

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\  
 Data File : BF104504.D  
 Acq On : 14 Apr 2018 4:50  
 Operator : JU/SJ  
 Sample : J2163-01DL 50X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PL-01-041118-ADL

Manual Integrations  
 APPROVED

Sohil  
 4/16/2018 3:10:46 PM

Quant Time: Apr 14 05:52:47 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 13 17:38:31 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 119890   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 479524   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 198526   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.34 | 188  | 294947   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 230243   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.44 | 264  | 168161   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 5) 2-Fluorophenol           | 5.42  | 112  | 15991    | 2.04 | ng    | 0.00     |
| 7) Phenol-d6                | 6.44  | 99   | 20358    | 2.11 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 10757    | 1.46 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 3073     | 1.49 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 23771    | 1.89 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.92 | 244  | 18022    | 1.78 | ng    | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 37) 2-Methylnaphthalene    | 8.80  | 142  | 51641    | 3.343  | ng    | 99     |
| 51) Acenaphthene           | 9.88  | 154  | 70773    | 5.612  | ng    | 98     |
| 54) Dibenzofuran           | 10.05 | 168  | 39857    | 2.268  | ng    | # 94   |
| 57) Fluorene               | 10.40 | 166  | 134560   | 10.519 | ng    | 99     |
| 70) Phenanthrene           | 11.36 | 178  | 675977   | 41.154 | ng    | 98     |
| 71) Anthracene             | 11.41 | 178  | 220372   | 13.199 | ng    | 98     |
| 74) Fluoranthene           | 12.55 | 202  | 484395   | 28.226 | ng    | 99     |
| 77) Pyrene                 | 12.79 | 202  | 572282   | 33.533 | ng    | 98     |
| 80) Benzo(a)anthracene     | 13.97 | 228  | 246339   | 17.909 | ng    | 99     |
| 82) Chrysene               | 14.01 | 228  | 251031   | 17.768 | ng    | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 16.89 | 276  | 50862    | 4.238  | ng    | 95     |
| 87) Benzo(b)fluoranthene   | 15.02 | 252  | 160639m  | 15.125 | ng    |        |
| 88) Benzo(k)fluoranthene   | 15.04 | 252  | 52720m   | 5.258  | ng    |        |
| 89) Benzo(a)pyrene         | 15.39 | 252  | 125987   | 13.258 | ng    | 99     |
| 91) Benzo(a,h,i)perylene   | 17.33 | 276  | 59588    | 7.880  | ng    | 96     |

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

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