

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\  
 Data File : BF110758.D  
 Acq On : 14 Nov 2018 9:41  
 Operator : JU/SJ  
 Sample : J5908-27DL 10X  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SR-6-SDL

Manual Integrations  
 APPROVED

Sohil  
 11/14/2018 1:52:34 PM

Quant Time: Nov 14 10:12:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 70873    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.23  | 136  | 282076   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.98  | 164  | 105981   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.47 | 188  | 173540   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.13 | 240  | 161548   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.65 | 264  | 107156   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.56  | 112  | 44741    | 10.25  | ng    | 0.00     |
| 7) Phenol-d6                | 6.57  | 99   | 54706    | 9.80   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 31137    | 6.36   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.78 | 330  | 7833     | 7.34   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 52270    | 7.04   | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.06 | 244  | 45188    | 5.24   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 71) Phenanthrene            | 11.50 | 178  | 120497   | 12.960 | ng    | 99       |
| 72) Anthracene              | 11.56 | 178  | 46292    | 4.936  | ng    | 96       |
| 75) Fluoranthene            | 12.70 | 202  | 410188   | 44.006 | ng    | 98       |
| 78) Pyrene                  | 12.93 | 202  | 401268   | 32.259 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.12 | 228  | 225110   | 23.313 | ng    | 99       |
| 83) Chrysene                | 14.16 | 228  | 185163   | 20.128 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene  | 17.23 | 276  | 59404    | 8.999  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 15.20 | 252  | 191938m  | 29.941 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.23 | 252  | 50358m   | 7.950  | ng    |          |
| 90) Benzo(a)pyrene          | 15.59 | 252  | 119073   | 20.444 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 17.22 | 278  | 18839m   | 3.822  | ng    |          |
| 92) Benzo(a,h,i)perylene    | 17.70 | 276  | 54326    | 11.109 | ng    | 99       |

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

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