

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\  
 Data File : BF111393.D  
 Acq On : 14 Dec 2018 1:59  
 Operator : JU/SJ  
 Sample : J6208-17 2X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

Manual Integrations  
 APPROVED

Sohil  
 12/14/2018 12:53:57 PM

Quant Time: Dec 14 04:12:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 13:16:52 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 302328   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 1232894  | 20.00   | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.83  | 164  | 487527   | 20.00   | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.32 | 188  | 716049   | 20.00   | ng    | 0.00     |
| 76) Chrysene-d12            | 13.96 | 240  | 419036   | 20.00   | ng    | 0.00     |
| 87) Perylene-d12            | 15.39 | 264  | 395388   | 20.00   | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 887398   | 49.64   | ng    | 0.01     |
| 7) Phenol-d6                | 6.44  | 99   | 1202328  | 49.88   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 791733   | 36.20   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 185698   | 43.21   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 989303   | 32.58   | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.90 | 244  | 542046   | 28.47   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       |          |
| 10) Phenol                  | 6.45  | 94   | 87985    | 3.222   | ng    | 89       |
| 49) Acenaphthylene          | 9.69  | 152  | 179115   | 3.848   | ng    | 94       |
| 50) Dimethylphthalate       | 9.55  | 163  | 110081   | 3.140   | ng    | 98       |
| 52) Acenaphthene            | 9.86  | 154  | 229140   | 7.806   | ng    | 98       |
| 55) Dibenzofuran            | 10.03 | 168  | 194222   | 4.583   | ng    | 94       |
| 58) Fluorene                | 10.37 | 166  | 336233   | 11.091  | ng    | 99       |
| 71) Phenanthrene            | 11.35 | 178  | 3101297  | 83.794  | ng    | 98       |
| 72) Anthracene              | 11.39 | 178  | 1050543  | 27.876  | ng    | 95       |
| 73) Carbazole               | 11.55 | 167  | 208804   | 5.359   | ng    | 95       |
| 75) Fluoranthene            | 12.54 | 202  | 3993476  | 110.527 | ng    | 97       |
| 78) Pyrene                  | 12.77 | 202  | 3689149  | 114.074 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.95 | 228  | 1798507  | 76.710  | ng    | 99       |
| 83) Chrysene                | 13.99 | 228  | 1497720  | 62.612  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.81 | 276  | 636460m  | 34.019  | ng    |          |
| 88) Benzo(b)fluoranthene    | 14.99 | 252  | 1404679m | 62.477  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.01 | 252  | 540539m  | 24.086  | ng    |          |
| 90) Benzo(a)pyrene          | 15.34 | 252  | 1075408  | 51.371  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 16.82 | 278  | 174228m  | 10.003  | ng    |          |
| 92) Benzo(a,h,i)perylene    | 17.24 | 276  | 576739   | 33.121  | ng    | 96       |

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

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