

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\  
 Data File : BF107014.D  
 Acq On : 30 Jun 2018 15:02  
 Operator : JU/SJ  
 Sample : J3600-03 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DOCUMENTATION-3

Manual Integrations  
 APPROVED

Sohil  
 7/2/2018 12:30:06 PM

Quant Time: Jul 02 05:37:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.95  | 152  | 63509    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8             | 8.24  | 136  | 230639   | 20.00  | ng    | -0.01     |
| 38) Acenaphthene-d10           | 10.00 | 164  | 99072    | 20.00  | ng    | -0.01     |
| 63) Phenanthrene-d10           | 11.49 | 188  | 186471   | 20.00  | ng    | -0.01     |
| 75) Chrysene-d12               | 14.15 | 240  | 213905   | 20.00  | ng    | -0.02     |
| 86) Perylene-d12               | 15.69 | 264  | 153864   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds    |       |      |          |        |       |           |
| 5) 2-Fluorophenol              | 5.59  | 112  | 76000    | 20.26  | ng    | -0.01     |
| 7) Phenol-d6                   | 6.60  | 99   | 91615    | 19.56  | ng    | -0.02     |
| 23) Nitrobenzene-d5            | 7.51  | 82   | 51326    | 12.37  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol       | 10.79 | 330  | 21469    | 18.70  | ng    | -0.01     |
| 44) 2-Fluorobiphenyl           | 9.31  | 172  | 103837   | 3.62   | ng    | -0.02     |
| 78) Terphenyl-d14              | 13.07 | 244  | 126279   | 14.30  | ng    | -0.02     |
| Target Compounds               |       |      |          |        |       |           |
| 70) Phenanthrene               | 11.51 | 178  | 141366   | 15.718 | ng    | Qvalue 99 |
| 71) Anthracene                 | 11.57 | 178  | 45122    | 4.915  | ng    | 98        |
| 74) Fluoranthene               | 12.71 | 202  | 242323   | 24.445 | ng    | 94        |
| 77) Pyrene                     | 12.94 | 202  | 218154   | 15.466 | ng    | 98        |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 133417   | 10.234 | ng    | 99        |
| 82) Chrysene                   | 14.17 | 228  | 114855   | 9.576  | ng    | 96        |
| 83) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 16584    | 2.237  | ng    | # 97      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 42321    | 4.158  | ng    | # 87      |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 130750m  | 13.680 | ng    |           |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 43147m   | 4.740  | ng    |           |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 81896    | 9.638  | ng    | 96        |
| 91) Benzo(a,h,i)perylene       | 17.75 | 276  | 38580    | 5.481  | ng    | # 85      |

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

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