



Analytical Method Information

| Analyte | DL | LOD | LOQ / RL | Surrogate %R | Duplicate RPD | Matrix Spike %R | RPD | Blank Spike / LCS %R | RPD |
|--|-------------|-------------|-------------|--------------|---------------|-----------------|-----|----------------------|-----|
| 8270D-SIM PAH Low (0.01 ug/L - 0.5 ug/kg) (EPA 8270D-SIM) in Tissue | | | | | | | | | |
| Preservation: Cool <6°C | | | | | | | | | |
| Container: Glass WM, Clear, 8 oz | | | | | | | | | |
| Minimum Sample Weight: 30 | | | | | | | | | |
| Hold Time: 14 days | | | | | | | | | |
| Naphthalene | 0.500 ug/kg | 0.500 ug/kg | 0.600 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| 1-Methylnaphthalene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| 2-Methylnaphthalene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| 2-Chloronaphthalene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Acenaphthylene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Acenaphthene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Dibenzofuran | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Fluorene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Phenanthrene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Anthracene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Fluoranthene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Pyrene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(a)anthracene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Chrysene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(b)fluoranthene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(k)fluoranthene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(j)fluoranthene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(a)pyrene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Indeno(1,2,3-cd)pyrene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Dibenzo(a,h)anthracene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(g,h,i)perylene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 30 |
| Benzo(b)thiophene | 0.500 ug/kg | 0.500 ug/kg | 0.500 ug/kg | | 30 | 30 - 160 | 30 | 30 - 160 | 40 |
| surr: 2-Methylnaphthalene-d10 | | | | | 30 - 160 | | | | |
| surr: Dibenzo[a,h]anthracene-d14 | | | | | 30 - 160 | | | | |
| surr: Fluoranthene-d10 | | | | | 30 - 160 | | | | |



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|------------------|----|-----|----------|-----------------|------------------|---------------------------|--------------------------------|
| Naphthalene-d8 | | | | | | | |
| Acenaphthene-d10 | | | | | | | |
| Phenanthrene-d10 | | | | | | | |
| Chrysene-d12 | | | | | | | |
| Perylene-d12 | | | | | | | |