	-3.5066	1.5719	
31	INMETCO	0.01	-4.6052	-0.8824		0.04	-3.2189	2.4744	Yes
32	INMETCO	0.02	-3.9120	-0.2970		0.03	-3.5066	1.5719	
33	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
34	INMETCO	0.06	-2.8134	0.6309		0.01	-4.6052	-1.8744	
35	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
36	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
37	INMETCO	0.02	-3.9120	-0.2970		0.01	-4.6052	-1.8744	
38	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
39	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
40	INMETCO	0.01	-4.6052	-0.8824		0.01	-4.6052	-1.8744	
41	INMETCO								
42	INMETCO								
43	INMETCO								
44	INMETCO								
45	INMETCO								
46	INMETCO								
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48	INMETCO								
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79	INMETCO								
80	INMETCO								
81	INMETCO								
82	INMETCO								
83	INMETCO								
84	INMETCO								
85	INMETCO								

Samples	Waste	Antimony		Z-Score	Outlier (Yes/No)	Arsenic		Z-Score	Outlier (Yes/No)
		Treated	(LN)			Treated	(LN)		
86	INMETCO								
87	INMETCO								
88	INMETCO								
89	INMETCO								
90	INMETCO								
91	INMETCO								
92	INMETCO								
93	INMETCO								
94	INMETCO								
95	INMETCO								
96	INMETCO								
97	INMETCO								
98	INMETCO								
99	INMETCO								
100	INMETCO								
101	INMETCO								
102	INMETCO								
103	INMETCO								
104	INMETCO								
105	INMETCO								
106	INMETCO								
107	INMETCO								
108	INMETCO								
109	INMETCO								
110	INMETCO								
111	INMETCO								
112	INMETCO								
113	INMETCO								
114	INMETCO								
115	INMETCO								
116	INMETCO								
117	INMETCO								
118	INMETCO								
119	INMETCO								
120	INMETCO								
121	INMETCO								
122	INMETCO								
	# of Obs:	192	192	192	0	192	192	192	6
	# of NDs:	95				137			
	Minimum:	0.0100	-4.6052			0.0100	-4.6052		
	Mean:	0.0560	-3.5604			0.0191	-4.0077		
	Maximum:	0.2500	-1.3863			0.0400	-3.2189		
	Std:	0.0617	1.1840			0.0058	0.3188		

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Samples	Waste	Barium			Outlier (Yes/No)	Beryllium			Outlier (Yes/No)	Cadmium			Outlier (Yes/No)	Chromium Treated		
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score				
1	HRD	1.76	0.5653	0.5132		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
2	HRD	1.6	0.4700	0.3886		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
3	HRD	<	0.1	-2.3026	-3.2361	Yes	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1
4	HRD	0.58	-0.5447	-0.9380		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
5	HRD	0.55	-0.5978	-1.0075		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
6	HRD	2.05	0.7178	0.7126		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
7	HRD	1.52	0.4187	0.3215		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
8	HRD	0.4	-0.9163	-1.4238		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
9	HRD	0.64	-0.4463	-0.8093		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
10	HRD	1.52	0.4187	0.3215		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
11	HRD	1.63	0.4886	0.4128		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
12	HRD	0.86	-0.1508	-0.4231		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
13	HRD	0.69	-0.3711	-0.7110		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
14	HRD	1.34	0.2927	0.1567		<	0.004	-5.5215	0.8614	<	0.02	-3.9120	-0.0040	<	0.1	
15	HRD	0.18	-1.7148	-2.4677	Yes	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
16	HRD	1.53	0.4253	0.3301		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
17	HRD	0.38	-0.9676	-1.4908		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
18	HRD	0.45	-0.7985	-1.2698		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
19	HRD	2.13	0.7561	0.7626		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
20	HRD	0.98	-0.0202	-0.2523		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
21	HRD	1.75	0.5596	0.5057		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
22	HRD	4.94	1.5974	1.8624		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
23	HRD	1.39	0.3293	0.2046		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
24	HRD	2.67	0.9821	1.0580		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
25	HRD	1.99	0.6881	0.6737		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
26	HRD	1.65	0.5008	0.4288		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
27	HRD	2.84	1.0438	1.1387		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
28	HRD	2.2	0.7885	0.8049		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
29	HRD	0.92	-0.0834	-0.3349		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
30	HRD	0.62	-0.4780	-0.8508		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
31	HRD	1.94	0.6627	0.6405		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
32	HRD	2.12	0.7514	0.7565		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
33	HRD	0.5	-0.6931	-1.1321		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
34	HRD	1.66	0.5068	0.4367		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
35	HRD	1.74	0.5539	0.4982		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
36	HRD	1.61	0.4762	0.3967		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
37	HRD	0.29	-1.2379	-1.8442		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
38	HRD	1.35	0.3001	0.1664		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
39	HRD	2.39	0.8713	0.9132		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
40	HRD	0.5	-0.6931	-1.1321		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
41	HRD	2.19	0.7839	0.7989		<	0.002	-6.2146	0.1537	<	0.02	-3.9120	-0.0040	<	0.1	
42	HRD	2.76	1.0152	1.1014		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
43	HRD	1.04	0.0392	-0.1746		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
44	HRD	2.71	0.9969	1.0775		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
45	HRD	0.45	-0.7985	-1.2698		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
46	HRD	1.89	0.6366	0.6063		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
47	HRD	1.71	0.5365	0.4755		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
48	HRD	1.32	0.2776	0.1371		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
49	HRD	1.7	0.5306	0.4678		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
50	HRD	0.77	-0.2614	-0.5676		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
51	HRD	1.62	0.4824	0.4048		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
52	HRD	1.37	0.3148	0.1857		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
53	HRD	3.19	1.1600	1.2906		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
54	HRD	1.46	0.3784	0.2689		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
55	HRD	1.63	0.4886	0.4128		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
56	HRD	3.1	1.1314	1.2532		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
57	HRD	2.3	0.8329	0.8630		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
58	HRD	2.25	0.8109	0.8343		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
59	HRD	0.2	-1.6094	-2.3300	Yes	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
60	HRD	1.06	0.0583	-0.1497		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
61	HRD	1.75	0.5596	0.5057		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
62	HRD	1.62	0.4824	0.4048		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
63	HRD	2.26	0.8154	0.8401		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
64	HRD	1.42	0.3507	0.2325		<	0.004	-5.5215	0.8614	<	0.02	-3.9120	-0.0040	<	0.1	
65	HRD	2.11	0.7467	0.7503		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
66	HRD	1.35	0.3001	0.1664		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
67	HRD	1.65	0.5008	0.4288		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
68	HRD	0.23	-1.4697	-2.1472	Yes	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
69	HRD	1.58	0.4574	0.3721		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
70	HRD	0.61	-0.4943	-0.8721		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
71	HRD	0.64	-0.4463	-0.8093		<	0.002	-6.2146	0.1537	<	0.02	-3.9120	-0.0040	<	0.12	
72	HRD	1.58	0.4574	0.3721		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
73	HRD	0.62	-0.4780	-0.8508		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
74	HRD	2.41	0.8796	0.9241		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
75	HRD	4.05	1.3987	1.6027		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
76	HRD	2.47	0.9042	0.9562		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
77	HRD	2.72	1.0006	1.0823		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
78	HRD	2.95	1.0818	1.1884		<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	<	0.1	
79	HRD	0.68	-0.3857	-0.7301		<	0.002	-6.2146	0.1537	<	0.02	-3.9120	-0.0040	<	0.1	

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Samples	Waste	Barium			Outlier (Yes/No)	Beryllium			Outlier (Yes/No)	Cadmium			Chromium Treated
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score	
80	HRD	0.65	-0.4308	-0.7891		0.002	-6.2146	0.1537		0.02	-3.9120	-0.0040	0.1
81	HRD	2.27	0.8198	0.8458	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
82	HRD	1.8	0.5878	0.5425	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
83	HRD	3.6	1.2809	1.4487	<	0.002	-6.2146	0.1537	<	0.02	-3.9120	-0.0040	0.1
84	HRD	1.87	0.6259	0.5924	<	0.002	-6.2146	0.1537	<	0.02	-3.9120	-0.0040	0.1
85	HRD	1.57	0.4511	0.3638	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
86	HRD	1.79	0.5822	0.5353	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
87	HRD	3.09	1.1282	1.2490	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
88	HRD	1.99	0.6881	0.6737	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
89	HRD	1.68	0.5188	0.4523	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
90	HRD	1.58	0.4574	0.3721	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
91	HRD	3	1.0986	1.2104	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
92	HRD	1.51	0.4121	0.3129	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
93	HRD	3	1.0986	1.2104	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
94	HRD	2.93	1.0750	1.1795	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
95	HRD	0.33	-1.1087	-1.6753	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
96	HRD	0.39	-0.9416	-1.4569	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
97	HRD	0.91	-0.0943	-0.3492	<	0.006	-5.1160	1.2754	<	0.02	-3.9120	-0.0040	0.1
98	HRD	1.11	0.1044	-0.0895	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
99	HRD	0.78	-0.2485	-0.5507	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
100	HRD	0.91	-0.0943	-0.3492	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
101	HRD	2.09	0.7372	0.7378	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
102	HRD	0.27	-1.3093	-1.9376	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
103	HRD	0.76	-0.2744	-0.5847	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
104	HRD	3.32	1.2000	1.3429	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
105	HRD	1.97	0.6780	0.6605	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
106	HRD	1.49	0.3988	0.2954	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
107	HRD	0.73	-0.3147	-0.6373	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
108	HRD	1.54	0.4318	0.3386	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
109	HRD	1	0.0000	-0.2259	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
110	HRD	2.74	1.0080	1.0918	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
111	HRD	2.15	0.7655	0.7748	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
112	HRD	1.81	0.5933	0.5498	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
113	HRD	1.19	0.1740	0.0015	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
114	HRD	0.99	-0.0101	-0.2390	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
115	HRD	1.45	0.3716	0.2599	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
116	HRD	2.02	0.7031	0.6933	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
117	HRD	1.22	0.1989	0.0341	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
118	HRD	0.81	-0.2107	-0.5014	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
119	HRD	1.73	0.5481	0.4907	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
120	HRD	1.76	0.5653	0.5132	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
121	HRD	1.42	0.3507	0.2325	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
122	HRD	1.56	0.4447	0.3555	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
123	HRD	1.47	0.3853	0.2778	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
124	HRD	1.77	0.5710	0.5206	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
125	HRD	1.26	0.2311	0.0762	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
126	HRD	2.06	0.7227	0.7189	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
127	HRD	2.96	1.0852	1.1928	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
128	HRD	0.67	-0.4005	-0.7494	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
129	HRD	1.81	0.5933	0.5498	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
130	HRD	0.44	-0.8210	-1.2992	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
131	HRD	4.69	1.5454	1.7945	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
132	HRD	0.99	-0.0101	-0.2390	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
133	HRD	0.47	-0.7550	-1.2130	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
134	HRD	1.54	0.4318	0.3386	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
135	HRD	2.23	0.8020	0.8226	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
136	HRD	3.34	1.2060	1.3507	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
137	HRD	2.06	0.7227	0.7189	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
138	HRD	2.26	0.8154	0.8401	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
139	HRD	2.41	0.8796	0.9241	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
140	HRD	4.18	1.4303	1.6440	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
141	HRD	3.23	1.1725	1.3069	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
142	HRD	2.41	0.8796	0.9241	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.12
143	HRD	1.69	0.5247	0.4601	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
144	HRD	4	1.3863	1.5865	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
145	HRD	3.34	1.2060	1.3507	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
146	HRD	1.05	0.0488	-0.1621	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
147	HRD	0.96	-0.0408	-0.2793	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
148	HRD	0.73	-0.3147	-0.6373	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
149	HRD	3.41	1.2267	1.3778	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
150	HRD	1.68	0.5188	0.4523	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
151	HRD	1.52	0.4187	0.3215	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
152	HRD	3.45	1.2384	1.3931	<	0.001	-6.9078	-0.5540	<	0.02	-3.9120	-0.0040	0.1
1	INMETCO	1.26	0.2311	0.0762		0.01	-4.6052	1.7969		0.01	-4.6052	-1.5560	0.32
2	INMETCO	0.23	-1.4697	-2.1472	Yes	0.02	-3.9120	2.5046	Yes	0.01	-4.6052	-1.5560	0.29
3	INMETCO	0.58	-0.5447	-0.9380		0.01	-4.6052	1.7969		0.01	-4.6052	-1.5560	0.01
4	INMETCO	0.23	-1.4697	-2.1472	Yes	0.01	-4.6052	1.7969		0.01	-4.6052	-1.5560	0.02
5	INMETCO	1.81	0.5933	0.5498		0.01	-4.6052	1.7969		0.05	-2.9957	2.0476	0.09
6	INMETCO	0.92	-0.0834	-0.3349		0.02	-3.9120	2.5046	Yes	0.1	-2.3026	3.5995	0.11

Samples	Waste	Barium			Beryllium			Cadmium			Chromium			
		Treated	(LN)	Z-Score	Treated	(LN)	Z-Score	Treated	(LN)	Z-Score		Treated		
86	INMETCO													
87	INMETCO													
88	INMETCO													
89	INMETCO													
90	INMETCO													
91	INMETCO													
92	INMETCO													
93	INMETCO													
94	INMETCO													
95	INMETCO													
96	INMETCO													
97	INMETCO													
98	INMETCO													
99	INMETCO													
100	INMETCO													
101	INMETCO													
102	INMETCO													
103	INMETCO													
104	INMETCO													
105	INMETCO													
106	INMETCO													
107	INMETCO													
108	INMETCO													
109	INMETCO													
110	INMETCO													
111	INMETCO													
112	INMETCO													
113	INMETCO													
114	INMETCO													
115	INMETCO													
116	INMETCO													
117	INMETCO													
118	INMETCO													
119	INMETCO													
120	INMETCO													
121	INMETCO													
122	INMETCO													
	# of Obs:	192	192	192	7	192	192	192	5	192	192	192	9	192
	# of NDs:	1				143				152				150
	Minimum:	0.1000	-2.3026			0.0010	-6.9078			0.0100	-4.6052			0.0100
	Mean:	1.5203	0.1728			0.0032	-6.3651			0.0240	-3.9102			0.1057
	Maximum:	4.9400	1.5974			0.0200	-3.9120			0.3800	-0.9676			0.6500
	Std:	0.9808	0.7649			0.0044	0.9794			0.0326	0.4466			0.0718

Samples	Waste	Outlier			Lead			Outlier (Yes/No)
		(LN)	Z-Score	(Yes/No)	Treated	(LN)	Z-Score	
1	HRD	-2.3026	0.1268		0.16	-1.8326	1.7002	
2	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
3	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
4	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
5	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
6	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
7	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
8	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
9	HRD	-2.3026	0.1268	<	0.03	-3.5066	0.2408	
10	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
11	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
12	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
13	HRD	-2.3026	0.1268	<	0.28	-1.2730	2.1881	Yes
14	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
15	HRD	-2.3026	0.1268	<	0.06	-2.8134	0.8451	
16	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
17	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
18	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
19	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
20	HRD	-2.3026	0.1268	<	0.15	-1.8971	1.6439	
21	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
22	HRD	-2.3026	0.1268	<	0.66	-0.4155	2.9356	Yes
23	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
24	HRD	-2.3026	0.1268	<	0.31	-1.1712	2.2768	Yes
25	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
26	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
27	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
28	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
29	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
30	HRD	-2.3026	0.1268	<	0.14	-1.9661	1.5838	
31	HRD	-2.3026	0.1268	<	0.11	-2.2073	1.3735	
32	HRD	-2.3026	0.1268	<	0.31	-1.1712	2.2768	Yes
33	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
34	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
35	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
36	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
37	HRD	-2.3026	0.1268	<	0.12	-2.1203	1.4494	
38	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
39	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
40	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
41	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
42	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
43	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
44	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
45	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
46	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
47	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
48	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
49	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
50	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
51	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
52	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
53	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
54	HRD	-2.3026	0.1268	<	0.06	-2.8134	0.8451	
55	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
56	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
57	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
58	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
59	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
60	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
61	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
62	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
63	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
64	HRD	-2.3026	0.1268	<	0.02	-3.9120	-0.1127	
65	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
66	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
67	HRD	-2.3026	0.1268	<	0.32	-1.1394	2.3045	Yes
68	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
69	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
70	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
71	HRD	-2.1203	0.4972	<	0.1	-2.3026	1.2904	
72	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
73	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
74	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
75	HRD	-2.3026	0.1268	<	0.54	-0.6162	2.7606	Yes
76	HRD	-2.3026	0.1268	<	0.11	-2.2073	1.3735	
77	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
78	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
79	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	

Samples	Waste	Outlier			Lead			Outlier (Yes/No)
		(LN)	Z-Score	(Yes/No)	Treated	(LN)	Z-Score	
80	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
81	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
82	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
83	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
84	HRD	-2.3026	0.1268	<	0.1	-2.3026	1.2904	
85	HRD	-2.3026	0.1268	<	0.02	-3.9120	-0.1127	
86	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
87	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
88	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
89	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
90	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
91	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
92	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
93	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
94	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
95	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
96	HRD	-2.3026	0.1268	<	0.07	-2.6593	0.9795	
97	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
98	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
99	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
100	HRD	-2.3026	0.1268	<	0.02	-3.9120	-0.1127	
101	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
102	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
103	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
104	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
105	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
106	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
107	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
108	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
109	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
110	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
111	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
112	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
113	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
114	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
115	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
116	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
117	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
118	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
119	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
120	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
121	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
122	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
123	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
124	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
125	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
126	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
127	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
128	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
129	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
130	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
131	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
132	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
133	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
134	HRD	-2.3026	0.1268	<	0.06	-2.8134	0.8451	
135	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
136	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
137	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
138	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
139	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
140	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
141	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
142	HRD	-2.1203	0.4972	<	0.01	-4.6052	-0.7170	
143	HRD	-2.3026	0.1268	<	0.32	-1.1394	2.3045	Yes
144	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
145	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
146	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
147	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
148	HRD	-2.3026	0.1268	<	0.37	-0.9943	2.4310	Yes
149	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
150	HRD	-2.3026	0.1268	<	0.63	-0.4620	2.8950	Yes
151	HRD	-2.3026	0.1268	<	0.59	-0.5276	2.8378	Yes
152	HRD	-2.3026	0.1268	<	0.01	-4.6052	-0.7170	
1	INMETCO	-1.1394	2.4898	Yes	0.03	-3.5066	0.2408	
2	INMETCO	-1.2379	2.2899	Yes	0.02	-3.9120	-0.1127	
3	INMETCO	-4.6052	-4.5509	Yes	0.01	-4.6052	-0.7170	
4	INMETCO	-3.9120	-3.1428	Yes	0.01	-4.6052	-0.7170	
5	INMETCO	-2.4079	-0.0872		0.05	-2.9957	0.6861	
6	INMETCO	-2.2073	0.3205		0.01	-4.6052	-0.7170	

Samples	Waste	Outlier			Lead			Outlier (Yes/No)
		(LN)	Z-Score	(Yes/No)	Treated	(LN)	Z-Score	
7	INMETCO	-2.6593	-0.5978		0.03	-3.5066	0.2408	
8	INMETCO	-2.6593	-0.5978		0.04	-3.2189	0.4916	
9	INMETCO	-3.2189	-1.7346		0.02	-3.9120	-0.1127	
10	INMETCO	-3.2189	-1.7346		0.02	-3.9120	-0.1127	
11	INMETCO	-0.5798	3.6267	Yes	0.14	-1.9661	1.5838	
12	INMETCO	-3.2189	-1.7346		0.02	-3.9120	-0.1127	
13	INMETCO	-3.2189	-1.7346		0.04	-3.2189	0.4916	
14	INMETCO	-3.5066	-2.3191	Yes	0.03	-3.5066	0.2408	
15	INMETCO	-2.6593	-0.5978		0.02	-3.9120	-0.1127	
16	INMETCO	-3.5066	-2.3191	Yes	0.01	-4.6052	-0.7170	
17	INMETCO	-3.2189	-1.7346		0.01	-4.6052	-0.7170	
18	INMETCO	-2.2073	0.3205		0.04	-3.2189	0.4916	
19	INMETCO	-1.9661	0.8104		0.04	-3.2189	0.4916	
20	INMETCO	-2.6593	-0.5978		0.03	-3.5066	0.2408	
21	INMETCO	-0.4943	3.8005	Yes	0.05	-2.9957	0.6861	
22	INMETCO	-4.6052	-4.5509	Yes	0.01	-4.6052	-0.7170	
23	INMETCO	-4.6052	-4.5509	Yes	0.01	-4.6052	-0.7170	
24	INMETCO	-4.6052	-4.5509	Yes	0.01	-4.6052	-0.7170	
25	INMETCO	-2.6593	-0.5978		0.02	-3.9120	-0.1127	
26	INMETCO	-2.8134	-0.9109		0.02	-3.9120	-0.1127	
27	INMETCO	-2.6593	-0.5978		0.02	-3.9120	-0.1127	
28	INMETCO	-2.6593	-0.5978		0.02	-3.9120	-0.1127	
29	INMETCO	-2.5257	-0.3265		0.07	-2.6593	0.9795	
30	INMETCO	-2.5257	-0.3265		0.05	-2.9957	0.6861	
31	INMETCO	-1.8326	1.0817		0.05	-2.9957	0.6861	
32	INMETCO	-0.4308	3.9295	Yes	0.06	-2.8134	0.8451	
33	INMETCO	-1.6094	1.5350		0.03	-3.5066	0.2408	
34	INMETCO	-2.4079	-0.0872		0.03	-3.5066	0.2408	
35	INMETCO	-2.5257	-0.3265		0.03	-3.5066	0.2408	
36	INMETCO	-2.1203	0.4972		0.03	-3.5066	0.2408	
37	INMETCO	-2.8134	-0.9109		0.01	-4.6052	-0.7170	
38	INMETCO	-1.2379	2.2899	Yes	0.01	-4.6052	-0.7170	
39	INMETCO	-2.6593	-0.5978		0.05	-2.9957	0.6861	
40	INMETCO	-2.6593	-0.5978		0.01	-4.6052	-0.7170	
41	INMETCO							
42	INMETCO							
43	INMETCO							
44	INMETCO							
45	INMETCO							
46	INMETCO							
47	INMETCO							
48	INMETCO							
49	INMETCO							
50	INMETCO							
51	INMETCO							
52	INMETCO							
53	INMETCO							
54	INMETCO							
55	INMETCO							
56	INMETCO							
57	INMETCO							
58	INMETCO							
59	INMETCO							
60	INMETCO							
61	INMETCO							
62	INMETCO							
63	INMETCO							
64	INMETCO							
65	INMETCO							
66	INMETCO							
67	INMETCO							
68	INMETCO							
69	INMETCO							
70	INMETCO							
71	INMETCO							
72	INMETCO							
73	INMETCO							
74	INMETCO							
75	INMETCO							
76	INMETCO							
77	INMETCO							
78	INMETCO							
79	INMETCO							
80	INMETCO							
81	INMETCO							
82	INMETCO							
83	INMETCO							
84	INMETCO							
85	INMETCO							

Samples	Waste	Outlier			Lead Treated			Outlier	
		(LN)	Z-Score	(Yes/No)	(LN)	Z-Score	(Yes/No)	(Yes/No)	
86	INMETCO								
87	INMETCO								
88	INMETCO								
89	INMETCO								
90	INMETCO								
91	INMETCO								
92	INMETCO								
93	INMETCO								
94	INMETCO								
95	INMETCO								
96	INMETCO								
97	INMETCO								
98	INMETCO								
99	INMETCO								
100	INMETCO								
101	INMETCO								
102	INMETCO								
103	INMETCO								
104	INMETCO								
105	INMETCO								
106	INMETCO								
107	INMETCO								
108	INMETCO								
109	INMETCO								
110	INMETCO								
111	INMETCO								
112	INMETCO								
113	INMETCO								
114	INMETCO								
115	INMETCO								
116	INMETCO								
117	INMETCO								
118	INMETCO								
119	INMETCO								
120	INMETCO								
121	INMETCO								
122	INMETCO								
	# of Obs:	192	192	13	192	192	192	10	
	# of NDs:				123				
	Minimum:				0.0100	-4.6052			
	Mean:				0.0536	-3.7827			
	Maximum:				0.6600	-0.4155			
	Std:				0.1020	1.1470			

Samples	Waste	Mercury			Outlier (Yes/No)	Nickel			Outlier (Yes/No)
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score	
1	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
2	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
3	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
4	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
5	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
6	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
7	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
8	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
9	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
10	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
11	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
12	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
13	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
14	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
15	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
16	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
17	HRD	<	0.01	-4.6052	0.0000	<	0.74	-0.3011	0.4682
18	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
19	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
20	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
21	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
22	HRD	<	0.01	-4.6052	0.0000	<	0.18	-1.7148	-0.2690
23	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
24	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
25	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
26	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
27	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
28	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
29	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
30	HRD	<	0.01	-4.6052	0.0000	<	1.87	0.6259	0.9516
31	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
32	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
33	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
34	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
35	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
36	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
37	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
38	HRD	<	0.01	-4.6052	0.0000	<	0.09	-2.4079	-0.6304
39	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
40	HRD	<	0.01	-4.6052	0.0000	<	0.41	-0.8916	0.1603
41	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
42	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
43	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
44	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
45	HRD	<	0.01	-4.6052	0.0000	<	0.31	-1.1712	0.0145
46	HRD	<	0.01	-4.6052	0.0000	<	0.06	-2.8134	-0.8418
47	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
48	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
49	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
50	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
51	HRD	<	0.01	-4.6052	0.0000	<	2.59	0.9517	1.1214
52	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
53	HRD	<	0.01	-4.6052	0.0000	<	0.09	-2.4079	-0.6304
54	HRD	<	0.01	-4.6052	0.0000	<	2.48	0.9083	1.0988
55	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
56	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
57	HRD	<	0.01	-4.6052	0.0000	<	0.07	-2.6593	-0.7614
58	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
59	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
60	HRD	<	0.01	-4.6052	0.0000	<	0.06	-2.8134	-0.8418
61	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
62	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
63	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
64	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
65	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
66	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
67	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
68	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
69	HRD	<	0.01	-4.6052	0.0000	<	0.08	-2.5257	-0.6918
70	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
71	HRD	<	0.01	-4.6052	0.0000	<	0.08	-2.5257	-0.6918
72	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
73	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
74	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
75	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
76	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
77	HRD	<	0.01	-4.6052	0.0000	<	0.06	-2.8134	-0.8418
78	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
79	HRD	<	0.01	-4.6052	0.0000	<	0.07	-2.6593	-0.7614

Samples	Waste	Mercury Treated			Outlier (Yes/No)	Nickel Treated			Outlier (Yes/No)
		(LN)	Z-Score	(LN)		Z-Score			
80	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
81	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
82	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
83	HRD	<	0.01	-4.6052	0.0000	<	0.08	-2.5257	-0.6918
84	HRD	<	0.01	-4.6052	0.0000	<	0.07	-2.6593	-0.7614
85	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
86	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
87	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
88	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
89	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
90	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
91	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
92	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
93	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
94	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
95	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
96	HRD	<	0.01	-4.6052	0.0000	<	0.09	-2.4079	-0.6304
97	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
98	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
99	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
100	HRD	<	0.01	-4.6052	0.0000	<	0.12	-2.1203	-0.4804
101	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
102	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
103	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
104	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
105	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
106	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
107	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
108	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
109	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
110	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
111	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
112	HRD	<	0.01	-4.6052	0.0000	<	0.26	-1.3471	-0.0772
113	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
114	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
115	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
116	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
117	HRD	<	0.01	-4.6052	0.0000	<	0.07	-2.6593	-0.7614
118	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
119	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
120	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
121	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
122	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
123	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
124	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
125	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
126	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
127	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
128	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
129	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
130	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
131	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
132	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
133	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
134	HRD	<	0.01	-4.6052	0.0000	<	0.09	-2.4079	-0.6304
135	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
136	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
137	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
138	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
139	HRD	<	0.01	-4.6052	0.0000	<	0.06	-2.8134	-0.8418
140	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
141	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
142	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
143	HRD	<	0.01	-4.6052	0.0000	<	0.09	-2.4079	-0.6304
144	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
145	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
146	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
147	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
148	HRD	<	0.01	-4.6052	0.0000	<	0.11	-2.2073	-0.5257
149	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
150	HRD	<	0.01	-4.6052	0.0000	<	0.12	-2.1203	-0.4804
151	HRD	<	0.01	-4.6052	0.0000	<	0.12	-2.1203	-0.4804
152	HRD	<	0.01	-4.6052	0.0000	<	0.05	-2.9957	-0.9369
1	INMETCO						3.54	1.2641	1.2843
2	INMETCO						4.51	1.5063	1.4106
3	INMETCO						2.32	0.8416	1.0640
4	INMETCO						1.7	0.5306	0.9019
5	INMETCO						2.79	1.0260	1.1602
6	INMETCO						3.8	1.3350	1.3213

Samples	Waste	Mercury Treated		Z-Score	Outlier (Yes/No)	Nickel Treated		Z-Score	Outlier (Yes/No)
		(LN)				(LN)			
7	INMETCO					2.77	1.0188	1.1564	
8	INMETCO					4.5	1.5041	1.4094	
9	INMETCO					2.71	0.9969	1.1450	
10	INMETCO					2.85	1.0473	1.1713	
11	INMETCO					2.3	0.8329	1.0595	
12	INMETCO					1.47	0.3853	0.8261	
13	INMETCO					0.78	-0.2485	0.4956	
14	INMETCO					1.08	0.0770	0.6653	
15	INMETCO					2.74	1.0080	1.1507	
16	INMETCO					4.55	1.5151	1.4152	
17	INMETCO					2.41	0.8796	1.0838	
18	INMETCO					2.96	1.0852	1.1910	
19	INMETCO					4.91	1.5913	1.4549	
20	INMETCO					2.49	0.9123	1.1009	
21	INMETCO					3.06	1.1184	1.2083	
22	INMETCO					2.15	0.7655	1.0243	
23	INMETCO					4.22	1.4398	1.3759	
24	INMETCO					4.08	1.4061	1.3583	
25	INMETCO					4.78	1.5644	1.4409	
26	INMETCO					4.49	1.5019	1.4083	
27	INMETCO					4.54	1.5129	1.4140	
28	INMETCO					3.74	1.3191	1.3130	
29	INMETCO					1.48	0.3920	0.8296	
30	INMETCO					1.5	0.4055	0.8366	
31	INMETCO					1.41	0.3436	0.8043	
32	INMETCO					1.88	0.6313	0.9543	
33	INMETCO					2.79	1.0260	1.1602	
34	INMETCO					2.4	0.8755	1.0817	
35	INMETCO					2.66	0.9783	1.1353	
36	INMETCO					3.74	1.3191	1.3130	
37	INMETCO					1.54	0.4318	0.8503	
38	INMETCO					2.34	0.8502	1.0685	
39	INMETCO					3.97	1.3788	1.3441	
40	INMETCO					4.78	1.5644	1.4409	
41	INMETCO					1.16	0.1484	0.7026	
42	INMETCO					0.85	-0.1625	0.5404	
43	INMETCO					0.51	-0.6733	0.2741	
44	INMETCO					1.56	0.4447	0.8570	
45	INMETCO					1.43	0.3577	0.8117	
46	INMETCO					3.32	1.2000	1.2509	
47	INMETCO					1.05	0.0488	0.6506	
48	INMETCO					1.33	0.2852	0.7739	
49	INMETCO					2.53	0.9282	1.1092	
50	INMETCO					3.1	1.1314	1.2151	
51	INMETCO					0.65	-0.4308	0.4006	
52	INMETCO					0.22	-1.5141	-0.1643	
53	INMETCO					5.5	1.7047	1.5141	
54	INMETCO					1.97	0.6780	0.9787	
55	INMETCO					0.84	-0.1744	0.5343	
56	INMETCO					0.2	-1.6094	-0.2140	
57	INMETCO					0.96	-0.0408	0.6039	
58	INMETCO					1.92	0.6523	0.9653	
59	INMETCO					0.27	-1.3093	-0.0575	
60	INMETCO					0.88	-0.1278	0.5585	
61	INMETCO					0.2	-1.6094	-0.2140	
62	INMETCO					4.55	1.5151	1.4152	
63	INMETCO					1.28	0.2469	0.7539	
64	INMETCO					1.47	0.3853	0.8261	
65	INMETCO					0.71	-0.3425	0.4466	
66	INMETCO					0.52	-0.6539	0.2842	
67	INMETCO					0.33	-1.1087	0.0471	
68	INMETCO					1.09	0.0862	0.6701	
69	INMETCO					1.03	0.0296	0.6406	
70	INMETCO					1.2	0.1823	0.7202	
71	INMETCO					1	0.0000	0.6252	
72	INMETCO					0.88	-0.1278	0.5585	
73	INMETCO					3.48	1.2470	1.2754	
74	INMETCO					5.78	1.7544	1.5400	
75	INMETCO					4.72	1.5518	1.4343	
76	INMETCO					5.48	1.7011	1.5122	
77	INMETCO					4.63	1.5326	1.4243	
78	INMETCO					2.71	0.9969	1.1450	
79	INMETCO					4.4	1.4816	1.3977	
80	INMETCO					9.81	2.2834	1.8158	
81	INMETCO					7.3	1.9879	1.6617	
82	INMETCO					5.66	1.7334	1.5290	
83	INMETCO					5.12	1.6332	1.4767	
84	INMETCO					2.82	1.0367	1.1658	
85	INMETCO					2.83	1.0403	1.1676	

Samples	Waste	Mercury Treated		Z-Score	Outlier (Yes/No)	Nickel Treated		Z-Score	Outlier (Yes/No)
		(LN)				(LN)			
86	INMETCO					1.79	0.5822	0.9288	
87	INMETCO					2.34	0.8502	1.0685	
88	INMETCO					2.47	0.9042	1.0967	
89	INMETCO					3.75	1.3218	1.3144	
90	INMETCO					2.77	1.0188	1.1564	
91	INMETCO					4.8	1.5686	1.4431	
92	INMETCO					4.61	1.5282	1.4220	
93	INMETCO					4.4	1.4816	1.3977	
94	INMETCO					2.95	1.0818	1.1893	
95	INMETCO					2.11	0.7467	1.0145	
96	INMETCO					1.18	0.1655	0.7115	
97	INMETCO					2.37	0.8629	1.0751	
98	INMETCO					1.43	0.3577	0.8117	
99	INMETCO					4.34	1.4679	1.3906	
100	INMETCO					2.1	0.7419	1.0120	
101	INMETCO					1.64	0.4947	0.8831	
102	INMETCO					0.46	-0.7765	0.2203	
103	INMETCO					3.92	1.3661	1.3375	
104	INMETCO					1.81	0.5933	0.9346	
105	INMETCO					2	0.6931	0.9866	
106	INMETCO					7.21	1.9755	1.6552	
107	INMETCO					2.36	0.8587	1.0729	
108	INMETCO					4.04	1.3962	1.3532	
109	INMETCO					8.62	2.1541	1.7484	
110	INMETCO					1.3	0.2624	0.7620	
111	INMETCO					1.67	0.5128	0.8926	
112	INMETCO					1.55	0.4383	0.8537	
113	INMETCO					1.37	0.3148	0.7893	
114	INMETCO					3.69	1.3056	1.3060	
115	INMETCO					3.21	1.1663	1.2333	
116	INMETCO					3.75	1.3218	1.3144	
117	INMETCO					1.85	0.6152	0.9459	
118	INMETCO					2.19	0.7839	1.0339	
119	INMETCO					2.87	1.0543	1.1749	
120	INMETCO					4.16	1.4255	1.3685	
121	INMETCO					8.77	2.1713	1.7574	
122	INMETCO					3.01	1.1019	1.1998	
	# of Obs:	152	152	152	0	274	274	274	0
	# of NDs:	152				121			
	Minimum:	0.0100	-4.6052			0.0500	-2.9957		
	Mean:	0.0100	-4.6052			1.3123	-1.1990		
	Maximum:	0.0100	-4.6052			9.8100	2.2834		
	Std:	0.0000	0.0000			1.8317	1.9178		

Samples	Waste	Selenium			Outlier (Yes/No)	Silver			Outlier (Yes/No)	Thallium			Vanadium Treated
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score	
7	INMETCO	0.03	-3.5066	0.2109		0.02	-3.9120	0.2068					0.0100
8	INMETCO	0.09	-2.4079	1.8625		0.5	-0.6931	4.2557	Yes				0.0100
9	INMETCO	0.14	-1.9661	2.5267	Yes	0.02	-3.9120	0.2068					0.0100
10	INMETCO	0.15	-1.8971	2.6305	Yes	0.02	-3.9120	0.2068					0.0100
11	INMETCO	0.1	-2.3026	2.0209	Yes	0.02	-3.9120	0.2068					0.0100
12	INMETCO	0.07	-2.6593	1.4847		0.02	-3.9120	0.2068					0.0100
13	INMETCO	0.09	-2.4079	1.8625		0.01	-4.6052	-0.6651					0.0100
14	INMETCO	0.05	-2.9957	0.9788		0.02	-3.9120	0.2068					0.0100
15	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					0.0100
16	INMETCO	0.01	-4.6052	-1.4408		0.01	-4.6052	-0.6651					0.0100
17	INMETCO	0.04	-3.2189	0.6434		0.02	-3.9120	0.2068					0.0100
18	INMETCO	0.05	-2.9957	0.9788		0.02	-3.9120	0.2068					0.0100
19	INMETCO	0.02	-3.9120	-0.3987		0.02	-3.9120	0.2068					0.0100
20	INMETCO	0.03	-3.5066	0.2109		0.02	-3.9120	0.2068					0.0100
21	INMETCO	0.02	-3.9120	-0.3987		0.02	-3.9120	0.2068					0.0100
22	INMETCO	0.1	-2.3026	2.0209	Yes	0.01	-4.6052	-0.6651					0.0100
23	INMETCO	0.09	-2.4079	1.8625		0.03	-3.5066	0.7168					0.0100
24	INMETCO	0.09	-2.4079	1.8625		0.02	-3.9120	0.2068					0.0100
25	INMETCO	0.03	-3.5066	0.2109		0.03	-3.5066	0.7168					0.0100
26	INMETCO	0.05	-2.9957	0.9788		0.03	-3.5066	0.7168					0.0100
27	INMETCO	0.03	-3.5066	0.2109		0.03	-3.5066	0.7168					0.0100
28	INMETCO	0.04	-3.2189	0.6434		0.03	-3.5066	0.7168					0.0100
29	INMETCO	0.08	-2.5257	1.6854		0.03	-3.5066	0.7168					0.0100
30	INMETCO	0.03	-3.5066	0.2109		0.04	-3.2189	1.0787					0.0100
31	INMETCO	0.027	-3.6119	0.0525		0.04	-3.2189	1.0787					0.0100
32	INMETCO	0.009	-4.7105	-1.5992		0.03	-3.5066	0.7168					0.0100
33	INMETCO	0.041	-3.1942	0.6805		0.03	-3.5066	0.7168					0.0100
34	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					0.0100
35	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					0.0100
36	INMETCO	<	0.01	-4.6052	-1.4408	0.04	-3.2189	1.0787					0.0100
37	INMETCO	<	0.01	-4.6052	-1.4408	0.02	-3.9120	0.2068					0.0100
38	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					0.0300
39	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					0.0100
40	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					0.0100
41	INMETCO	0.09	-2.4079	1.8625		0.07	-2.6593	1.7826					
42	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					
43	INMETCO	<	0.01	-4.6052	-1.4408	0.05	-2.9957	1.3594					
44	INMETCO	0.04	-3.2189	0.6434		0.08	-2.5257	1.9506					
45	INMETCO	0.09	-2.4079	1.8625		0.06	-2.8134	1.5887					
46	INMETCO	0.05	-2.9957	0.9788		0.06	-2.8134	1.5887					
47	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					
48	INMETCO	0.06	-2.8134	1.2529		0.29	-1.2379	3.5705	Yes				
49	INMETCO	<	0.01	-4.6052	-1.4408	0.04	-3.2189	1.0787					
50	INMETCO	<	0.01	-4.6052	-1.4408	0.41	-0.8916	4.0061	Yes				
51	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					
52	INMETCO	<	0.01	-4.6052	-1.4408	0.05	-2.9957	1.3594					
53	INMETCO	0.12	-1.1203	2.2950	Yes	0.01	-4.6052	-0.6651					
54	INMETCO	0.14	-1.9661	2.5267	Yes	0.01	-4.6052	-0.6651					
55	INMETCO	0.09	-2.4079	1.8625		0.01	-4.6052	-0.6651					
56	INMETCO	0.09	-2.4079	1.8625		0.07	-2.6593	1.7826					
57	INMETCO	0.08	-2.5257	1.6854		0.01	-4.6052	-0.6651					
58	INMETCO	0.03	-3.5066	0.2109		0.01	-4.6052	-0.6651					
59	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					
60	INMETCO	0.06	-2.8134	1.2529		0.02	-3.9120	0.2068					
61	INMETCO	0.07	-2.6593	1.4847		0.01	-4.6052	-0.6651					
62	INMETCO	0.14	-1.9661	2.5267	Yes	0.01	-4.6052	-0.6651					
63	INMETCO	0.11	-2.2073	2.1642	Yes	0.01	-4.6052	-0.6651					
64	INMETCO	0.07	-2.6593	1.4847		0.01	-4.6052	-0.6651					
65	INMETCO	0.12	-1.1203	2.2950	Yes	0.01	-4.6052	-0.6651					
66	INMETCO	0.1	-2.3026	2.0209	Yes	0.01	-4.6052	-0.6651					
67	INMETCO	0.13	-2.0402	2.4153	Yes	0.03	-3.5066	0.7168					
68	INMETCO	0.16	-1.8326	2.7275	Yes	0.07	-2.6593	1.7826					
69	INMETCO	0.06	-2.8134	1.2529		0.05	-2.9957	1.3594					
70	INMETCO	<	0.01	-4.6052	-1.4408	0.01	-4.6052	-0.6651					
71	INMETCO	0.01	-4.6052	-1.4408		0.05	-2.9957	1.3594					
72	INMETCO	<	0.01	-4.6052	-1.4408	0.09	-2.4079	2.0987	Yes				
73	INMETCO	0.03	-3.5066	0.2109		0.12	-2.1203	2.4606	Yes				
74	INMETCO	0.07	-2.6593	1.4847		0.05	-2.9957	1.3594					
75	INMETCO	0.08	-2.5257	1.6854		0.10	-2.3026	2.2312	Yes				
76	INMETCO	0.05	-2.9957	0.9788		0.04	-3.2189	1.0787					
77	INMETCO	0.09	-2.4079	1.8625		0.02	-3.9120	0.2068					
78	INMETCO	0.01	-4.6052	-1.4408		0.04	-3.2189	1.0787					
79	INMETCO	0.01	-4.6052	-1.4408		0.07	-2.6593	1.7826					
80	INMETCO	<	0.01	-4.6052	-1.4408	0.10	-2.3026	2.2312	Yes				
81	INMETCO	<	0.01	-4.6052	-1.4408	0.07	-2.6593	1.7826					
82	INMETCO	<	0.01	-4.6052	-1.4408	0.02	-3.9120	0.2068					
83	INMETCO	<	0.01	-4.6052	-1.4408	0.06	-2.8134	1.5887					
84	INMETCO	<	0.01	-4.6052	-1.4408	0.03	-3.5066	0.7168					
85	INMETCO	<	0.01	-4.6052	-1.4408	0.07	-2.6593	1.7826					

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Samples	Waste	Selenium			Outlier (Yes/No)	Silver			Outlier (Yes/No)	Thallium			Vanadium Treated
		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score		Treated	(LN)	Z-Score	
86	INMETCO	< 0.01	-4.6052	-1.4408		0.03	-3.5066	0.7168					
87	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					
88	INMETCO	0.04	-3.2189	0.6434		0.02	-3.9120	0.2068					
89	INMETCO	0.06	-2.8134	1.2529		0.01	-4.6052	-0.6651					
90	INMETCO	0.06	-2.8134	1.2529		0.01	-4.6052	-0.6651					
91	INMETCO	0.06	-2.8134	1.2529		0.05	-2.9957	1.3594					
92	INMETCO	0.05	-2.9957	0.9788		0.02	-3.9120	0.2068					
93	INMETCO	0.04	-3.2189	0.6434		0.05	-2.9957	1.3594					
94	INMETCO	0.05	-2.9957	0.9788		0.02	-3.9120	0.2068					
95	INMETCO	0.04	-3.2189	0.6434		0.03	-3.5066	0.7168					
96	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					
97	INMETCO	0.02	-3.9120	-0.3987		0.01	-4.6052	-0.6651					
98	INMETCO	0.02	-3.9120	-0.3987		0.01	-4.6052	-0.6651					
99	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					
100	INMETCO	0.07	-2.6593	1.4847		0.01	-4.6052	-0.6651					
101	INMETCO	0.06	-2.8134	1.2529		0.01	-4.6052	-0.6651					
102	INMETCO	0.05	-2.9957	0.9788		0.01	-4.6052	-0.6651					
103	INMETCO	0.01	-4.6052	-1.4408		0.01	-4.6052	-0.6651					
104	INMETCO	< 0.01	-4.6052	-1.4408		0.01	-4.6052	-0.6651					
105	INMETCO	< 0.01	-4.6052	-1.4408		0.01	-4.6052	-0.6651					
106	INMETCO	0.02	-3.9120	-0.3987		0.04	-3.2189	1.0787					
107	INMETCO	0.08	-2.5257	1.6854		0.07	-2.6593	1.7826					
108	INMETCO	0.05	-2.9957	0.9788		0.06	-2.8134	1.5887					
109	INMETCO	0.08	-2.5257	1.6854		0.01	-4.6052	-0.6651					
110	INMETCO	0.06	-2.8134	1.2529		0.09	-2.4079	2.0987	Yes				
111	INMETCO	0.08	-2.5257	1.6854		0.07	-2.6593	1.7826					
112	INMETCO	0.02	-3.9120	-0.3987		0.01	-4.6052	-0.6651					
113	INMETCO	0.01	-4.6052	-1.4408		0.07	-2.6593	1.7826					
114	INMETCO	0.05	-2.9957	0.9788		0.09	-2.4079	2.0987	Yes				
115	INMETCO	0.07	-2.6593	1.4847									
116	INMETCO	0.07	-2.6593	1.4847									
117	INMETCO	0.06	-2.8134	1.2529									
118	INMETCO	0.06	-2.8134	1.2529									
119	INMETCO	0.01	-4.6052	-1.4408									
120	INMETCO	0.01	-4.6052	-1.4408									
121	INMETCO	0.09	-2.4079	1.8625									
122	INMETCO	0.07	-2.6593	1.4847									
	# of Obs:	274	274	274	12	266	266	266	13	152	152	152	40
	# of NDs:	170				107				151			0
	Minimum:	0.0090	-4.7105			0.0100	-4.6052			0.0300	-3.5066		0.0100
	Mean:	0.0336	-3.6468			0.0275	-4.0764			0.0300	-3.5066		0.0105
	Maximum:	0.1600	-1.8326			0.5000	-0.6931			0.0300	-3.5066		0.0300
	Std:	0.0288	0.6652			0.0502	0.7950			0.0000	0.0000		0.0032

US EPA ARCHIVE DOCUMENT

Samples	Waste	(LN)	Z-Score	Outlier (Yes/No)	Zinc			Outlier (Yes/No)
					Treated	(LN)	Z-Score	
1	HRD				0.77	-0.2614	1.2067	
2	HRD				< 0.01	-4.6052	-1.3135	
3	HRD				0.23	-1.4697	0.5057	
4	HRD				0.01	-4.6052	-1.3135	
5	HRD				0.2	-1.6094	0.4246	
6	HRD				0.39	-0.9416	0.8120	
7	HRD				0.06	-2.8134	-0.2740	
8	HRD				0.27	-1.3093	0.5987	
9	HRD				0.41	-0.8916	0.8411	
10	HRD				0.25	-1.3863	0.5540	
11	HRD				0.13	-2.0402	0.1746	
12	HRD				< 0.01	-4.6052	-1.3135	
13	HRD				0.2	-1.6094	0.4246	
14	HRD				0.14	-1.9661	0.2176	
15	HRD				0.2	-1.6094	0.4246	
16	HRD				< 0.01	-4.6052	-1.3135	
17	HRD				0.12	-2.1203	0.1282	
18	HRD				0.08	-2.5257	-0.1070	
19	HRD				0.19	-1.6607	0.3948	
20	HRD				0.1	-2.3026	0.0224	
21	HRD				0.1	-2.3026	0.0224	
22	HRD				16.4	2.7973	2.9813	Yes
23	HRD				< 0.01	-4.6052	-1.3135	
24	HRD				0.31	-1.1712	0.6788	
25	HRD				1.27	0.2390	1.4970	
26	HRD				0.14	-1.9661	0.2176	
27	HRD				0.32	-1.1394	0.6973	
28	HRD				0.16	-1.8326	0.2951	
29	HRD				< 0.01	-4.6052	-1.3135	
30	HRD				0.42	-0.8675	0.8550	
31	HRD				< 0.01	-4.6052	-1.3135	
32	HRD				0.26	-1.3471	0.5768	
33	HRD				0.16	-1.8326	0.2951	
34	HRD				< 0.01	-4.6052	-1.3135	
35	HRD				0.11	-2.2073	0.0777	
36	HRD				< 0.01	-4.6052	-1.3135	
37	HRD				0.12	-2.1203	0.1282	
38	HRD				0.54	-0.6162	1.0008	
39	HRD				< 0.01	-4.6052	-1.3135	
40	HRD				0.13	-2.0402	0.1746	
41	HRD				0.08	-2.5257	-0.1070	
42	HRD				0.19	-1.6607	0.3948	
43	HRD				0.02	-3.9120	-0.9114	
44	HRD				0.11	-2.2073	0.0777	
45	HRD				0.27	-1.3093	0.5987	
46	HRD				0.07	-2.6593	-0.1845	
47	HRD				< 0.01	-4.6052	-1.3135	
48	HRD				< 0.01	-4.6052	-1.3135	
49	HRD				< 0.01	-4.6052	-1.3135	
50	HRD				< 0.01	-4.6052	-1.3135	
51	HRD				9.4	2.2407	2.6584	Yes
52	HRD				0.21	-1.5606	0.4529	
53	HRD				0.17	-1.7720	0.3303	
54	HRD				5.4	1.6864	2.3368	Yes
55	HRD				0.22	-1.5141	0.4799	
56	HRD				< 0.01	-4.6052	-1.3135	
57	HRD				0.16	-1.8326	0.2951	
58	HRD				0.34	-1.0788	0.7324	
59	HRD				< 0.01	-4.6052	-1.3135	
60	HRD				0.1	-2.3026	0.0224	
61	HRD				0.1	-2.3026	0.0224	
62	HRD				< 0.01	-4.6052	-1.3135	
63	HRD				0.16	-1.8326	0.2951	
64	HRD				0.44	-0.8210	0.8820	
65	HRD				0.11	-2.2073	0.0777	
66	HRD				0.2	-1.6094	0.4246	
67	HRD				0.23	-1.4697	0.5057	
68	HRD				< 0.01	-4.6052	-1.3135	
69	HRD				0.44	-0.8210	0.8820	
70	HRD				0.19	-1.6607	0.3948	
71	HRD				29.3	3.3776	3.3180	Yes
72	HRD				0.14	-1.9661	0.2176	
73	HRD				< 0.01	-4.6052	-1.3135	
74	HRD				< 0.01	-4.6052	-1.3135	
75	HRD				0.75	-0.2877	1.1914	
76	HRD				0.2	-1.6094	0.4246	
77	HRD				0.33	-1.1087	0.7151	
78	HRD				0.07	-2.6593	-0.1845	
79	HRD				< 0.01	-4.6052	-1.3135	

Samples	Waste	(LN)	Z-Score	Outlier (Yes/No)	Zinc			Outlier (Yes/No)
					Treated	(LN)	Z-Score	
80	HRD				0.59	-0.5276	1.0522	
81	HRD				0.31	-1.1712	0.6788	
82	HRD				0.06	-2.8134	-0.2740	
83	HRD				0.01	-4.6052	-1.3135	
84	HRD				0.01	-4.6052	-1.3135	
85	HRD				0.14	-1.9661	0.2176	
86	HRD				0.12	-2.1203	0.1282	
87	HRD				0.27	-1.3093	0.5987	
88	HRD				0.05	-2.9957	-0.3797	
89	HRD				0.11	-2.2073	0.0777	
90	HRD				0.23	-1.4697	0.5057	
91	HRD				0.01	-4.6052	-1.3135	
92	HRD				0.01	-4.6052	-1.3135	
93	HRD				0.01	-4.6052	-1.3135	
94	HRD				0.01	-4.6052	-1.3135	
95	HRD				0.05	-2.9957	-0.3797	
96	HRD				0.63	-0.4620	1.0903	
97	HRD				0.06	-2.8134	-0.2740	
98	HRD				0.01	-4.6052	-1.3135	
99	HRD				0.01	-4.6052	-1.3135	
100	HRD				12.2	2.5014	2.8096	Yes
101	HRD				0.01	-4.6052	-1.3135	
102	HRD				0.01	-4.6052	-1.3135	
103	HRD				0.01	-4.6052	-1.3135	
104	HRD				0.12	-2.1203	0.1282	
105	HRD				0.03	-3.5066	-0.6761	
106	HRD				0.67	-0.4005	1.1260	
107	HRD				0.04	-3.2189	-0.5092	
108	HRD				0.29	-1.2379	0.6401	
109	HRD				0.12	-2.1203	0.1282	
110	HRD				0.07	-2.6593	-0.1845	
111	HRD				0.13	-2.0402	0.1746	
112	HRD				0.94	-0.0619	1.3224	
113	HRD				0.06	-2.8134	-0.2740	
114	HRD				0.18	-1.7148	0.3634	
115	HRD				0.02	-3.9120	-0.9114	
116	HRD				0.14	-1.9661	0.2176	
117	HRD				0.91	-0.0943	1.3036	
118	HRD				0.06	-2.8134	-0.2740	
119	HRD				0.1	-2.3026	0.0224	
120	HRD				0.04	-3.2189	-0.5092	
121	HRD				0.01	-4.6052	-1.3135	
122	HRD				0.21	-1.5606	0.4529	
123	HRD				0.16	-1.8326	0.2951	
124	HRD				0.01	-4.6052	-1.3135	
125	HRD				0.01	-4.6052	-1.3135	
126	HRD				0.01	-4.6052	-1.3135	
127	HRD				0.15	-1.8971	0.2577	
128	HRD				0.01	-4.6052	-1.3135	
129	HRD				0.11	-2.2073	0.0777	
130	HRD				0.01	-4.6052	-1.3135	
131	HRD				0.17	-1.7720	0.3303	
132	HRD				0.01	-4.6052	-1.3135	
133	HRD				0.01	-4.6052	-1.3135	
134	HRD				0.22	-1.5141	0.4799	
135	HRD				0.07	-2.6593	-0.1845	
136	HRD				0.21	-1.5606	0.4529	
137	HRD				0.02	-3.9120	-0.9114	
138	HRD				0.06	-2.8134	-0.2740	
139	HRD				0.08	-2.5257	-0.1070	
140	HRD				0.11	-2.2073	0.0777	
141	HRD				0.17	-1.7720	0.3303	
142	HRD				0.29	-1.2379	0.6401	
143	HRD				1.55	0.4383	1.6126	
144	HRD				0.23	-1.4697	0.5057	
145	HRD				0.16	-1.8326	0.2951	
146	HRD				0.01	-4.6052	-1.3135	
147	HRD				0.02	-3.9120	-0.9114	
148	HRD				2.01	0.6981	1.7634	
149	HRD				0.01	-4.6052	-1.3135	
150	HRD				5.63	1.7281	2.3610	Yes
151	HRD				3.29	1.1909	2.0493	Yes
152	HRD				0.01	-4.6052	-1.3135	
1	INMETCO	-4.6052	-0.1581		0.0200	-3.9120	-0.9114	
2	INMETCO	-4.6052	-0.1581		0.2500	-1.3863	0.5540	
3	INMETCO	-4.6052	-0.1581		0.0100	-4.6052	-1.3135	
4	INMETCO	-4.6052	-0.1581		0.0100	-4.6052	-1.3135	
5	INMETCO	-4.6052	-0.1581		0.2700	-1.3093	0.5987	
6	INMETCO	-4.6052	-0.1581		1.6500	0.5008	1.6489	

Samples	Waste	h			Zinc			Outlier (Yes/No)
		(LN)	Z-Score	Outlier (Yes/No)	Treated	(LN)	Z-Score	
7	INMETCO	-4.6052	-0.1581		0.1400	-1.9661	0.2176	
8	INMETCO	-4.6052	-0.1581		0.4400	-0.8210	0.8820	
9	INMETCO	-4.6052	-0.1581		0.3600	-1.0217	0.7656	
10	INMETCO	-4.6052	-0.1581		0.2900	-1.2379	0.6401	
11	INMETCO	-4.6052	-0.1581		0.1100	-2.2073	0.0777	
12	INMETCO	-4.6052	-0.1581		0.0500	-2.9957	-0.3797	
13	INMETCO	-4.6052	-0.1581		0.1100	-2.2073	0.0777	
14	INMETCO	-4.6052	-0.1581		0.0300	-3.5066	-0.6761	
15	INMETCO	-4.6052	-0.1581		0.0700	-2.6593	-0.1845	
16	INMETCO	-4.6052	-0.1581		0.2900	-1.2379	0.6401	
17	INMETCO	-4.6052	-0.1581		0.0200	-3.9120	-0.9114	
18	INMETCO	-4.6052	-0.1581		0.1600	-1.8326	0.2951	
19	INMETCO	-4.6052	-0.1581		0.3700	-0.9943	0.7815	
20	INMETCO	-4.6052	-0.1581		0.2100	-1.5606	0.4529	
21	INMETCO	-4.6052	-0.1581		0.0100	-4.6052	-1.3135	
22	INMETCO	-4.6052	-0.1581		0.0100	-4.6052	-1.3135	
23	INMETCO	-4.6052	-0.1581		0.0100	-4.6052	-1.3135	
24	INMETCO	-4.6052	-0.1581		0.0100	-4.6052	-1.3135	
25	INMETCO	-4.6052	-0.1581		0.3200	-1.1394	0.6973	
26	INMETCO	-4.6052	-0.1581		0.0700	-2.6593	-0.1845	
27	INMETCO	-4.6052	-0.1581		0.2900	-1.2379	0.6401	
28	INMETCO	-4.6052	-0.1581		0.5500	-0.5978	1.0115	
29	INMETCO	-4.6052	-0.1581		0.3500	-1.0498	0.7493	
30	INMETCO	-4.6052	-0.1581		0.2100	-1.5606	0.4529	
31	INMETCO	-4.6052	-0.1581		0.2500	-1.3863	0.5540	
32	INMETCO	-4.6052	-0.1581		0.2200	-1.5141	0.4799	
33	INMETCO	-4.6052	-0.1581		0.3700	-0.9943	0.7815	
34	INMETCO	-4.6052	-0.1581		0.3600	-1.0217	0.7656	
35	INMETCO	-4.6052	-0.1581		0.1700	-1.7720	0.3303	
36	INMETCO	-4.6052	-0.1581		0.6000	-0.5108	1.0620	
37	INMETCO	-4.6052	-0.1581		0.0400	-3.2189	-0.5092	
38	INMETCO	-3.5066	6.1664	Yes	1.3500	0.3001	1.5325	
39	INMETCO	-4.6052	-0.1581		0.2700	-1.3093	0.5987	
40	INMETCO	-4.6052	-0.1581		0.6500	-0.4308	1.1084	
41	INMETCO							
42	INMETCO							
43	INMETCO							
44	INMETCO							
45	INMETCO							
46	INMETCO							
47	INMETCO							
48	INMETCO							
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77	INMETCO							
78	INMETCO							
79	INMETCO							
80	INMETCO							
81	INMETCO							
82	INMETCO							
83	INMETCO							
84	INMETCO							
85	INMETCO							

Samples	Waste	h			Zinc			
		(LN)	Z-Score	Outlier (Yes/No)	Treated	(LN)	Z-Score	Outlier (Yes/No)
86	INMETCO							
87	INMETCO							
88	INMETCO							
89	INMETCO							
90	INMETCO							
91	INMETCO							
92	INMETCO							
93	INMETCO							
94	INMETCO							
95	INMETCO							
96	INMETCO							
97	INMETCO							
98	INMETCO							
99	INMETCO							
100	INMETCO							
101	INMETCO							
102	INMETCO							
103	INMETCO							
104	INMETCO							
105	INMETCO							
106	INMETCO							
107	INMETCO							
108	INMETCO							
109	INMETCO							
110	INMETCO							
111	INMETCO							
112	INMETCO							
113	INMETCO							
114	INMETCO							
115	INMETCO							
116	INMETCO							
117	INMETCO							
118	INMETCO							
119	INMETCO							
120	INMETCO							
121	INMETCO							
122	INMETCO							
	# of Obs:	40	40	1	192	192	192	7
	# of NDs:				40			
	Minimum:	-4.6052			0.0100	-4.6052		
	Mean:	-4.5777			0.6179	-2.3412		
	Maximum:	-3.5066			29.3000	3.3776		
	Std:	0.1737			2.6940	1.7236		