

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\  
 Data File : BF101053.D  
 Acq On : 1 Dec 2017 9:03  
 Operator : SJ/JU  
 Sample : I6610-11DL 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-7(4-6)-20171127DL

Manual Integrations  
 APPROVED

Sohil  
 12/1/2017 11:13:33 AM

Quant Time: Dec 01 10:13:42 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 09:47:02 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 50166    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 183689   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 69397    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.38 | 188  | 109037   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.02 | 240  | 112962   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.49 | 264  | 76958    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 25689    | 8.46   | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 32330    | 8.77   | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 18485    | 6.00   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 5545     | 6.65   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 43573    | 8.59   | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 34563    | 6.69   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.16  | 128  | 113971   | 12.589 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.85  | 142  | 26663    | 4.334  | ng    | 97       |
| 51) Acenaphthene            | 9.92  | 154  | 29460    | 6.630  | ng    | 95       |
| 54) Dibenzofuran            | 10.09 | 168  | 28443    | 4.442  | ng    | 96       |
| 57) Fluorene                | 10.44 | 166  | 34226    | 6.575  | ng    | 97       |
| 70) Phenanthrene            | 11.40 | 178  | 301192   | 50.160 | ng    | 98       |
| 71) Anthracene              | 11.45 | 178  | 56170    | 9.243  | ng    | 97       |
| 72) Carbazole               | 11.61 | 167  | 30166    | 5.433  | ng    | 97       |
| 74) Fluoranthene            | 12.60 | 202  | 315922   | 47.464 | ng    | 94       |
| 77) Pyrene                  | 12.83 | 202  | 267075   | 34.264 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.01 | 228  | 133213   | 18.678 | ng    | 98       |
| 82) Chrysene                | 14.05 | 228  | 122353   | 18.472 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.97 | 276  | 38632    | 6.560  | ng    | # 90     |
| 87) Benzo(b)fluoranthene    | 15.06 | 252  | 110284m  | 23.925 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.09 | 252  | 38911m   | 8.568  | ng    |          |
| 89) Benzo(a)pyrene          | 15.43 | 252  | 70508    | 16.825 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene  | 16.97 | 278  | 10655    | 2.884  | ng    | 97       |
| 91) Benzo(g,h,i)perylene    | 17.42 | 276  | 34690    | 9.963  | ng    | # 91     |

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

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