

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\  
 Data File : BF079393.D  
 Acq On : 20 May 2015 22:20  
 Operator : TP/IZ  
 Sample : G2299-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SB04A(2.5-3.0)

Manual Integrations  
 APPROVED

apatel  
 5/21/2015 4:29:13 PM

Quant Time: May 21 13:10:06 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 05:08:22 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.08  | 152  | 73785m   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 8.66  | 136  | 298289   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 10.83 | 164  | 151679   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 12.67 | 188  | 290288   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 15.97 | 240  | 297902   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 17.73 | 264  | 307711   | 20.00 | ng    | -0.09    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.37  | 112 | 217131m | 50.66 | ng | -0.05 |
| 7) Phenol-d6                | 6.67  | 99  | 279688m | 49.36 | ng | -0.03 |
| 23) Nitrobenzene-d5         | 7.78  | 82  | 146596  | 28.25 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol    | 11.82 | 330 | 82475   | 50.26 | ng | -0.05 |
| 44) 2-Fluorobiphenyl        | 10.01 | 172 | 329800  | 30.29 | ng | -0.05 |
| 78) Terphenyl-d14           | 14.67 | 244 | 399310  | 32.09 | ng | -0.05 |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 31) Naphthalene            | 8.70  | 128 | 30466   | 2.14   | ng | 99   |
| 48) Acenaphthylene         | 10.66 | 152 | 53292   | 3.45   | ng | 99   |
| 51) Acenaphthene           | 10.88 | 154 | 23256   | 2.53   | ng | 96   |
| 54) Dibenzofuran           | 11.10 | 168 | 27526   | 2.07   | ng | 93   |
| 57) Fluorene               | 11.52 | 166 | 29108   | 2.67   | ng | 95   |
| 70) Phenanthrene           | 12.71 | 178 | 477060  | 29.38  | ng | 100  |
| 71) Anthracene             | 12.77 | 178 | 152319  | 9.56   | ng | 99   |
| 72) Carbazole              | 12.97 | 167 | 45989   | 3.03   | ng | # 93 |
| 74) Fluoranthene           | 14.18 | 202 | 676703  | 39.99  | ng | 94   |
| 77) Pyrene                 | 14.46 | 202 | 617167  | 35.95  | ng | 98   |
| 80) Benzo(a)anthracene     | 15.95 | 228 | 347016m | 21.27  | ng |      |
| 82) Chrysene               | 16.00 | 228 | 337896m | 21.54  | ng |      |
| 85) Indeno(1,2,3-cd)pyrene | 19.09 | 276 | 270324  | 13.52  | ng | 94   |
| 87) Benzo(b)fluoranthene   | 17.27 | 252 | 503521m | 29.90  | ng |      |
| 88) Benzo(k)fluoranthene   | 17.30 | 252 | 147021m | 9.02   | ng |      |
| 89) Benzo(a)pyrene         | 17.66 | 252 | 371761  | 23.97  | ng | # 95 |
| 90) Dibenzo(a,h)anthracene | 19.11 | 278 | 66044m  | 4.01   | ng |      |
| 91) Benzo(g,h,i)perylene   | 19.49 | 276 | 267596  | 16.20  | ng | # 90 |

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

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