

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\  
 Data File : BF102672.D  
 Acq On : 31 Jan 2018 23:13  
 Operator : SJ/JU  
 Sample : J1383-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-A

Manual Integrations  
 APPROVED

Sohil  
 2/1/2018 12:14:26 PM

Quant Time: Feb 01 01:35:45 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 18:38:00 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 129352   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 477129   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 172313   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 277722   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 262097   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.30 | 264  | 176283   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 951808   | 111.57 | ng    | 0.03     |
| 7) Phenol-d6                | 6.37  | 99   | 1098097  | 106.77 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 645711   | 77.77  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 157456   | 92.22  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 882204   | 75.28  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 688925   | 59.26  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.39  | 94   | 49596    | 4.417  | ng    | 85       |
| 49) Dimethylphthalate       | 9.46  | 163  | 122726   | 8.617  | ng    | 100      |
| 70) Phenanthrene            | 11.26 | 178  | 125644   | 7.764  | ng    | 97       |
| 74) Fluoranthene            | 12.44 | 202  | 168866   | 10.232 | ng    | 100      |
| 77) Pyrene                  | 12.67 | 202  | 170499   | 8.414  | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.86 | 228  | 75576    | 4.684  | ng    | 97       |
| 82) Chrysene                | 13.90 | 228  | 75324    | 4.597  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 14.90 | 252  | 67772m   | 5.931  | ng    |          |
| 89) Benzo(a)pyrene          | 15.24 | 252  | 40699    | 3.950  | ng    | # 80     |
| 91) Benzo(g,h,i)perylene    | 17.13 | 276  | 20343    | 2.468  | ng    | # 77     |

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