

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\  
 Data File : BF097063.D  
 Acq On : 26 Jul 2017 7:56  
 Operator : SJ/JU  
 Sample : I4399-05 5X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-HS4-ESW

Manual Integrations  
 APPROVED

Sohil  
 7/26/2017 5:54:38 PM

Quant Time: Jul 26 08:25:01 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.50  | 152  | 124196   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.78  | 136  | 485792   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.53  | 164  | 200600   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.00 | 188  | 266803   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.62 | 240  | 231552   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 14.97 | 264  | 162640   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.09  | 112  | 117535   | 14.27  | ng    | 0.00     |
| 7) Phenol-d6                | 6.16  | 99   | 158764   | 16.88  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.06  | 82   | 76731    | 9.27   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.31 | 330  | 19294    | 12.17  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.86  | 172  | 146973   | 12.43  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.58 | 244  | 80791    | 7.11   | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 70) Phenanthrene            | 11.02 | 178  | 227409   | 15.908 | ng    | 97       |
| 71) Anthracene              | 11.07 | 178  | 62268    | 4.253  | ng    | 98       |
| 74) Fluoranthene            | 12.20 | 202  | 308483   | 22.027 | ng    | 99       |
| 77) Pyrene                  | 12.43 | 202  | 257124   | 13.564 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.61 | 228  | 133488   | 8.910  | ng    | 98       |
| 82) Chrysene                | 13.65 | 228  | 117779   | 8.051  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.20 | 276  | 41572    | 3.314  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 14.62 | 252  | 105929m  | 10.835 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.63 | 252  | 40079m   | 4.302  | ng    |          |
| 89) Benzo(a)pyrene          | 14.92 | 252  | 83504    | 9.332  | ng    | 97       |
| 91) Benzo(g,h,i)perylene    | 16.56 | 276  | 43388m   | 5.639  | ng    |          |

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

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