

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\  
 Data File : BF110625.D  
 Acq On : 9 Nov 2018 14:08  
 Operator : JU/SJ  
 Sample : J5813-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-K

Manual Integrations  
 APPROVED

Sohil  
 11/12/2018 10:30:04 AM

Quant Time: Nov 09 17:19:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 09 15:13:13 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 74985    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.23  | 136  | 282590   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.99  | 164  | 107463   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.48 | 188  | 175172   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.13 | 240  | 151092   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.66 | 264  | 104342   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.57  | 112  | 466455   | 101.04 | ng    | 0.00        |
| 7) Phenol-d6                | 6.57  | 99   | 587599   | 99.54  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 355941   | 72.54  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.78 | 330  | 82544    | 76.23  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 496435   | 65.98  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.06 | 244  | 399708   | 49.54  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.58  | 94   | 36822    | 5.379  | ng    | Qvalue # 74 |
| 50) Dimethylphthalate       | 9.69  | 163  | 94329    | 11.764 | ng    | 100         |
| 71) Phenanthrene            | 11.50 | 178  | 51316    | 5.468  | ng    | 98          |
| 75) Fluoranthene            | 12.70 | 202  | 110859   | 11.782 | ng    | 99          |
| 78) Pyrene                  | 12.93 | 202  | 85851    | 7.379  | ng    | 98          |
| 81) Benzo(a)anthracene      | 14.12 | 228  | 36098    | 3.997  | ng    | 96          |
| 83) Chrysene                | 14.16 | 228  | 41289    | 4.799  | ng    | 97          |
| 86) Indeno(1,2,3-cd)pyrene  | 17.23 | 276  | 16364    | 2.650  | ng    | # 89        |
| 88) Benzo(b)fluoranthene    | 15.20 | 252  | 40793m   | 6.535  | ng    |             |
| 89) Benzo(k)fluoranthene    | 15.23 | 252  | 13684m   | 2.219  | ng    |             |
| 90) Benzo(a)pyrene          | 15.59 | 252  | 23644    | 4.169  | ng    | # 90        |
| 92) Benzo(a,h,i)perylene    | 17.71 | 276  | 15566    | 3.269  | ng    | 95          |

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

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