

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\  
 Data File : BF089010.D  
 Acq On : 15 Jul 2016 3:21  
 Operator : UM/SJ  
 Sample : H3972-14  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LSS-SS-SS04(0-2in)

## Manual Integrations

APPROVED  
 Sohil  
 7/15/2016 9:16:47 AM

Quant Time: Jul 15 04:23:21 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 11 18:13:32 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.68  | 152  | 45705    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8             | 7.98  | 136  | 185349   | 20.00  | ng    | -0.02     |
| 38) Acenaphthene-d10           | 9.72  | 164  | 71245    | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10           | 11.20 | 188  | 137350   | 20.00  | ng    | -0.02     |
| 75) Chrysene-d12               | 13.83 | 240  | 89180    | 20.00  | ng    | -0.02     |
| 86) Perylene-d12               | 15.20 | 264  | 68731    | 20.00  | ng    | -0.01     |
| System Monitoring Compounds    |       |      |          |        |       |           |
| 5) 2-Fluorophenol              | 5.29  | 112  | 297942   | 97.70  | ng    | 0.00      |
| 7) Phenol-d6                   | 6.34  | 99   | 365143   | 92.66  | ng    | -0.01     |
| 23) Nitrobenzene-d5            | 7.26  | 82   | 227681   | 64.37  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol       | 10.51 | 330  | 57683    | 87.19  | ng    | -0.02     |
| 44) 2-Fluorobiphenyl           | 9.05  | 172  | 326004   | 72.28  | ng    | -0.02     |
| 78) Terphenyl-d14              | 12.79 | 244  | 261084   | 65.21  | ng    | -0.01     |
| Target Compounds               |       |      |          |        |       |           |
| 48) Acenaphthylene             | 9.59  | 152  | 20663    | 2.80   | ng    | Qvalue 98 |
| 49) Dimethylphthalate          | 9.45  | 163  | 84737    | 16.69  | ng    | 99        |
| 57) Fluorene                   | 10.26 | 166  | 10559    | 2.32   | ng    | 97        |
| 70) Phenanthrene               | 11.22 | 178  | 147252   | 19.61  | ng    | 97        |
| 71) Anthracene                 | 11.27 | 178  | 42880    | 5.74   | ng    | 98        |
| 72) Carbazole                  | 11.43 | 167  | 14068    | 2.00   | ng    | 97        |
| 74) Fluoranthene               | 12.41 | 202  | 329052   | 43.23  | ng    | 93        |
| 77) Pyrene                     | 12.63 | 202  | 275599   | 36.45  | ng    | 98        |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 831736   | 246.60 | ng    | # 74      |
| 80) Benzo(a)anthracene         | 13.82 | 228  | 129799m  | 22.60  | ng    |           |
| 82) Chrysene                   | 13.85 | 228  | 122692m  | 21.60  | ng    |           |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 470466   | 122.18 | ng    | 98        |
| 85) Indeno(1,2,3-cd)pyrene     | 16.48 | 276  | 52088    | 11.92  | ng    | # 100     |
| 87) Benzo(b)fluoranthene       | 14.82 | 252  | 138677m  | 32.16  | ng    |           |
| 88) Benzo(k)fluoranthene       | 14.85 | 252  | 48317m   | 12.87  | ng    |           |
| 89) Benzo(a)pyrene             | 15.14 | 252  | 90260    | 24.73  | ng    | 98        |
| 90) Dibenzo(a,h)anthracene     | 16.49 | 278  | 18269    | 5.99   | ng    | # 83      |
| 91) Benzo(g,h,i)perylene       | 16.87 | 276  | 51817    | 16.43  | ng    | 96        |

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\  
Data File : BF089010.D  
Acq On : 15 Jul 2016 3:21  
Operator : UM/SJ  
Sample : H3972-14  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SS-SS04(0-2in)

Manual Integrations

APPROVED  
Sohil  
7/15/2016 9:16:47 AM

Quant Time: Jul 15 04:23:21 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 11 18:13:32 2016  
Response via : Initial Calibration

