

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\  
 Data File : BF120336.D  
 Acq On : 15 May 2020 22:03  
 Operator : MA/SJ  
 Sample : L2503-06 10X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-051420

Quant Time: May 16 05:32:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 15 12:31:31 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.61  | 152  | 256249   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.90  | 136  | 988216   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.65  | 164  | 478224   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.13 | 188  | 755593   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.77 | 240  | 462897   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.16 | 264  | 443907   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 187163   | 14.21 | ng    | 0.00     |
| 7) Phenol-d6                | 6.27  | 99   | 285525   | 17.14 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.18  | 82   | 163228   | 11.31 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.44 | 330  | 56473    | 14.48 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.97  | 172  | 335658   | 14.42 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.72 | 244  | 256948   | 12.26 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 71) Phenanthrene            | 11.16 | 178  | 284409   | 8.958 | ng    | 98       |
| 72) Anthracene              | 11.21 | 178  | 78476    | 2.309 | ng    | 98       |
| 75) Fluoranthene            | 12.34 | 202  | 288712   | 8.484 | ng    | 97       |
| 78) Pyrene                  | 12.57 | 202  | 307344   | 9.313 | ng    | 97       |
| 81) Benzo(a)anthracene      | 13.76 | 228  | 147907   | 6.058 | ng    | 98       |
| 83) Chrysene                | 13.79 | 228  | 139059   | 5.304 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.49 | 276  | 63785    | 2.681 | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 14.77 | 252  | 135606m  | 5.594 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.79 | 252  | 62109m   | 2.957 | ng    |          |
| 90) Benzo(a)pyrene          | 15.10 | 252  | 115653   | 5.319 | ng    | # 93     |
| 92) Benzo(a,h,i)perylene    | 16.88 | 276  | 74542    | 3.838 | ng    | # 91     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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