

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\  
 Data File : BF104166.D  
 Acq On : 3 Apr 2018 7:28  
 Operator : JU/SJ  
 Sample : J2176-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2\_SB52\_W\_8

Manual Integrations  
 APPROVED

Sohil  
 4/3/2018 2:28:20 PM

Quant Time: Apr 03 08:24:02 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 02 13:40:00 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 86594    | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.25  | 136  | 351369   | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.00 | 164  | 143911   | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.50 | 188  | 224139   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12            | 14.16 | 240  | 180275   | 20.00   | ng    | 0.01     |
| 86) Perylene-d12            | 15.70 | 264  | 139226   | 20.00   | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.59  | 112  | 404900   | 74.57   | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 560082   | 83.84   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 351744   | 61.22   | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 101806   | 63.53   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 621969   | 68.15   | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.08 | 244  | 458520   | 58.73   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.26  | 128  | 85794    | 4.998   | ng    | 98       |
| 48) Acenaphthylene          | 9.86  | 152  | 114664   | 7.768   | ng    | 99       |
| 49) Dimethylphthalate       | 9.70  | 163  | 54573    | 4.803   | ng    | 98       |
| 70) Phenanthrene            | 11.52 | 178  | 276621   | 22.795  | ng    | 97       |
| 71) Anthracene              | 11.57 | 178  | 224634   | 17.722  | ng    | 98       |
| 74) Fluoranthene            | 12.73 | 202  | 1440780  | 111.696 | ng    | 98       |
| 77) Pyrene                  | 12.96 | 202  | 1246303  | 96.171  | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.15 | 228  | 889078   | 78.818  | ng    | 96       |
| 82) Chrysene                | 14.19 | 228  | 602144   | 54.501  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.30 | 276  | 237051   | 20.705  | ng    | # 87     |
| 87) Benzo(b)fluoranthene    | 15.25 | 252  | 703986m  | 83.084  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.27 | 252  | 227255m  | 28.472  | ng    |          |
| 89) Benzo(a)pyrene          | 15.64 | 252  | 488296   | 62.187  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 17.30 | 278  | 54215m   | 7.468   | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.79 | 276  | 198731   | 27.330  | ng    | 96       |

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

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