

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\  
 Data File : BF109901.D  
 Acq On : 16 Oct 2018 13:27  
 Operator : JU/SJ  
 Sample : J5314-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 2

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DOCUMENTATION-18

Manual Integrations  
 APPROVED

Sohil  
 10/17/2018 5:02:26 PM

Quant Time: Oct 17 10:18:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 15 18:09:48 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.98  | 152  | 570460   | 40.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.27  | 136  | 2218325  | 40.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.03 | 164  | 1059552  | 40.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.52 | 188  | 1846670  | 40.00  | ng    | 0.01     |
| 76) Chrysene-d12            | 14.17 | 240  | 1254525  | 40.00  | ng    | 0.02     |
| 87) Perylene-d12            | 15.70 | 264  | 1387536  | 40.00  | ng    | 0.04     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 1524688  | 84.73  | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 1930106  | 86.38  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.55  | 82   | 1246032  | 75.68  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.82 | 330  | 360790   | 78.66  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.34  | 172  | 1801642  | 54.26  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.10 | 244  | 1433323  | 47.98  | ng    | 0.01     |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 8.29  | 128  | 303453   | 5.966  | ng    | 99       |
| 50) Dimethylphthalate       | 9.73  | 163  | 210268   | 5.605  | ng    | 100      |
| 52) Acenaphthene            | 10.06 | 154  | 296132   | 9.209  | ng    | 98       |
| 55) Dibenzofuran            | 10.23 | 168  | 180917   | 3.945  | ng    | 92       |
| 58) Fluorene                | 10.57 | 166  | 246668   | 7.389  | ng    | 98       |
| 71) Phenanthrene            | 11.55 | 178  | 2548109  | 53.306 | ng    | 96       |
| 72) Anthracene              | 11.59 | 178  | 769663   | 16.015 | ng    | 100      |
| 73) Carbazole               | 11.74 | 167  | 319038   | 6.755  | ng    | 99       |
| 75) Fluoranthene            | 12.74 | 202  | 3045633  | 63.779 | ng    | 95       |
| 78) Pyrene                  | 12.97 | 202  | 2129496  | 46.223 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.16 | 228  | 1503310  | 40.688 | ng    | 98       |
| 83) Chrysene                | 14.19 | 228  | 1277971  | 36.339 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 17.26 | 276  | 701798   | 24.785 | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 15.24 | 252  | 1532781m | 38.322 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.27 | 252  | 643109m  | 16.313 | ng    |          |
| 90) Benzo(a)pyrene          | 15.63 | 252  | 1269172  | 34.501 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 17.27 | 278  | 186615m  | 5.724  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.74 | 276  | 636881   | 19.335 | ng    | # 94     |

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

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