

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\  
 Data File : BF098973.D  
 Acq On : 30 Sep 2017 20:07  
 Operator : SJ/JU  
 Sample : I5563-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NYSEG-PH4-SB-ESMI-1

Manual Integrations  
 APPROVED

Sohil  
 10/2/2017 5:44:35 PM

Quant Time: Oct 01 01:10:47 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 13:50:58 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.92  | 152  | 141362   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.20  | 136  | 540747   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.95  | 164  | 202565   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.45 | 188  | 292089   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 14.09 | 240  | 255982   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.59 | 264  | 196635   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.53  | 112  | 425855   | 47.96  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.54  | 99   | 510730   | 46.62  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.47  | 82   | 296864   | 35.21  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.75 | 330  | 63577    | 38.36  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.27  | 172  | 536670   | 44.23  | ng    | -0.01    |
| 78) Terphenyl-d14              | 13.02 | 244  | 356115   | 31.64  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       |          |
| 31) Naphthalene                | 8.22  | 128  | 217961   | 8.582  | ng    | 99       |
| 37) 2-Methylnaphthalene        | 8.91  | 142  | 81234    | 4.920  | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.37  | 154  | 46825    | 2.690  | ng    | 97       |
| 48) Acenaphthylene             | 9.82  | 152  | 115205   | 5.757  | ng    | 98       |
| 49) Dimethylphthalate          | 9.66  | 163  | 84525    | 5.529  | ng    | 100      |
| 51) Acenaphthene               | 9.99  | 154  | 190287   | 15.012 | ng    | 100      |
| 54) Dibenzofuran               | 10.16 | 168  | 177999   | 10.547 | ng    | 97       |
| 57) Fluorene                   | 10.50 | 166  | 229911   | 16.949 | ng    | 97       |
| 70) Phenanthrene               | 11.47 | 178  | 1199505  | 76.721 | ng    | 99       |
| 71) Anthracene                 | 11.52 | 178  | 898575   | 56.170 | ng    | 99       |
| 72) Carbazole                  | 11.67 | 167  | 81426    | 5.198  | ng    | 100      |
| 74) Fluoranthene               | 12.66 | 202  | 1272611  | 80.383 | ng    | 99       |
| 77) Pyrene                     | 12.89 | 202  | 1073468  | 54.994 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.08 | 228  | 580102m  | 37.425 | ng    |          |
| 82) Chrysene                   | 14.12 | 228  | 472546   | 32.022 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149  | 38127    | 3.018  | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.09 | 276  | 124918   | 10.582 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.14 | 252  | 457840m  | 37.870 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.17 | 252  | 124990m  | 10.467 | ng    |          |
| 89) Benzo(a)pyrene             | 15.52 | 252  | 314103   | 28.303 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.10 | 278  | 35020    | 3.943  | ng    | # 85     |
| 91) Benzo(g,h,i)perylene       | 17.56 | 276  | 106066   | 12.082 | ng    | 95       |

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

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