

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\  
 Data File : BF078353.D  
 Acq On : 9 Apr 2015 00:22  
 Operator : TP/IZ  
 Sample : G1793-03 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3DA

Quant Time: Apr 09 02:10:08 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 00:49:15 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.91  | 152  | 41155    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.50  | 136  | 162187   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 10.66 | 164  | 83999    | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 12.49 | 188  | 157940   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 15.76 | 240  | 161061   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.46 | 264  | 160323   | 20.00 | ng    | -0.11    |

|                             |       |     |       |       |    |      |
|-----------------------------|-------|-----|-------|-------|----|------|
| System Monitoring Compounds |       |     |       |       |    |      |
| 5) 2-Fluorophenol           | 5.18  | 112 | 41619 | 16.67 | ng | 0.01 |
| 7) Phenol-d6                | 6.52  | 99  | 52795 | 16.88 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 7.61  | 82  | 29194 | 10.91 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 11.63 | 330 | 10976 | 15.76 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.84  | 172 | 62826 | 10.69 | ng | 0.00 |
| 78) Terphenyl-d14           | 14.48 | 244 | 74492 | 10.45 | ng | 0.00 |

|                            |       |     |         |        |    |        |
|----------------------------|-------|-----|---------|--------|----|--------|
| Target Compounds           |       |     |         |        |    | Qvalue |
| 31) Naphthalene            | 8.54  | 128 | 5229392 | 619.48 | ng | # 93   |
| 37) 2-Methylnaphthalene    | 9.38  | 142 | 1256138 | 219.17 | ng | 96     |
| 45) 1,1'-Biphenyl          | 9.96  | 154 | 603857  | 87.89  | ng | 98     |
| 48) Acenaphthylene         | 10.49 | 152 | 497820  | 57.03  | ng | 97     |
| 51) Acenaphthene           | 10.70 | 154 | 1142288 | 232.41 | ng | 98     |
| 54) Dibenzofuran           | 10.91 | 168 | 81921   | 10.91  | ng | 98     |
| 57) Fluorene               | 11.33 | 166 | 938396  | 154.22 | ng | 99     |
| 70) Phenanthrene           | 12.53 | 178 | 3441052 | 376.65 | ng | 95     |
| 71) Anthracene             | 12.59 | 178 | 1091201 | 121.21 | ng | 99     |
| 72) Carbazole              | 12.80 | 167 | 25677   | 3.04   | ng | # 91   |
| 74) Fluoranthene           | 14.00 | 202 | 2013167 | 208.95 | ng | 95     |
| 77) Pvrene                 | 14.27 | 202 | 2724752 | 269.49 | ng | 93     |
| 80) Benzo(a)anthracene     | 15.75 | 228 | 977841m | 102.04 | ng |        |
| 82) Chrysene               | 15.79 | 228 | 630238  | 70.00  | ng | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 18.73 | 276 | 325948m | 31.90  | ng |        |
| 87) Benzo(b)fluoranthene   | 17.03 | 252 | 695680  | 70.21  | ng | # 94   |
| 88) Benzo(k)fluoranthene   | 17.06 | 252 | 162595m | 18.47  | ng |        |
| 89) Benzo(a)pyrene         | 17.40 | 252 | 768311  | 88.85  | ng | # 94   |
| 90) Dibenzo(a,h)anthracene | 18.75 | 278 | 57478m  | 6.64   | ng |        |
| 91) Benzo(a,h,i)perylene   | 19.11 | 276 | 410544  | 47.30  | ng | 96     |

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

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