

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
 Data File : BF107584.D  
 Acq On : 23 Jul 2018 13:31  
 Operator : JU/SJ  
 Sample : J4081-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR200029

Manual Integrations  
 APPROVED

Sohil  
 7/24/2018 5:25:39 PM

Quant Time: Jul 23 15:00:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 291479   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.25  | 136  | 1159670  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.02 | 164  | 509603   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.51 | 188  | 940644   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 14.16 | 240  | 621680   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.69 | 264  | 732379   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 1304631  | 71.96 | ng    | 0.00     |
| 7) Phenol-d6                | 6.61  | 99   | 1636386  | 75.17 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.54  | 82   | 1023038  | 59.54 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.81 | 330  | 459023   | 79.21 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.33  | 172  | 1931245  | 59.55 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.09 | 244  | 1525343  | 62.81 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 49) Dimethylphthalate       | 9.72  | 163  | 153283   | 3.991 | ng    | 99       |
| 70) Phenanthrene            | 11.54 | 178  | 144713   | 3.157 | ng    | 99       |
| 74) Fluoranthene            | 12.72 | 202  | 317004   | 6.445 | ng    | 99       |
| 77) Pyrene                  | 12.96 | 202  | 296787   | 6.979 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.15 | 228  | 148360   | 4.072 | ng    | 97       |
| 82) Chrysene                | 14.18 | 228  | 151663   | 4.334 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.26 | 276  | 101481   | 3.421 | ng    | # 91     |
| 87) Benzo(b)fluoranthene    | 15.24 | 252  | 215943m  | 5.387 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.26 | 252  | 82207m   | 2.093 | ng    |          |
| 89) Benzo(a)pyrene          | 15.62 | 252  | 154204   | 4.206 | ng    | 99       |
| 91) Benzo(g,h,i)perylene    | 17.74 | 276  | 95749    | 3.063 | ng    | # 91     |

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

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