

	ii
1	1
2	1
3	1
4	

3

P26 P50 P62

-

1

-

	3		-	P26	P50	P62	A
10.0 g	20 μl	3					0.003 μg/kg
0.012 μg/kg							

2

GB 17378.3	3
GB 17378.5	5
HJ/T 91	
HJ/T 166	
HJ 494	
HJ 495	
HJ 613	
HJ 783	

3

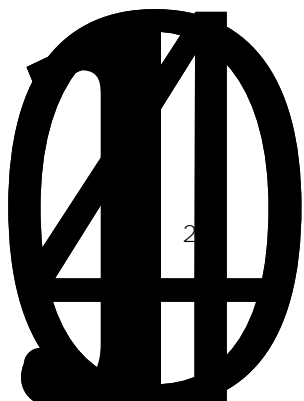
4

4.1	C_6H_{14}	
4.2	CH_2Cl_2	
4.3	C_3H_6O	
4.4	-	
	4.1	4.3

HJ 1290—2023

4.6	-						
	4.5		4.1	35	65		
4.7	HCl	=1.19 g/ml					
4.8	H ₂ SO ₄	=1.84 g/ml					
4.9	C ₉ H ₂₀						
4.10							
	4.7		1	5			
4.11		=2000 μg/L					
			P26	P50	P62		4
4.12		=100 μg/L					
	4.5		4.9			4.11	4
6							
4.13		=2000 μg/L					
			¹³ C ₁₀ -P26	¹³ C ₁₀ -P50	¹³ C ₁₀ -P62		
¹³ C ₁₀ -P26	¹³ C ₁₀ -P50	¹³ C ₁₀ -P62		4.9			4
6							
4.14		=200 μg/L					
	4.5		4.9			4.13	4
6							
4.15		=100000 μg/L					
			¹³ C ₁₀ -				4
4.16		=400 μg/L					
	4.5		4.9			4.15	4
6							
4.17							
			4				
4.18	Na ₂ SO ₄						
	450		6 h				
4.19	.	99.5%		.l			4
			4.10	4.5			
4.20	75 μm	150 μm	200	100			
	4	4.2					
0			4				

10 mm



HJ 1290—2023

10 g

6.2

4.18

2 $\mu\text{g/L}$

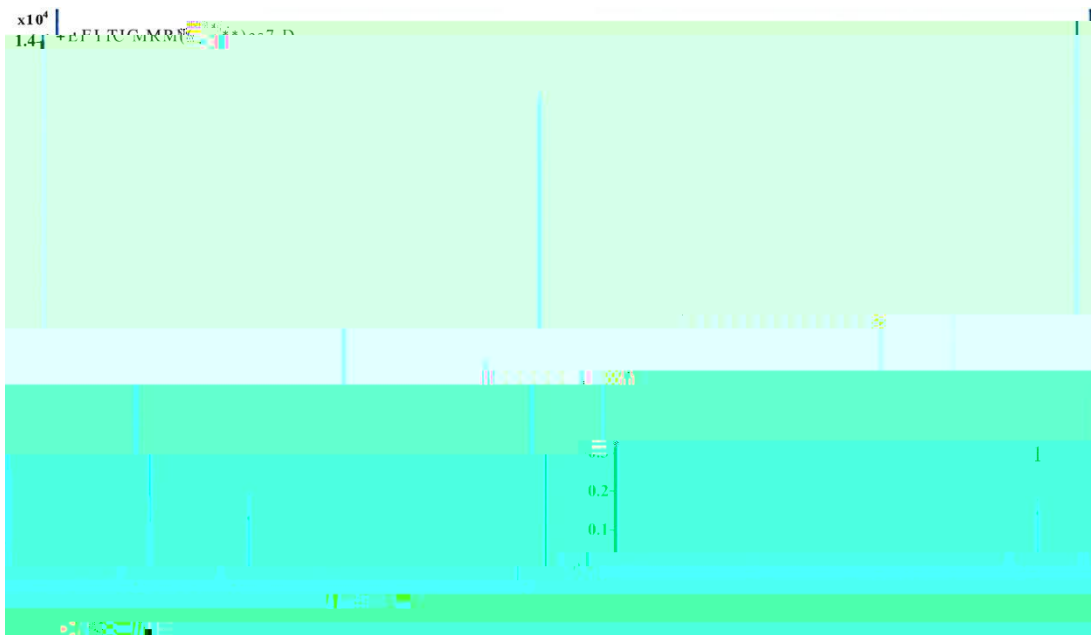
	1	2	3	4	5
P26	5	20	100	500	2000
P50	5	20	100	500	2000
P62	5	20	100	500	2000
$^{13}\text{C}_{10}$ -P26	100	100	100	100	100
$^{13}\text{C}_{10}$ -P50	100	100	100	100	100
$^{13}\text{C}_{10}$ -P62	100	100	100	100	100
$^{13}\text{C}_{10}$ -	100	100	100	100	100

7.2.3

7.1

“

c a ”



HJ

8.2.2

		$\mu\text{g}/\text{kg}$	4	
		$w_{1,j} = \frac{m_j}{m_1 \times w_{dm}} \times 1000$		4
$w_{1,j}$ ——		j $\mu\text{g}/\text{kg}$		
m_j ——	j	μg		
m_1 ——	g			
w_{dm} ——	%			
		$\mu\text{g}/\text{kg}$	5	
		$w_{2,j} = \frac{m_j}{m}$		

$$R = \frac{A_{es}}{A_{rs}} \times \frac{m_{rs}}{RRF_{rs}} \times \frac{100\%}{m_{es}}$$

A

3

A.1 3

			CAS
1	P26	2-endo,3-exo,5-endo,6-exo,8,8,10,10-octachlorobornane	142534-71-2
2	P50	2-endo,3-exo,5-endo,6-exo,8,8,9,10,10-nonachlorobornane	66860-80-8
3	P62	2,2,5,5,8,9,9,10,10-nonachlorobornane	154159-06-5

B

10.0 g

20 μl

B.1

B.2

B. 1

			(μg/kg)	(%)	(%)	(μg/kg)	(μg/kg)	
	0.500 μg/kg							
	1	P26	0.49	2.0	10	13	0.074	0.19
	2	P50	0.50	1.3	6.2	13	0.066	0.19
	3	P62	0.49	1.1	7.1	10	0.058	0.15
	9.00 μg/kg							
	4	P26	9.8	1.1	15	11	1.7	3.1
	5	P50	9.2	2.1	6.7	15	1.1	4.0
	6	P62	9.1	0.9	9.5	11	1.5	3.2
		0.010 μg/kg						
1		P26	0.010	1.9	16	26	0.003	0.008
2		P50	0.010	1.5	19	19	0.003	0.006
3		P62	0.010	1.7	18	23	0.003	0.007
0.100 μg/kg								
4		P26	0.094	3.3	12	15	0.016	0.042
5		P50	0.099	1.0	12	10	0.021	0.033
6		P62	0.092	3.4	16	15	0.019	0.046
		0.010 μg/kg						
	1	P26	0.010	1.0	15	28	0.002	0.009
	2	P50	0.011	2.1	19	21	0.003	0.007
	3	P62	0.011	1.0	22	24	0.003	0.008
	0.100 μg/kg							
	4	P26	0.091	2.5	13	9.1	0.008	0.030
	5	P50	0.093	2.7	14	4.5	0.018	0.020
	6	P62	0.092	2.4	10	4.1	0.016	0.018

B. 2

Ú 3

