

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051917\  
 Data File : BF095299.D  
 Acq On : 20 May 2017 12:02  
 Operator : SJ/MA  
 Sample : I3203-03  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-R4-BASE

Manual Integrations  
 APPROVED

mohammad  
 5/22/2017 1:30:28 PM

Quant Time: May 22 04:00:52 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 17:07:53 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.76  | 152  | 94859    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 9.78  | 136  | 375936   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 12.61 | 164  | 151050   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 15.02 | 188  | 208367   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 18.69 | 240  | 180274   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 20.37 | 264  | 145172   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.73  | 112  | 577043   | 101.42 | ng    | 0.00     |
| 7) Phenol-d6                | 7.30  | 99   | 749947   | 109.85 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.66  | 82   | 434140   | 72.82  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 13.91 | 330  | 107092   | 86.57  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 11.55 | 172  | 756928   | 72.13  | ng    | -0.01    |
| 78) Terphenyl-d14           | 17.33 | 244  | 406592   | 49.68  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 12.25 | 163  | 174331   | 14.06  | ng    | 98       |
| 70) Phenanthrene            | 15.06 | 178  | 79750    | 6.66   | ng    | 97       |
| 74) Fluoranthene            | 16.80 | 202  | 109462   | 8.91   | ng    | 97       |
| 77) Pyrene                  | 17.10 | 202  | 103365   | 7.67   | ng    | 97       |
| 80) Benzo(a)anthracene      | 18.68 | 228  | 45625    | 4.35   | ng    | 96       |
| 82) Chrysene                | 18.72 | 228  | 54112    | 5.33   | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene  | 21.72 | 276  | 17526    | 2.13   | ng    | 96       |
| 87) Benzo(b)fluoranthene    | 19.97 | 252  | 42502m   | 4.74   | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.99 | 252  | 21520m   | 2.49   | ng    |          |
| 89) Benzo(a)pyrene          | 20.31 | 252  | 35588    | 4.30   | ng    | 97       |
| 91) Benzo(g,h,i)perylene    | 22.12 | 276  | 16277    | 2.43   | ng    | # 91     |

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

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