

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\  
 Data File : BF107300.D  
 Acq On : 11 Jul 2018 15:18  
 Operator : JU/SJ  
 Sample : J3933-02 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-2-4

Manual Integrations  
 APPROVED

Sohil  
 7/12/2018 2:19:18 PM

Quant Time: Jul 12 03:28:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 58385    | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 8.21  | 136  | 220499   | 20.00  | ng    | -0.04    |
| 38) Acenaphthene-d10        | 9.98  | 164  | 98883    | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 11.48 | 188  | 168940   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 14.15 | 240  | 170641   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.69 | 264  | 153306   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.57  | 112  | 70007    | 20.30  | ng    | -0.03    |
| 7) Phenol-d6                | 6.58  | 99   | 88316    | 20.51  | ng    | -0.04    |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 52701    | 13.28  | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 10.78 | 330  | 19322    | 16.86  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.29  | 172  | 105618   | 4.03   | ng    | -0.03    |
| 78) Terphenyl-d14           | 13.06 | 244  | 105804   | 15.02  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.24  | 128  | 33478    | 3.247  | ng    | 97       |
| 37) 2-Methylnaphthalene     | 8.93  | 142  | 23521    | 3.442  | ng    | 98       |
| 48) Acenaphthylene          | 9.84  | 152  | 22072    | 2.254  | ng    | 97       |
| 49) Dimethylphthalate       | 9.68  | 163  | 16797    | 2.265  | ng    | # 97     |
| 51) Acenaphthene            | 10.01 | 154  | 32662    | 5.296  | ng    | 99       |
| 57) Fluorene                | 10.53 | 166  | 33722    | 5.032  | ng    | 99       |
| 70) Phenanthrene            | 11.51 | 178  | 674626   | 82.793 | ng    | 99       |
| 71) Anthracene              | 11.55 | 178  | 116579   | 14.017 | ng    | 99       |
| 72) Carbazole               | 11.71 | 167  | 29228    | 3.754  | ng    | 96       |
| 74) Fluoranthene            | 12.71 | 202  | 715495   | 79.667 | ng    | 96       |
| 77) Pyrene                  | 12.94 | 202  | 970117   | 86.213 | ng    | 97       |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 570389   | 54.845 | ng    | 96       |
| 82) Chrysene                | 14.17 | 228  | 626448m  | 65.473 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 17.29 | 276  | 187959m  | 23.149 | ng    |          |
| 87) Benzo(b)fluoranthene    | 15.24 | 252  | 549553m  | 57.706 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.27 | 252  | 172285m  | 18.997 | ng    |          |
| 89) Benzo(a)pyrene          | 15.64 | 252  | 409167m  | 48.331 | ng    |          |
| 90) Dibenzo(a,h)anthracene  | 17.29 | 278  | 67294    | 9.379  | ng    | # 91     |
| 91) Benzo(a,h,i)perylene    | 17.79 | 276  | 228942   | 32.646 | ng    | # 89     |

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

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