

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\  
 Data File : BF109674.D  
 Acq On : 9 Oct 2018 3:33  
 Operator : JU/SJ  
 Sample : J5263-02RE  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GRID11-COMP-100318RE

Manual Integrations  
 APPROVED

Sohil  
 10/9/2018 2:57:54 PM

Quant Time: Oct 09 05:33:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 98787    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 7.97  | 136  | 407081   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 9.72  | 164  | 165800   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.20 | 188  | 284246   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 13.83 | 240  | 233417   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 15.23 | 264  | 206999   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.32  | 112  | 163865   | 29.44  | ng    | 0.00           |
| 7) Phenol-d6                | 6.35  | 99   | 366343   | 49.27  | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 239537   | 32.44  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 136539   | 75.58  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 475934   | 39.53  | ng    | 0.00           |
| 78) Terphenyl-d14           | 12.78 | 244  | 483712   | 40.12  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 10) Phenol                  | 6.36  | 94   | 17154    | 2.012  | ng    | Qvalue<br># 80 |
| 31) Naphthalene             | 8.00  | 128  | 53790    | 2.857  | ng    | 98             |
| 49) Dimethylphthalate       | 9.45  | 163  | 74816    | 6.153  | ng    | 99             |
| 51) Acenaphthene            | 9.76  | 154  | 23384    | 2.438  | ng    | 98             |
| 54) Dibenzofuran            | 9.93  | 168  | 32441    | 2.257  | ng    | 95             |
| 57) Fluorene                | 10.27 | 166  | 38578    | 3.594  | ng    | 96             |
| 70) Phenanthrene            | 11.23 | 178  | 435495   | 30.615 | ng    | 100            |
| 71) Anthracene              | 11.28 | 178  | 119578   | 8.132  | ng    | 99             |
| 72) Carbazole               | 11.44 | 167  | 52636    | 3.691  | ng    | 98             |
| 74) Fluoranthene            | 12.41 | 202  | 568999   | 38.290 | ng    | 99             |
| 77) Pyrene                  | 12.63 | 202  | 486839   | 28.467 | ng    | 99             |
| 80) Benzo(a)anthracene      | 13.82 | 228  | 272354   | 21.144 | ng    | 97             |
| 82) Chrysene                | 13.85 | 228  | 234819   | 17.356 | ng    | 97             |
| 85) Indeno(1,2,3-cd)pyrene  | 16.57 | 276  | 95877    | 9.900  | ng    | 94             |
| 87) Benzo(b)fluoranthene    | 14.83 | 252  | 253325m  | 22.145 | ng    |                |
| 88) Benzo(k)fluoranthene    | 14.86 | 252  | 89003m   | 7.744  | ng    |                |
| 89) Benzo(a)pyrene          | 15.17 | 252  | 180940   | 17.430 | ng    | 100            |
| 90) Dibenzo(a,h)anthracene  | 16.57 | 278  | 25023m   | 2.935  | ng    |                |
| 91) Benzo(a,h,i)perylene    | 16.97 | 276  | 84110    | 9.880  | ng    | 99             |

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

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