

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\  
 Data File : BF107889.D  
 Acq On : 1 Aug 2018 15:20  
 Operator : JU/SJ  
 Sample : J4164-11  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-072518

Manual Integrations  
 APPROVED

Sohil  
 8/2/2018 9:17:05 AM

Quant Time: Aug 01 16:25:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 30 17:48:53 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 135641   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 516952   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.00 | 164  | 229531   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.50 | 188  | 441824   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.15 | 240  | 406840   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.69 | 264  | 447481   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 778597   | 97.56  | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 970900   | 92.30  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 643744   | 71.74  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 275081   | 88.20  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 1136831  | 69.02  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.08 | 244  | 1050578  | 56.00  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 48) Acenaphthylene          | 9.87  | 152  | 71741    | 2.938  | ng    | 98       |
| 49) Dimethylphthalate       | 9.71  | 163  | 71394    | 4.142  | ng    | 99       |
| 70) Phenanthrene            | 11.52 | 178  | 222811   | 10.621 | ng    | 99       |
| 71) Anthracene              | 11.58 | 178  | 109237   | 4.514  | ng    | 97       |
| 74) Fluoranthene            | 12.72 | 202  | 560298   | 22.734 | ng    | 96       |
| 77) Pyrene                  | 12.95 | 202  | 571797   | 19.518 | ng    | 97       |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 396197   | 17.192 | ng    | 93       |
| 82) Chrysene                | 14.18 | 228  | 317679   | 12.780 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.28 | 276  | 164566m  | 8.704  | ng    |          |
| 87) Benzo(b)fluoranthene    | 15.23 | 252  | 390763m  | 17.706 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.25 | 252  | 197357m  | 7.284  | ng    |          |
| 89) Benzo(a)pyrene          | 15.62 | 252  | 333763   | 14.649 | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 17.75 | 276  | 153992   | 8.008  | ng    | 94       |

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

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