

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\  
 Data File : BF106642.D  
 Acq On : 21 Jun 2018 1:30  
 Operator : JU/SJ  
 Sample : J3575-10 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Manual Integrations  
 APPROVED

Sohil  
 6/21/2018 11:28:12 AM

Quant Time: Jun 21 08:08:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 19 14:32:09 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 81263    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.24  | 136  | 306242   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 10.00 | 164  | 132692   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.49 | 188  | 229724   | 20.00  | ng    | -0.01     |
| 75) Chrysene-d12            | 14.14 | 240  | 257277   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 15.68 | 264  | 209019   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.60  | 112  | 108014   | 22.51  | ng    | 0.00      |
| 7) Phenol-d6                | 6.60  | 99   | 133794   | 22.32  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 77996    | 14.15  | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 10.79 | 330  | 27298    | 17.75  | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 139883   | 3.74   | ng    | -0.01     |
| 78) Terphenyl-d14           | 13.07 | 244  | 151483   | 14.26  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 70) Phenanthrene            | 11.51 | 178  | 41688    | 3.762  | ng    | Qvalue 97 |
| 74) Fluoranthene            | 12.71 | 202  | 140809   | 11.530 | ng    | 97        |
| 77) Pyrene                  | 12.94 | 202  | 318585   | 18.778 | ng    | 99        |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 194848m  | 12.426 | ng    |           |
| 82) Chrysene                | 14.17 | 228  | 238784   | 16.553 | ng    | 98        |
| 85) Indeno(1,2,3-cd)pyrene  | 17.24 | 276  | 83061    | 6.785  | ng    | # 88      |
| 87) Benzo(b)fluoranthene    | 15.22 | 252  | 204384m  | 15.741 | ng    |           |
| 88) Benzo(k)fluoranthene    | 15.25 | 252  | 60038m   | 4.856  | ng    |           |
| 89) Benzo(a)pyrene          | 15.61 | 252  | 186574m  | 16.164 | ng    |           |
| 90) Dibenzo(a,h)anthracene  | 17.25 | 278  | 24496    | 2.504  | ng    | # 86      |
| 91) Benzo(g,h,i)perylene    | 17.72 | 276  | 93241m   | 9.752  | ng    |           |

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

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