

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041317\  
 Data File : BF094419.D  
 Acq On : 14 Apr 2017 8:39  
 Operator : SJ/MA  
 Sample : I2662-05DL 20X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AREA-3-COMPDL

Manual Integrations  
 APPROVED

mohammad  
 4/14/2017 1:36:28 PM

Quant Time: Apr 14 10:22:10 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 14 01:21:26 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.78  | 152  | 146236   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8          | 7.29  | 136  | 565853   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10        | 9.42  | 164  | 234739   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.25 | 188  | 376255   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12            | 14.50 | 240  | 296296   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12            | 16.12 | 264  | 228894   | 20.00 | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 4.33  | 112  | 45477    | 5.25  | ng    | -0.05    |
| 7) Phenol-d6                | 5.41  | 99   | 61609    | 5.75  | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 6.43  | 82   | 33084    | 3.34  | ng    | -0.06    |
| 41) 2,4,6-Tribromophenol    | 10.40 | 330  | 6546     | 3.53  | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 8.60  | 172  | 69563    | 4.52  | ng    | -0.05    |
| 78) Terphenyl-d14           | 13.22 | 244  | 44739    | 3.38  | ng    | -0.06    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 7.31  | 128  | 326277   | 11.99 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.15  | 142  | 79215    | 4.37  | ng    | 98       |
| 51) Acenaphthene            | 9.46  | 154  | 155350   | 10.81 | ng    | 98       |
| 54) Dibenzofuran            | 9.67  | 168  | 175200   | 8.95  | ng    | 98       |
| 57) Fluorene                | 10.10 | 166  | 144313   | 8.89  | ng    | 99       |
| 70) Phenanthrene            | 11.28 | 178  | 1468292  | 70.15 | ng    | 99       |
| 71) Anthracene              | 11.34 | 178  | 302845   | 14.05 | ng    | 97       |
| 72) Carbazole               | 11.55 | 167  | 156651   | 7.09  | ng    | 97       |
| 74) Fluoranthene            | 12.74 | 202  | 1310137  | 61.13 | ng    | 100      |
| 77) Pyrene                  | 13.02 | 202  | 1083294  | 50.38 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.49 | 228  | 415334   | 24.04 | ng    | 99       |
| 82) Chrysene                | 14.53 | 228  | 403026   | 25.14 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.40 | 276  | 133494   | 9.61  | ng    | 92       |
| 87) Benzo(b)fluoranthene    | 15.72 | 252  | 411001m  | 29.29 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.74 | 252  | 101698m  | 7.41  | ng    |          |
| 89) Benzo(a)pyrene          | 16.06 | 252  | 249335   | 19.30 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 17.42 | 278  | 32607m   | 2.98  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 17.78 | 276  | 121346   | 11.00 | ng    | 98       |

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

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