

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\  
 Data File : BF111170.D  
 Acq On : 7 Dec 2018 6:49  
 Operator : JU/SJ  
 Sample : J6168-08  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Manual Integrations  
 APPROVED

mohammad  
 12/10/2018 12:19:39 PM

Quant Time: Dec 07 08:11:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 05 17:30:55 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 433443   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 1572821  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.85  | 164  | 600594   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 951147   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.96 | 240  | 691985   | 20.00  | ng    | 0.01     |
| 87) Perylene-d12            | 15.40 | 264  | 512268   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.43  | 112  | 2635468  | 94.88  | ng    | 0.01     |
| 7) Phenol-d6                | 6.44  | 99   | 3336256  | 93.24  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 2012258  | 75.74  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330  | 474051   | 99.30  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 2363877  | 70.38  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 1748413  | 51.75  | ng    | 0.01     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.45  | 94   | 271484   | 6.959  | ng    | 92       |
| 50) Dimethylphthalate       | 9.56  | 163  | 467543   | 11.185 | ng    | 97       |
| 52) Acenaphthene            | 9.87  | 154  | 180497   | 5.116  | ng    | 96       |
| 55) Dibenzofuran            | 10.05 | 168  | 111476   | 2.294  | ng    | 97       |
| 58) Fluorene                | 10.39 | 166  | 190093   | 5.547  | ng    | 96       |
| 71) Phenanthrene            | 11.35 | 178  | 2518338  | 55.044 | ng    | 97       |
| 72) Anthracene              | 11.40 | 178  | 659367   | 14.297 | ng    | 95       |
| 73) Carbazole               | 11.55 | 167  | 276989   | 5.772  | ng    | 94       |
| 75) Fluoranthene            | 12.55 | 202  | 3471905  | 77.551 | ng    | 97       |
| 78) Pyrene                  | 12.77 | 202  | 3248599  | 60.259 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.96 | 228  | 1481765  | 36.548 | ng    | 100      |
| 83) Chrysene                | 13.99 | 228  | 1322836  | 32.866 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.82 | 276  | 530136   | 16.405 | ng    | # 93     |
| 88) Benzo(b)fluoranthene    | 14.99 | 252  | 1220768m | 42.056 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.02 | 252  | 454002m  | 16.179 | ng    |          |
| 90) Benzo(a)pyrene          | 15.34 | 252  | 876038   | 32.903 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 16.83 | 278  | 134623   | 6.025  | ng    | 95       |
| 92) Benzo(g,h,i)perylene    | 17.24 | 276  | 499539   | 22.248 | ng    | 95       |

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

