

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
 Data File : BF102575.D  
 Acq On : 28 Jan 2018 23:18  
 Operator : SJ/JU  
 Sample : J1290-13  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-46-0-2.0

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 5:48:37 PM

Quant Time: Jan 29 05:49:08 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   | 6.72  | 152  | 191594   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 750594   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 287575   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 364137   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.88 | 240  | 296340   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.31 | 264  | 189442   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 1149519  | 90.97  | ng    | 0.01     |
| 7) Phenol-d6                | 6.37  | 99   | 1389584  | 91.22  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 841129   | 64.40  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 181448   | 63.68  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1037415  | 53.04  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 627667   | 47.75  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.37  | 94   | 45942    | 2.762  | ng    | 84       |
| 49) Dimethylphthalate       | 9.47  | 163  | 153847   | 6.472  | ng    | 99       |
| 70) Phenanthrene            | 11.26 | 178  | 154011   | 7.258  | ng    | 97       |
| 74) Fluoranthene            | 12.45 | 202  | 239465   | 11.067 | ng    | 96       |
| 77) Pyrene                  | 12.68 | 202  | 216901   | 9.467  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.87 | 228  | 103958m  | 5.698  | ng    |          |
| 82) Chrysene                | 13.90 | 228  | 101752m  | 5.492  | ng    |          |
| 87) Benzo(b)fluoranthene    | 14.90 | 252  | 80754m   | 6.577  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.92 | 252  | 30496m   | 2.629  | ng    |          |
| 89) Benzo(a)pyrene          | 15.25 | 252  | 53974    | 4.874  | ng    | # 90     |
| 91) Benzo(g,h,i)perylene    | 17.14 | 276  | 26509    | 2.993  | ng    | # 94     |

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