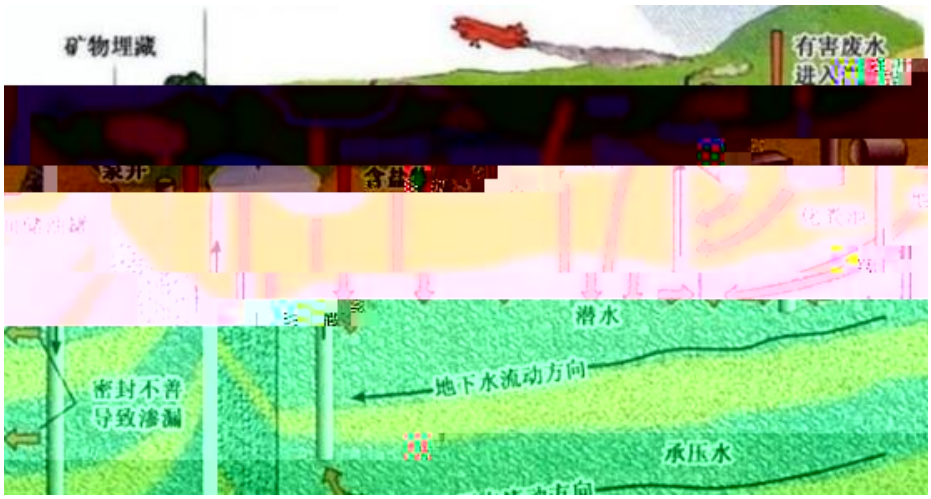
As Hg Se Cr Sb Sn

EPA 7199




CrO42- Cr2O72- HCrO4-

1

**1**

| | | |
|---|---|---|
| 1 | GB 3838-200<br>2 | ≤ 0.01 mg/L ≤ 0.05 m<br>g/L ≤ 0.1 mg/L |
| 2 | GB5749 – 2006 | 0.05 mg/L |
| 3 | GB11607 – 1989 | 0.1 mg/L |
| 4 | GB 14848-1993 | ≤ 0.005 mg/L ≤ 0.1 mg/L<br>0.1 mg/L |
| 5 | GB3097-1997 | ≤ 0.005mg/L ≤ 0.050mg/L |
| 6 | GB36600-2018 | ≤ 30mg/kg ≤ 78mg/kg |
| 7 | DB11/T 811-2011 | ≤ 30mg/kg ≤ 30mg<br>/kg / ≤ 30mg/kg |

1

(Cr6+:1000mg/L)




2

prin-cen ONLY WATER KIT

3

ONLY WATER KIT for ICPMS 10X Mobile Phase, 10

0.4g 50mL 50mL2mol/L 500mL

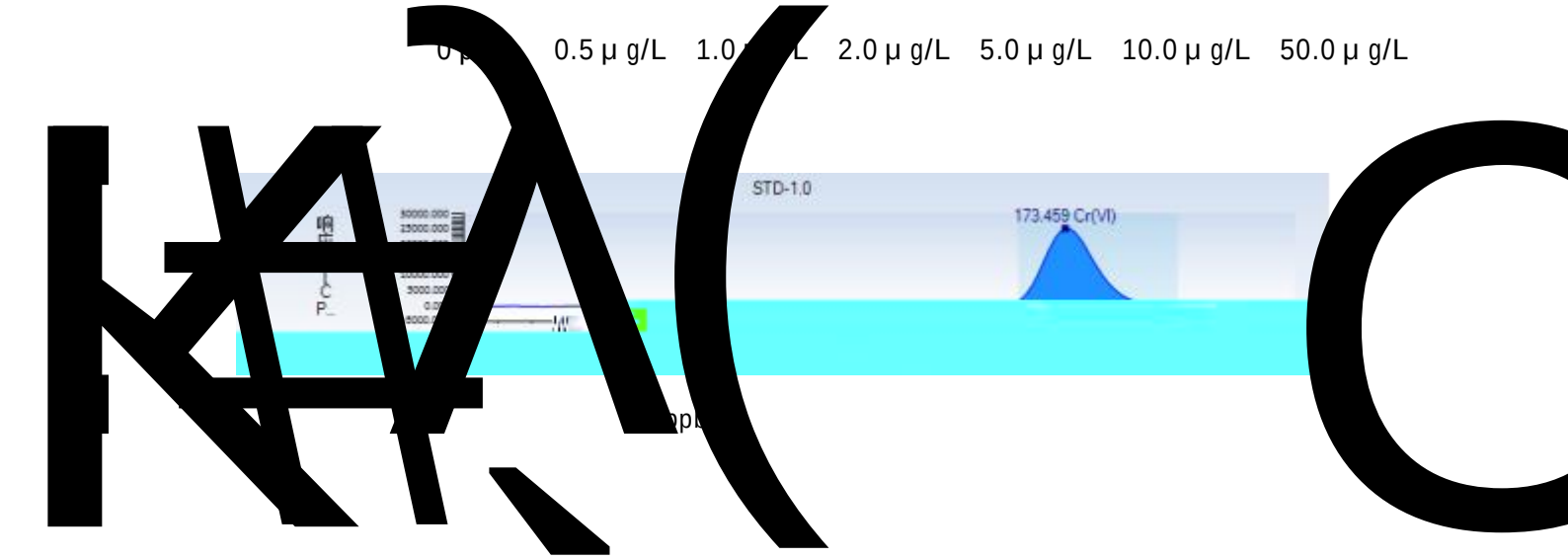
4 50ml 0.45um 5ml

| | |
|---|---|
| | |
| | Cr Spec Guard column +Cr Spec Fast Column |
| | ONLY WATER KIT for ICPMS 10X Mobile Phase, 10 |
| | 0.4g 50mL 50mL2mol/L 500mL |
| | 1.2mL/min 0.7L/min |
| | 50-500 μL |
| | 4.0 min |
| | 540nm |

500uL, 0 μ g/L 0.05 μ g/L

0.1 μ g/L 0.5 μ g/L 1.0 μ g/L 2.0 μ g/L 5.0 μ g/L 10.0 μ g/L 50.0 μ g/L 50uL,

0 μ 0.5 μ g/L 1.0 μ g/L 2.0 μ g/L 5.0 μ g/L 10.0 μ g/L 50.0 μ g/L




1



;39.6ug/L 2.4

GSB07-3174-2014 203354 6

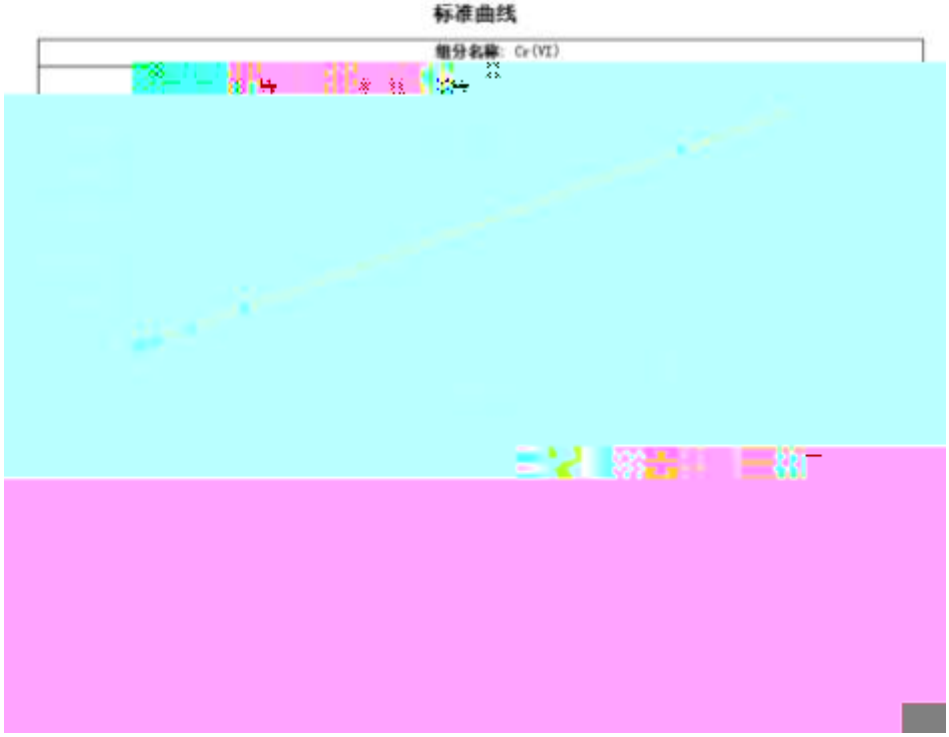
样品列表

| | | 拒绝 | 样品名称 | 类型 | 体积 | 级别 | 稀释 | 定容体积 | 样品质量 | Cr(VI) 峰面积 | Cr(VI) 最终浓度 [ ug/L ] | 保留时间 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | | | 质控样203354六价铬39.6ug/L | 样品 | 500 | | 1.0000 | 1 | 1 | 18968379.6 | 41.3720 | 187.970 |
| 67 | | | 质控样203354六价铬39.6ug/L | 样品 | 500 | | 1.0000 | 1 | 1 | 18888134.7 | 41.1969 | 188.034 |
| 68 | | | 质控样203354六价铬39.6ug/L | 样品 | 500 | | 1.0000 | 1 | 1 | 18890367.6 | 41.2018 | 187.965 |
| 69 | | | 质控样203354六价铬39.6ug/L | 样品 | 500 | | 1.0000 | 1 | 1 | 18935685.4 | 41.3007 | 188.033 |
| 70 | | | 质控样203354六价铬39.6ug/L | 样品 | 500 | | 1.0000 | 1 | 1 | 18976897.8 | 41.3905 | 188.375 |
| 71 | | | 质控样203354六价铬39.6ug/L | 样品 | 500 | | 1.0000 | 1 | 1 | 18836723.0 | 41.0826 | 188.207 |

6

| | | |
|---|---|---|
| ( μ g/L | | 500uL |
| | 1 | 41.4 |
| | 2 | 41.2 |
| | 3 | 41.2 |
| | 4 | 41.3 |
| | 5 | 41.4 |
| | 6 | 41.1 |
| | | 41.3 |
| *m* μ g/L | | 39.6 ± 2.4 |
| RE *i* (%) | | 4.29 |

3 R =1.0000)

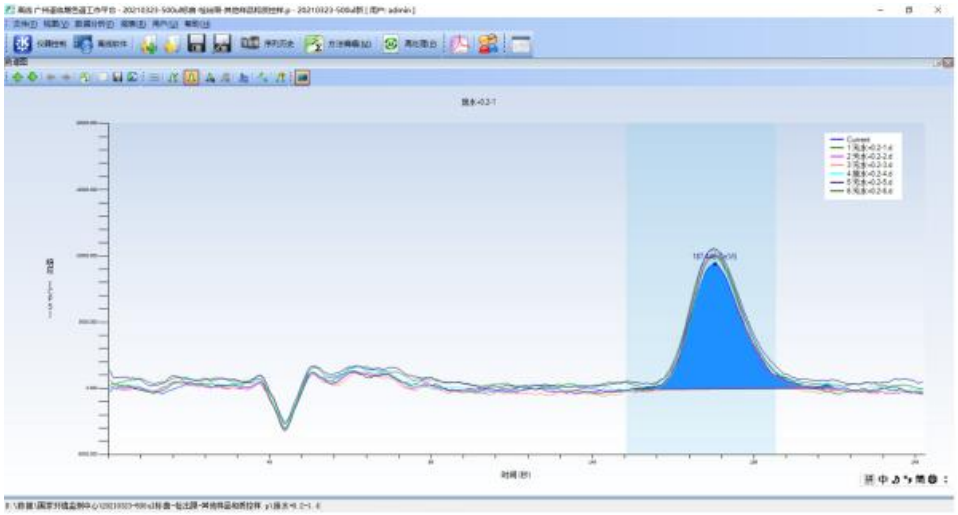



4

0.2ppb RSD 1% RSD 2%



| 样品列表 | | | | | | | | | A Cr(VI) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 拒绝 | 样品名称 | 类型 | 体积 | 级别 | 稀释 | 定容体积 | 样品质量 | 峰面积 | 最终浓度 [ ug/L ] | 保留时间 |
| 54 | | 污水+0.2-1 | 样品 | 500 | | 1.0000 | 1 | 1 | 19902.42 | 0.4341 | 186. |
| 55 | | 污水+0.2-2 | 样品 | 500 | | 1.0000 | 1 | 1 | 195008.58 | 0.4253 | 187. |
| 56 | | 污水+0.2-3 | 样品 | 500 | | 1.0000 | 1 | 1 | 195272.08 | 0.4259 | 186. |
| 57 | | 污水+0.2-4 | 样品 | 500 | | 1.0000 | 1 | 1 | 198265.20 | 0.4324 | 187. |
| 58 | | 污水+0.2-5 | 样品 | 500 | | 1.0000 | 1 | 1 | 193501.49 | 0.4220 | 187. |
| 59 | | 污水+0.2-6 | 样品 | 500 | | 1.0000 | 1 | 1 | 194352.63 | 0.4239 | 187. |



| | | |
|---|---|---|
| | Cr(VI) s | Cr(VI) uAU |



