

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\  
 Data File : BF083666.D  
 Acq On : 10 Dec 2015 5:15  
 Operator : UM/IZ  
 Sample : G4583-08DL 10X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-P3WC-08(0-8)DL

Manual Integrations  
 APPROVED

MMdadoda  
 12/10/2015 5:50:29 PM

Quant Time: Dec 10 06:33:04 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 09 00:23:35 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.68  | 152  | 128325   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.57  | 136  | 499910   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10        | 10.36 | 164  | 233101   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 12.76 | 188  | 355217   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 16.98 | 240  | 303024   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 18.63 | 264  | 249474   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 4.00  | 112  | 86084    | 10.17 | ng    | 0.02     |
| 7) Phenol-d6                | 5.30  | 99   | 127168   | 11.25 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 6.53  | 82   | 82033    | 7.66  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.68 | 330  | 17059    | 8.21  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 150716   | 9.10  | ng    | -0.02    |
| 78) Terphenyl-d14           | 15.39 | 244  | 108873   | 8.45  | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 7.61  | 128  | 1258606  | 47.54 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.72  | 142  | 147048   | 8.84  | ng    | 99       |
| 45) 1,1'-Biphenyl           | 9.48  | 154  | 53200    | 2.63  | ng    | 95       |
| 48) Acenaphthylene          | 10.14 | 152  | 90529    | 3.59  | ng    | 99       |
| 51) Acenaphthene            | 10.42 | 154  | 186590   | 12.92 | ng    | 98       |
| 57) Fluorene                | 11.27 | 166  | 88129    | 5.04  | ng    | 98       |
| 70) Phenanthrene            | 12.80 | 178  | 455878   | 22.34 | ng    | 99       |
| 71) Anthracene              | 12.89 | 178  | 169718   | 8.03  | ng    | 99       |
| 74) Fluoranthene            | 14.73 | 202  | 321706   | 15.41 | ng    | 99       |
| 77) Pyrene                  | 15.08 | 202  | 484549   | 22.21 | ng    | 99       |
| 80) Benzo(a)anthracene      | 16.97 | 228  | 173891m  | 9.80  | ng    |          |
| 82) Chrysene                | 17.01 | 228  | 197925m  | 11.13 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 19.88 | 276  | 111134   | 9.26  | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 18.25 | 252  | 235312m  | 16.56 | ng    |          |
| 88) Benzo(k)fluoranthene    | 18.27 | 252  | 52622m   | 3.36  | ng    |          |
| 89) Benzo(a)pyrene          | 18.57 | 252  | 209080   | 15.08 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene  | 19.88 | 278  | 30745m   | 2.90  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 20.23 | 276  | 135822   | 13.14 | ng    | 98       |

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\  
Data File : BF083666.D  
Acq On : 10 Dec 2015 5:15  
Operator : UM/IZ  
Sample : G4583-08DL 10X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-P3WC-08(0-8)DL

Manual Integrations  
APPROVED

MMdadoda  
12/10/2015 5:50:29 PM

Quant Time: Dec 10 06:33:04 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 09 00:23:35 2015  
Response via : Initial Calibration

