

Quantitative Determination of Trace

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Chlorine in Solid Samples

FACT 1 - Chlorine in Solid Samples

[The text in this section is almost entirely obscured by heavy horizontal black bars, likely representing redaction or severe scanning artifacts. Only faint, illegible characters are visible.]

[This section contains a large block of text that is almost completely obscured by a thick black redaction bar. Only a few scattered white specks and faint lines are visible against the black background.]

Table 1. Working conditions of measurement.

Table 2. Reproducibility in measured acid decarboxylation.

Table 1. Working conditions of measurement.		Table 2. Reproducibility in measured acid decarboxylation.					
Run	Sample	1	2	3	4	5	6
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99
100

position-ICP

(μg) found (μg)

110 2.46 0.40 16 9

Relative standard deviation

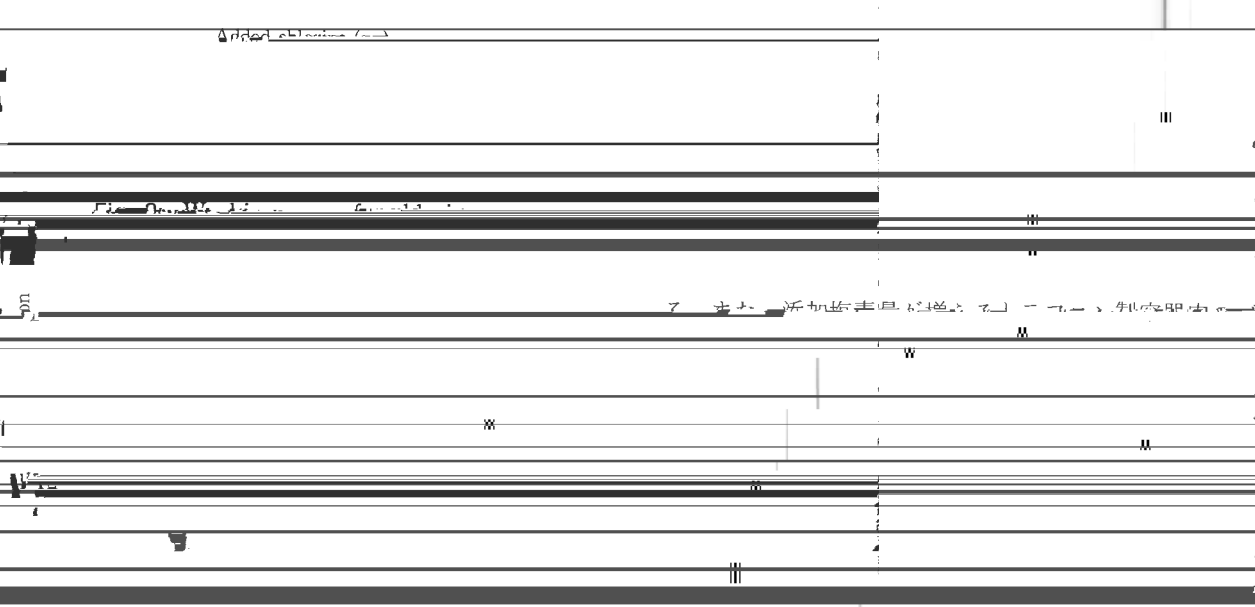
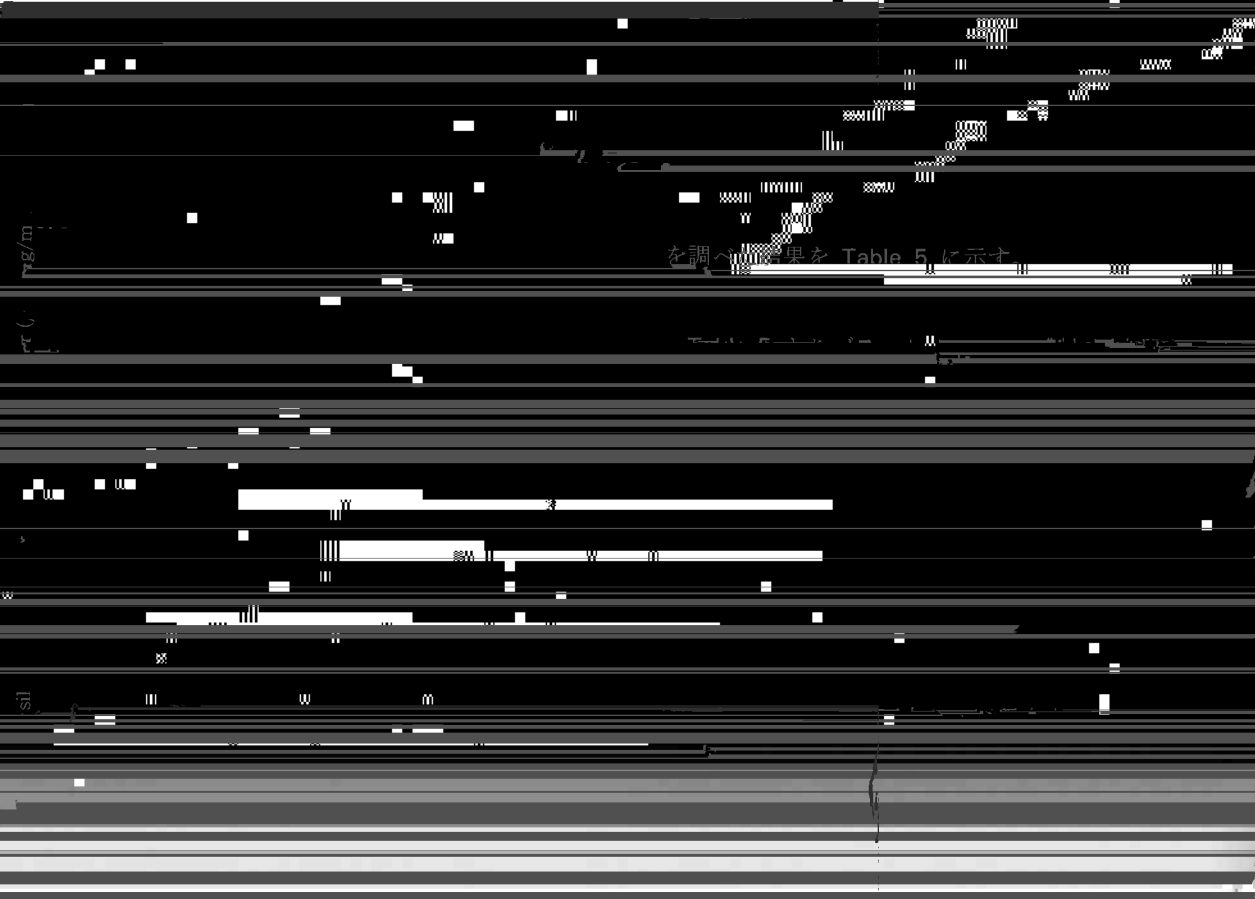


Table 5 Blank analysis of toluene α -methylstyrene and

Peak No.	Retention Time (min)	Identification
1	~1.5	~1.5
2	~2.5	~2.5
3	~3.5	~3.5
4	~4.5	~4.5
5	~5.5	~5.5
6	~6.5	~6.5
7	~7.5	~7.5
8	~8.5	~8.5
9	~9.5	~9.5
10	~10.5	~10.5
11	~11.5	~11.5
12	~12.5	~12.5
13	~13.5	~13.5
14	~14.5	~14.5
15	~15.5	~15.5
16	~16.5	~16.5
17	~17.5	~17.5
18	~18.5	~18.5
19	~19.5	~19.5
20	~20.5	~20.5
21	~21.5	~21.5
22	~22.5	~22.5
23	~23.5	~23.5
24	~24.5	~24.5
25	~25.5	~25.5
26	~26.5	~26.5
27	~27.5	~27.5
28	~28.5	~28.5
29	~29.5	~29.5
30	~30.5	~30.5
31	~31.5	~31.5
32	~32.5	~32.5
33	~33.5	~33.5
34	~34.5	~34.5
35	~35.5	~35.5
36	~36.5	~36.5
37	~37.5	~37.5
38	~38.5	~38.5
39	~39.5	~39.5
40	~40.5	~40.5
41	~41.5	~41.5
42	~42.5	~42.5
43	~43.5	~43.5
44	~44.5	~44.5
45	~45.5	~45.5
46	~46.5	~46.5
47	~47.5	~47.5
48	~48.5	~48.5
49	~49.5	~49.5
50	~50.5	~50.5
51	~51.5	~51.5
52	~52.5	~52.5
53	~53.5	~53.5
54	~54.5	~54.5
55	~55.5	~55.5
56	~56.5	~56.5
57	~57.5	~57.5
58	~58.5	~58.5
59	~59.5	~59.5
60	~60.5	~60.5
61	~61.5	~61.5
62	~62.5	~62.5
63	~63.5	~63.5
64	~64.5	~64.5
65	~65.5	~65.5
66	~66.5	~66.5
67	~67.5	~67.5
68	~68.5	~68.5
69	~69.5	~69.5
70	~70.5	~70.5
71	~71.5	~71.5
72	~72.5	~72.5
73	~73.5	~73.5
74	~74.5	~74.5
75	~75.5	~75.5
76	~76.5	~76.5
77	~77.5	~77.5
78	~78.5	~78.5
79	~79.5	~79.5
80	~80.5	~80.5
81	~81.5	~81.5
82	~82.5	~82.5
83	~83.5	~83.5
84	~84.5	~84.5
85	~85.5	~85.5
86	~86.5	~86.5
87	~87.5	~87.5
88	~88.5	~88.5
89	~89.5	~89.5
90	~90.5	~90.5
91	~91.5	~91.5
92	~92.5	~92.5
93	~93.5	~93.5
94	~94.5	~94.5
95	~95.5	~95.5
96	~96.5	~96.5
97	~97.5	~97.5
98	~98.5	~98.5
99	~99.5	~99.5
100	~100.5	~100.5

... (1993) ... atomic absorption spectrometry

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