

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
 Data File : BF112215.D  
 Acq On : 24 Jan 2019 18:10  
 Operator : JU/SJ  
 Sample : K1223-03 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-O

Manual Integrations  
 APPROVED

Sohil  
 1/25/2019 10:05:14 AM

Quant Time: Jan 25 00:31:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 19 01:02:12 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 240150   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.14  | 136  | 930071   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.89  | 164  | 426637   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.38 | 188  | 685095   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.03 | 240  | 474614   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.50 | 264  | 357548   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 403953   | 30.53 | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 657849   | 39.74 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 398973   | 29.64 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 174374   | 37.89 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 720969   | 24.78 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 501170   | 22.46 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 9.60  | 163  | 62863    | 2.020 | ng    | 99       |
| 71) Phenanthrene            | 11.40 | 178  | 224480   | 6.511 | ng    | 97       |
| 75) Fluoranthene            | 12.60 | 202  | 312219   | 8.577 | ng    | 96       |
| 78) Pyrene                  | 12.83 | 202  | 257443   | 8.222 | ng    | 97       |
| 81) Benzo(a)anthracene      | 14.02 | 228  | 126644   | 4.654 | ng    | 99       |
| 83) Chrysene                | 14.05 | 228  | 102556   | 3.983 | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.07 | 252  | 117773m  | 5.803 | ng    |          |
| 90) Benzo(a)pyrene          | 15.44 | 252  | 69110    | 3.713 | ng    | # 87     |
| 92) Benzo(g,h,i)perylene    | 17.44 | 276  | 37036    | 2.274 | ng    | # 90     |

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

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