

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\  
 Data File : BF097778.D  
 Acq On : 17 Aug 2017 10:05  
 Operator : SJ/JU  
 Sample : I4791-04 10X  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-33-COMP

Manual Integrations  
 APPROVED

Sohil  
 8/17/2017 5:58:20 PM

Quant Time: Aug 17 15:07:03 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 15 13:25:08 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 160782   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.06  | 136  | 602758   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.82  | 164  | 244457   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 359462   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.93 | 240  | 295563   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.37 | 264  | 255127   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 80037    | 7.57   | ng    | -0.01    |
| 7) Phenol-d6                | 6.40  | 99   | 159922   | 11.14  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 99966    | 9.01   | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 6310     | 2.97   | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 148192   | 8.91   | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.88 | 244  | 79273    | 5.59   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 70) Phenanthrene            | 11.32 | 178  | 434311   | 22.674 | ng    | 99       |
| 71) Anthracene              | 11.37 | 178  | 127417   | 6.558  | ng    | 98       |
| 74) Fluoranthene            | 12.51 | 202  | 918979   | 45.965 | ng    | 98       |
| 77) Pyrene                  | 12.74 | 202  | 1061180  | 43.898 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.93 | 228  | 482001   | 27.210 | ng    | 99       |
| 82) Chrysene                | 13.96 | 228  | 439559   | 24.944 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.76 | 276  | 164323m  | 12.676 | ng    |          |
| 87) Benzo(b)fluoranthene    | 14.96 | 252  | 526158m  | 32.718 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.98 | 252  | 148419m  | 9.823  | ng    |          |
| 89) Benzo(a)pyrene          | 15.30 | 252  | 386563   | 27.153 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 16.77 | 278  | 40642    | 3.507  | ng    | 96       |
| 91) Benzo(a,h,i)perylene    | 17.18 | 276  | 152859   | 12.640 | ng    | 93       |

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

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