

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051216\  
 Data File : BF086946.D  
 Acq On : 12 May 2016 22:49  
 Operator : UM/SJ  
 Sample : H2994-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PM-STA-1335-00(0-3)

Manual Integrations  
 APPROVED

sohil  
 5/13/2016 8:07:26 PM

Quant Time: May 13 02:07:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 13 00:58:18 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.62  | 152  | 151157   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.91  | 136  | 598730   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.66  | 164  | 255920   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.13 | 188  | 371775   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.77 | 240  | 278147   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.13 | 264  | 318538   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.22  | 112  | 1077041  | 120.67 | ng    | 0.01     |
| 7) Phenol-d6                | 6.30  | 99   | 1483605  | 124.37 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.20  | 82   | 984099   | 82.53  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.44 | 330  | 240162   | 88.64  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.99  | 172  | 1451293  | 95.31  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.72 | 244  | 808402   | 61.67  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 7.93  | 128  | 227485   | 7.59   | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.63  | 142  | 122178   | 6.97   | ng    | 99       |
| 48) Acenaphthylene          | 9.52  | 152  | 513817   | 21.90  | ng    | 98       |
| 49) Dimethylphthalate       | 9.39  | 163  | 96754    | 4.96   | ng    | 99       |
| 54) Dibenzofuran            | 9.86  | 168  | 82134    | 4.38   | ng    | # 95     |
| 70) Phenanthrene            | 11.16 | 178  | 939664   | 47.36  | ng    | 99       |
| 71) Anthracene              | 11.21 | 178  | 400130   | 19.72  | ng    | 99       |
| 72) Carbazole               | 11.37 | 167  | 142289   | 8.16   | ng    | 98       |
| 74) Fluoranthene            | 12.35 | 202  | 1955489  | 95.83  | ng    | 92       |
| 77) Pyrene                  | 12.57 | 202  | 1406699  | 66.06  | ng    | 99       |
| 79) Butylbenzylphthalate    | 13.20 | 149  | 66279    | 7.36   | ng    | # 78     |
| 80) Benzo(a)anthracene      | 13.76 | 228  | 1245786m | 79.78  | ng    |          |
| 82) Chrysene                | 13.79 | 228  | 746924   | 47.03  | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.39 | 276  | 513062   | 38.82  | ng    | # 89     |
| 87) Benzo(b)fluoranthene    | 14.77 | 252  | 1760432m | 85.04  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.79 | 252  | 190229m  | 11.22  | ng    |          |
| 89) Benzo(a)pyrene          | 15.09 | 252  | 874019   | 48.95  | ng    | 96       |
| 90) Dibenzo(a,h)anthracene  | 16.39 | 278  | 160551m  | 10.67  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 16.77 | 276  | 392156   | 25.65  | ng    | # 94     |

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

