

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\  
 Data File : BF097724.D  
 Acq On : 16 Aug 2017 7:19  
 Operator : SJ/JU  
 Sample : I4751-14 5X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-26-COMP

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:46:04 PM

Quant Time: Aug 16 08:23:16 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 15 13:25:08 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 133944   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 508656   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.82  | 164  | 203571   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 300781   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.94 | 240  | 282672   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.37 | 264  | 221657   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 177945   | 20.21  | ng    | 0.00     |
| 7) Phenol-d6                | 6.40  | 99   | 258847   | 21.63  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.34  | 82   | 145669   | 15.56  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 22245    | 12.59  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 203219   | 14.67  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.89 | 244  | 113286   | 8.36   | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 48) Acenaphthylene          | 9.68  | 152  | 180072   | 8.360  | ng    | 98       |
| 49) Dimethylphthalate       | 9.54  | 163  | 30983    | 2.082  | ng    | 96       |
| 74) Fluoranthene            | 12.51 | 202  | 63883    | 3.819  | ng    | 97       |
| 77) Pyrene                  | 12.74 | 202  | 101823   | 4.404  | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.93 | 228  | 119744m  | 7.068  | ng    |          |
| 82) Chrysene                | 13.96 | 228  | 140244m  | 8.322  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.77 | 276  | 104113   | 8.398  | ng    | # 91     |
| 87) Benzo(b)fluoranthene    | 14.96 | 252  | 260719m  | 18.660 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.99 | 252  | 66125m   | 5.038  | ng    |          |
| 89) Benzo(a)pyrene          | 15.31 | 252  | 123110   | 9.953  | ng    | 100      |
| 90) Dibenzo(a,h)anthracene  | 16.78 | 278  | 29647    | 2.944  | ng    | 95       |
| 91) Benzo(a,h,i)perylene    | 17.19 | 276  | 117694   | 11.202 | ng    | # 93     |

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

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