

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\  
 Data File : BF102124.D  
 Acq On : 16 Jan 2018 21:56  
 Operator : SJ/JU  
 Sample : J1014-01 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-011518

Manual Integrations  
 APPROVED

Sohil  
 1/17/2018 10:41:58 AM

Quant Time: Jan 17 03:20:30 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 11 12:53:54 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 140770   | 20.00 | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.00  | 136  | 544724   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.75  | 164  | 233698   | 20.00 | ng    | -0.01     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 347878   | 20.00 | ng    | -0.01     |
| 75) Chrysene-d12            | 13.86 | 240  | 244081   | 20.00 | ng    | -0.02     |
| 86) Perylene-d12            | 15.28 | 264  | 259588   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.32  | 112  | 54395    | 5.46  | ng    | -0.01     |
| 7) Phenol-d6                | 6.35  | 99   | 65726    | 5.53  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 40334    | 4.35  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 12035    | 5.90  | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 76725    | 5.13  | ng    | -0.02     |
| 78) Terphenyl-d14           | 12.82 | 244  | 47844    | 4.07  | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 74) Fluoranthene            | 12.44 | 202  | 66875    | 3.345 | ng    | Qvalue 95 |
| 77) Pyrene                  | 12.67 | 202  | 65238    | 3.024 | ng    | 98        |
| 80) Benzo(a)anthracene      | 13.86 | 228  | 35237    | 2.263 | ng    | 95        |
| 82) Chrysene                | 13.89 | 228  | 34076    | 2.098 | ng    | 94        |
| 87) Benzo(b)fluoranthene    | 14.87 | 252  | 46004m   | 2.718 | ng    |           |
| 89) Benzo(a)pyrene          | 15.22 | 252  | 33789    | 2.218 | ng    | # 96      |

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

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