

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\  
 Data File : BF101050.D  
 Acq On : 1 Dec 2017 7:43  
 Operator : SJ/JU  
 Sample : I6304-30DL 25X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-02-112817-EDL

Manual Integrations  
 APPROVED

Sohil  
 12/1/2017 11:13:25 AM

Quant Time: Dec 01 10:32:15 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  | 56395    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 209624   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 84700    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.38 | 188  | 126942   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.03 | 240  | 119927   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.50 | 264  | 91013    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 10876    | 3.19   | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 13840    | 3.34   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 8035     | 2.29   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 2623     | 2.58   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 18321    | 2.96   | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 13320    | 2.43   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.16  | 128  | 101680   | 9.842  | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.85  | 142  | 53638    | 7.641  | ng    | 96       |
| 48) Acenaphthylene          | 9.75  | 152  | 22586    | 2.494  | ng    | # 95     |
| 51) Acenaphthene            | 9.92  | 154  | 45938    | 8.471  | ng    | 100      |
| 54) Dibenzofuran            | 10.09 | 168  | 66945    | 8.566  | ng    | # 98     |
| 57) Fluorene                | 10.44 | 166  | 96433    | 15.179 | ng    | 100      |
| 70) Phenanthrene            | 11.40 | 178  | 413184   | 59.105 | ng    | 99       |
| 71) Anthracene              | 11.46 | 178  | 131964   | 18.652 | ng    | 98       |
| 72) Carbazole               | 11.61 | 167  | 27745    | 4.292  | ng    | 98       |
| 74) Fluoranthene            | 12.60 | 202  | 435242   | 56.167 | ng    | 96       |
| 77) Pyrene                  | 12.83 | 202  | 396956   | 47.969 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.02 | 228  | 234316   | 30.945 | ng    | 99       |
| 82) Chrysene                | 14.05 | 228  | 167588   | 23.831 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.97 | 276  | 52126    | 8.338  | ng    | # 90     |
| 87) Benzo(b)fluoranthene    | 15.07 | 252  | 166470m  | 30.537 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.09 | 252  | 52577m   | 9.789  | ng    |          |
| 89) Benzo(a)pyrene          | 15.43 | 252  | 117189   | 23.646 | ng    | 95       |
| 90) Dibenzo(a,h)anthracene  | 16.98 | 278  | 14356m   | 3.286  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.43 | 276  | 50365    | 12.232 | ng    | # 91     |

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

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