

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\  
 Data File : BF089176.D  
 Acq On : 21 Jul 2016 13:13  
 Operator : UM/SJ  
 Sample : H4112-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KSB-07-0.2-2.0

## Manual Integrations

umangi  
 7/22/2016 6:22:59 PM

Quant Time: Jul 22 11:33:42 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 19:03:15 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.60  | 152  | 45896    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.88  | 136  | 191716   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.62  | 164  | 72696    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.10 | 188  | 118196   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.73 | 240  | 101478   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.07 | 264  | 81996    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.19  | 112  | 351623   | 116.52 | ng    | 0.00     |
| 7) Phenol-d6                | 6.26  | 99   | 470438   | 120.89 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.18  | 82   | 277017   | 76.77  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.41 | 330  | 52413    | 80.08  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.96  | 172  | 413627   | 78.40  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.69 | 244  | 290466   | 62.08  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 7.91  | 128  | 22363    | 2.16   | ng    | 99       |
| 48) Acenaphthylene          | 9.48  | 152  | 23056    | 2.95   | ng    | 98       |
| 49) Dimethylphthalate       | 9.36  | 163  | 111879   | 20.06  | ng    | 99       |
| 51) Acenaphthene            | 9.66  | 154  | 14728    | 3.18   | ng    | 97       |
| 54) Dibenzofuran            | 9.84  | 168  | 13933    | 2.23   | ng    | 92       |
| 57) Fluorene                | 10.17 | 166  | 19417m   | 3.66   | ng    |          |
| 70) Phenanthrene            | 11.13 | 178  | 195491   | 30.15  | ng    | 99       |
| 71) Anthracene              | 11.18 | 178  | 75533    | 11.21  | ng    | 99       |
| 72) Carbazole               | 11.34 | 167  | 23855    | 4.03   | ng    | 98       |
| 74) Fluoranthene            | 12.31 | 202  | 280262   | 41.12  | ng    | 94       |
| 77) Pyrene                  | 12.53 | 202  | 234694   | 28.00  | ng    | 96       |
| 80) Benzo(a)anthracene      | 13.71 | 228  | 122879m  | 19.01  | ng    |          |
| 82) Chrysene                | 13.75 | 228  | 112860m  | 18.28  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.30 | 276  | 49834    | 11.11  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 14.71 | 252  | 108141m  | 18.21  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.72 | 252  | 59269m   | 13.96  | ng    |          |
| 89) Benzo(a)pyrene          | 15.02 | 252  | 89620    | 19.44  | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 16.31 | 278  | 12540m   | 3.44   | ng    |          |
| 91) Benzo(a,h,i)perylene    | 16.66 | 276  | 45057    | 12.28  | ng    | 94       |

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\  
Data File : BF089176.D  
Acq On : 21 Jul 2016 13:13  
Operator : UM/SJ  
Sample : H4112-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
KSB-07-0.2-2.0

Manual Integrations

Quant Time: Jul 22 11:33:42 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 20 19:03:15 2016  
Response via : Initial Calibration

umangi  
7/22/2016 6:22:59 PM

