

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\  
 Data File : BF106308.D  
 Acq On : 11 Jun 2018 21:22  
 Operator : JU/SJ  
 Sample : J2932-07 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-D-DB-1-2

Manual Integrations  
 APPROVED

Sohil  
 6/12/2018 12:58:27 PM

Quant Time: Jun 12 03:55:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 11 15:00:22 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 208053   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.25  | 136  | 792725   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.01 | 164  | 357424   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.50 | 188  | 613120   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.15 | 240  | 512216   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.68 | 264  | 408171   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.58  | 112  | 251492   | 20.46  | ng    | 0.00     |
| 7) Phenol-d6                | 6.58  | 99   | 315615   | 20.32  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 188345   | 13.98  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 63715    | 18.53  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 369510   | 8.67   | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.08 | 244  | 317791   | 15.41  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 70) Phenanthrene            | 11.52 | 178  | 347198   | 11.563 | ng    | 99       |
| 71) Anthracene              | 11.58 | 178  | 107970   | 3.589  | ng    | 98       |
| 74) Fluoranthene            | 12.72 | 202  | 555391   | 17.344 | ng    | 97       |
| 77) Pyrene                  | 12.95 | 202  | 489877   | 15.276 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 264704   | 8.684  | ng    | 97       |
| 82) Chrysene                | 14.17 | 228  | 227243   | 8.165  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.23 | 276  | 84576    | 3.808  | ng    | # 90     |
| 87) Benzo(b)fluoranthene    | 15.22 | 252  | 260526m  | 10.559 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.25 | 252  | 93091m   | 3.810  | ng    |          |
| 89) Benzo(a)pyrene          | 15.61 | 252  | 180284   | 8.124  | ng    | 98       |
| 91) Benzo(g,h,i)perylene    | 17.71 | 276  | 79051    | 4.396  | ng    | 93       |

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

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