

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\  
 Data File : BF106509.D  
 Acq On : 15 Jun 2018 22:58  
 Operator : JU/SJ  
 Sample : J3486-05 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DOCUMENTATION-8

Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:38:42 AM

Quant Time: Jun 16 02:19:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 15 11:11:47 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 118969   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.25  | 136  | 422410   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 10.01 | 164  | 176004   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 11.50 | 188  | 342183   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 14.15 | 240  | 318600   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.69 | 264  | 223173   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.61  | 112  | 326394   | 46.43  | ng    | 0.00        |
| 7) Phenol-d6                | 6.61  | 99   | 399138   | 44.94  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 241574   | 33.64  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 84935    | 50.15  | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 422590   | 32.90  | ng    | 0.00        |
| 78) Terphenyl-d14           | 13.08 | 244  | 494196   | 38.53  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 49) Dimethylphthalate       | 9.71  | 163  | 40746    | 3.240  | ng    | Qvalue # 99 |
| 57) Fluorene                | 10.55 | 166  | 23647    | 2.055  | ng    | 97          |
| 70) Phenanthrene            | 11.52 | 178  | 382535   | 22.827 | ng    | 99          |
| 71) Anthracene              | 11.57 | 178  | 126369   | 7.527  | ng    | 99          |
| 72) Carbazole               | 11.73 | 167  | 38347    | 2.474  | ng    | 97          |
| 74) Fluoranthene            | 12.72 | 202  | 804322   | 45.006 | ng    | 98          |
| 77) Pyrene                  | 12.95 | 202  | 745779   | 37.389 | ng    | 99          |
| 79) Butylbenzylphthalate    | 13.55 | 149  | 15926    | 2.133  | ng    | # 89        |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 426178   | 22.478 | ng    | 96          |
| 82) Chrysene                | 14.18 | 228  | 352649   | 20.372 | ng    | 98          |
| 85) Indeno(1,2,3-cd)pyrene  | 17.26 | 276  | 147041   | 10.644 | ng    | # 89        |
| 87) Benzo(b)fluoranthene    | 15.24 | 252  | 382577m  | 28.359 | ng    |             |
| 88) Benzo(k)fluoranthene    | 15.26 | 252  | 130361m  | 9.757  | ng    |             |
| 89) Benzo(a)pyrene          | 15.62 | 252  | 259272   | 21.367 | ng    | 96          |
| 90) Dibenzo(a,h)anthracene  | 17.27 | 278  | 36376    | 3.596  | ng    | 93          |
| 91) Benzo(g,h,i)perylene    | 17.74 | 276  | 152402   | 15.502 | ng    | # 91        |

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

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