

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\  
 Data File : BF086431.D  
 Acq On : 27 Apr 2016 18:37  
 Operator : UM/SJ  
 Sample : H2660-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB2-PRE-B10

Manual Integrations  
 APPROVED

sohil  
 4/28/2016 2:14:09 PM

Quant Time: Apr 28 13:03:05 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response  | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|-----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 113378    | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.12  | 136  | 464906    | 20.00   | ng    | 0.02     |
| 38) Acenaphthene-d10        | 9.85  | 164  | 204521    | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.32 | 188  | 333415    | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12            | 13.95 | 240  | 246738    | 20.00   | ng    | -0.01    |
| 86) Perylene-d12            | 15.36 | 264  | 257906    | 20.00   | ng    | 0.00     |
| System Monitoring Compounds |       |      |           |         |       |          |
| 5) 2-Fluorophenol           | 5.40  | 112  | 818469    | 124.52  | ng    | 0.01     |
| 7) Phenol-d6                | 6.46  | 99   | 982675    | 107.12  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.62  | 82   | 173861m   | 20.16   | ng    | 0.24     |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 218188    | 101.16  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 848280    | 69.62   | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.91 | 244  | 490441    | 43.79   | ng    | 0.00     |
| Target Compounds            |       |      |           |         |       | Qvalue   |
| 6) Aniline                  | 6.50  | 93   | 5772282   | 519.96  | ng    | 95       |
| 24) Nitrobenzene            | 7.66  | 77   | 40211352m | 4532.15 | ng    |          |
| 31) Naphthalene             | 8.14  | 128  | 633268    | 26.77   | ng    | 100      |
| 37) 2-Methylnaphthalene     | 8.81  | 142  | 56877     | 4.07    | ng    | 96       |
| 45) 1,1'-Biphenyl           | 9.26  | 154  | 119479    | 6.99    | ng    | 95       |
| 47) 2-Nitroaniline          | 9.39  | 65   | 41682     | 10.00   | ng    | 91       |
| 49) Dimethylphthalate       | 9.56  | 163  | 142783    | 9.27    | ng    | 99       |
| 51) Acenaphthene            | 9.87  | 154  | 70699     | 5.42    | ng    | 97       |
| 52) 3-Nitroaniline          | 9.80  | 138  | 115640    | 31.97   | ng    | 97       |
| 54) Dibenzofuran            | 10.04 | 168  | 74868     | 4.59    | ng    | 90       |
| 55) 4-Nitrophenol           | 9.96  | 139  | 31418     | 13.26   | ng    | # 72     |
| 57) Fluorene                | 10.38 | 166  | 73042     | 5.16    | ng    | 98       |
| 61) 4-Nitroaniline          | 10.43 | 138  | 8096      | 2.29    | ng    | # 69     |
| 62) Azobenzene              | 10.54 | 77   | 67910     | 4.25    | ng    | 83       |
| 65) n-Nitrosodiphenylamine  | 10.51 | 169  | 1606848   | 154.20  | ng    | 99       |
| 70) Phenanthrene            | 11.34 | 178  | 230299    | 13.16   | ng    | 99       |
| 71) Anthracene              | 11.40 | 178  | 62610     | 3.35    | ng    | 99       |
| 72) Carbazole               | 11.55 | 167  | 189866    | 11.47   | ng    | 98       |
| 74) Fluoranthene            | 12.53 | 202  | 96142     | 5.44    | ng    | 94       |
| 77) Pvrene                  | 12.76 | 202  | 57160     | 3.21    | ng    | 98       |

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

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