

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\  
 Data File : BF097876.D  
 Acq On : 19 Aug 2017 14:03  
 Operator : SJ/JU  
 Sample : I4852-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-242

Manual Integrations  
 APPROVED

Sohil  
 8/21/2017 5:19:47 PM

Quant Time: Aug 21 04:12:32 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   | 6.76  | 152  | 165017   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.05  | 136  | 705624   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.79  | 164  | 327116   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 11.27 | 188  | 590487   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 13.90 | 240  | 342641   | 20.00  | ng    | -0.04    |
| 86) Perylene-d12            | 15.33 | 264  | 311114   | 20.00  | ng    | -0.04    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 958619   | 88.36  | ng    | -0.02    |
| 7) Phenol-d6                | 6.40  | 99   | 1392479  | 94.47  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 898424   | 69.17  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.58 | 330  | 281567   | 99.20  | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 1319073  | 59.24  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.86 | 244  | 945193   | 57.53  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.52  | 163  | 302329   | 12.644 | ng    | 98       |
| 70) Phenanthrene            | 11.30 | 178  | 258981   | 8.231  | ng    | 98       |
| 71) Anthracene              | 11.35 | 178  | 71742    | 2.248  | ng    | 99       |
| 74) Fluoranthene            | 12.48 | 202  | 327830   | 9.982  | ng    | 98       |
| 77) Pyrene                  | 12.71 | 202  | 282254   | 10.072 | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.89 | 228  | 119697   | 5.829  | ng    | 98       |
| 82) Chrysene                | 13.93 | 228  | 104475   | 5.114  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.70 | 276  | 57063    | 3.797  | ng    | # 91     |
| 87) Benzo(b)fluoranthene    | 14.92 | 252  | 128643m  | 6.560  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.94 | 252  | 50079m   | 2.718  | ng    |          |
| 89) Benzo(a)pyrene          | 15.26 | 252  | 97236    | 5.601  | ng    | 99       |
| 91) Benzo(a,h,i)perylene    | 17.12 | 276  | 53422    | 3.622  | ng    | 96       |

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

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