

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\  
 Data File : BE095706.D  
 Acq On : 6 Mar 2018 20:23  
 Operator : SJ/JU  
 Sample : J1811-02 20X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 T-2\_030518

Manual Integrations  
 APPROVED

Sohil  
 3/7/2018 12:20:14 PM

Quant Time: Mar 07 01:52:35 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.43  | 152  | 1400     | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8           | 11.27 | 136  | 5695     | 0.40  | ng    | 0.00        |
| 13) Acenaphthene-d10        | 15.00 | 164  | 3340     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10        | 17.71 | 188  | 7672     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12            | 21.80 | 240  | 7769     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12            | 24.43 | 264  | 7315     | 0.40  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |       |       |             |
| 4) 2-Fluorophenol           | 5.92  | 112  | 39       | 0.01  | ng    | 0.00        |
| 5) Phenol-d6                | 7.56  | 99   | 51       | 0.01  | ng    | 0.00        |
| 8) Nitrobenzene-d5          | 9.61  | 82   | 67       | 0.01  | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152  | 111      | 0.01  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol    | 16.48 | 330  | 11       | 0.12  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl        | 13.64 | 172  | 162      | 0.01  | ng    | 0.00        |
| 25) Fluoranthene-d10        | 19.68 | 212  | 843      | 0.01  | ng    | 0.00        |
| 29) Terphenyl-d14           | 20.24 | 244  | 147      | 0.01  | ng    | -0.01       |
| Target Compounds            |       |      |          |       |       |             |
| 12) 2-Methylnaphthalene     | 12.88 | 142  | 426      | 0.038 | ng    | Qvalue # 89 |
| 23) Phenanthrene            | 17.75 | 178  | 7069     | 0.295 | ng    | 99          |
| 24) Anthracene              | 17.83 | 178  | 995      | 0.045 | ng    | 93          |
| 26) Fluoranthene            | 19.72 | 202  | 8470     | 0.287 | ng    | 97          |
| 28) Pyrene                  | 20.07 | 202  | 16069    | 0.506 | ng    | 98          |
| 30) Benzo(a)anthracene      | 21.78 | 228  | 5378     | 0.212 | ng    | 97          |
| 31) Chrysene                | 21.84 | 228  | 5751     | 0.228 | ng    | 95          |
| 33) Indeno(1,2,3-cd)pyrene  | 27.22 | 276  | 2243     | 0.092 | ng    | # 91        |
| 35) Benzo(b)fluoranthene    | 23.61 | 252  | 5123     | 0.197 | ng    | # 91        |
| 36) Benzo(k)fluoranthene    | 23.66 | 252  | 1939m    | 0.075 | ng    |             |
| 37) Benzo(a)pyrene          | 24.31 | 252  | 3945     | 0.168 | ng    | # 91        |
| 38) Dibenzo(a,h)anthracene  | 27.23 | 278  | 665m     | 0.032 | ng    |             |
| 39) Benzo(a,h,i)perylene    | 28.10 | 276  | 2754     | 0.123 | ng    | # 91        |

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

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