

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\  
 Data File : BF087136.D  
 Acq On : 18 May 2016 7:36  
 Operator : UM/SJ  
 Sample : H2994-03RE  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

sohil  
 5/18/2016 6:59:51 PM

Quant Time: May 18 08:06:24 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 17 16:55:01 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.59  | 152  | 144829   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.88  | 136  | 544118   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.63  | 164  | 222882   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.11 | 188  | 334166   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.75 | 240  | 267051   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.11 | 264  | 330919   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.19  | 112 | 990223  | 114.92 | ng | -0.01 |
| 7) Phenol-d6                | 6.26  | 99  | 1179363 | 102.05 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.16  | 82  | 762467  | 69.84  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.42 | 330 | 243052  | 98.68  | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 8.96  | 172 | 1166651 | 86.69  | ng | -0.02 |
| 78) Terphenyl-d14           | 12.70 | 244 | 877153  | 74.30  | ng | -0.01 |

|                                |       |     |          |        |    |      |
|--------------------------------|-------|-----|----------|--------|----|------|
| Target Compounds               |       |     |          | Qvalue |    |      |
| 31) Naphthalene                | 7.90  | 128 | 189398   | 7.12   | ng | 98   |
| 37) 2-Methylnaphthalene        | 8.59  | 142 | 120157   | 7.07   | ng | 98   |
| 48) Acenaphthylene             | 9.50  | 152 | 429352   | 19.82  | ng | 99   |
| 49) Dimethylphthalate          | 9.36  | 163 | 91256    | 5.37   | ng | 99   |
| 54) Dibenzofuran               | 9.84  | 168 | 65272    | 3.73   | ng | # 91 |
| 57) Fluorene                   | 10.17 | 166 | 66626    | 4.74   | ng | # 95 |
| 70) Phenanthrene               | 11.13 | 178 | 790673   | 43.63  | ng | 100  |
| 71) Anthracene                 | 11.19 | 178 | 359899   | 19.63  | ng | 98   |
| 72) Carbazole                  | 11.35 | 167 | 133493   | 7.97   | ng | 99   |
| 74) Fluoranthene               | 12.32 | 202 | 1614672  | 88.92  | ng | 98   |
| 77) Pyrene                     | 12.55 | 202 | 1426450  | 73.94  | ng | 99   |
| 79) Butylbenzylphthalate       | 13.18 | 149 | 62099    | 7.62   | ng | 92   |
| 80) Benzo(a)anthracene         | 13.74 | 228 | 1070518  | 69.33  | ng | # 90 |
| 82) Chrysene                   | 13.77 | 228 | 964385m  | 64.55  | ng |      |
| 83) Bis(2-ethylhexyl)phthalate | 13.74 | 149 | 21591    | 2.18   | ng | # 94 |
| 85) Indeno(1,2,3-cd)pyrene     | 16.35 | 276 | 500266   | 38.15  | ng | # 90 |
| 87) Benzo(b)fluoranthene       | 14.74 | 252 | 1810057m | 82.45  | ng |      |
| 88) Benzo(k)fluoranthene       | 14.77 | 252 | 160590m  | 9.83   | ng |      |
| 89) Benzo(a)pyrene             | 15.06 | 252 | 919756   | 50.12  | ng | 95   |
| 90) Dibenzo(a,h)anthracene     | 16.35 | 278 | 158175m  | 10.24  | ng |      |
| 91) Benzo(g,h,i)perylene       | 16.73 | 276 | 381597   | 24.45  | ng | # 93 |

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\  
Data File : BF087136.D  
Acq On : 18 May 2016 7:36  
Operator : UM/SJ  
Sample : H2994-03RE  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

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

Manual Integrations  
APPROVED

sohil  
5/18/2016 6:59:51 PM

Quant Time: May 18 08:06:24 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 17 16:55:01 2016  
Response via : Initial Calibration

