

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\  
 Data File : BF102653.D  
 Acq On : 30 Jan 2018 21:30  
 Operator : SJ/JU  
 Sample : J1019-13 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-03-012918-B

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 2:00:27 PM

Quant Time: Jan 31 09:34:55 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 27 20:48:40 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 156414   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 643561   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 275764   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 413342   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.88 | 240  | 295186   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.31 | 264  | 252859   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 275585   | 26.71 | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 335721   | 26.99 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 195932   | 17.50 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 50493    | 18.48 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 389901   | 20.79 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 259685   | 19.83 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 70) Phenanthrene            | 11.26 | 178  | 48779    | 2.025 | ng    | 98       |
| 74) Fluoranthene            | 12.45 | 202  | 114725   | 4.671 | ng    | 98       |
| 77) Pyrene                  | 12.68 | 202  | 110713   | 4.851 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.87 | 228  | 50666m   | 2.788 | ng    |          |
| 82) Chrysene                | 13.90 | 228  | 49273m   | 2.670 | ng    |          |
| 87) Benzo(b)fluoranthene    | 14.90 | 252  | 64568m   | 3.940 | ng    |          |
| 89) Benzo(a)pyrene          | 15.25 | 252  | 49524    | 3.350 | ng    | # 88     |

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