

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\  
 Data File : BF106449.D  
 Acq On : 14 Jun 2018 18:24  
 Operator : JU/SJ  
 Sample : J3241-11 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-05-061318-C

Manual Integrations  
 APPROVED

Sohil  
 6/15/2018 11:16:50 AM

Quant Time: Jun 15 01:31:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 14 18:39:24 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 129796   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.25  | 136  | 486279   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 10.01 | 164  | 199440   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.49 | 188  | 327593   | 20.00 | ng    | 0.00      |
| 75) Chrysene-d12            | 14.15 | 240  | 338544   | 20.00 | ng    | -0.01     |
| 86) Perylene-d12            | 15.69 | 264  | 228868   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.62  | 112  | 140502   | 18.32 | ng    | 0.00      |
| 7) Phenol-d6                | 6.61  | 99   | 176166   | 18.18 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 102415   | 12.39 | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 29841    | 15.55 | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 195257   | 7.76  | ng    | 0.00      |
| 78) Terphenyl-d14           | 13.08 | 244  | 179814   | 13.19 | ng    | -0.01     |
| Target Compounds            |       |      |          |       |       |           |
| 70) Phenanthrene            | 11.52 | 178  | 62392    | 3.889 | ng    | Qvalue 97 |
| 74) Fluoranthene            | 12.71 | 202  | 126748   | 7.408 | ng    | 96        |
| 77) Pyrene                  | 12.95 | 202  | 121842   | 5.749 | ng    | 96        |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 67791    | 3.365 | ng    | 98        |
| 82) Chrysene                | 14.18 | 228  | 58840    | 3.199 | ng    | 97        |
| 87) Benzo(b)fluoranthene    | 15.23 | 252  | 60351m   | 4.362 | ng    |           |
| 89) Benzo(a)pyrene          | 15.62 | 252  | 40606    | 3.263 | ng    | # 92      |
| 91) Benzo(g,h,i)perylene    | 17.72 | 276  | 22634    | 2.245 | ng    | 92        |

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

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