

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\  
 Data File : BF103338.D  
 Acq On : 1 Mar 2018 15:56  
 Operator : SJ/JU  
 Sample : J1720-13  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-49

Manual Integrations  
 APPROVED

Sohil  
 3/2/2018 3:30:40 PM

Quant Time: Mar 02 09:50:16 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 17:05:20 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.87  | 152  | 150488   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.16  | 136  | 563089   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.92  | 164  | 197862   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.41 | 188  | 296140   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 14.06 | 240  | 201262   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.57 | 264  | 138960   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.50  | 112  | 1104223  | 110.98 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.52  | 99   | 1272540  | 104.52 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.45  | 82   | 823604   | 83.53  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.72 | 330  | 155525   | 92.86  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.23  | 172  | 1019874  | 90.03  | ng    | 0.00     |
| 78) Terphenyl-d14              | 13.00 | 244  | 711767   | 85.01  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 49) Dimethylphthalate          | 9.63  | 163  | 131806   | 8.304  | ng    | 98       |
| 70) Phenanthrene               | 11.43 | 178  | 161597   | 9.915  | ng    | 98       |
| 71) Anthracene                 | 11.49 | 178  | 56111    | 3.358  | ng    | 97       |
| 74) Fluoranthene               | 12.63 | 202  | 335631   | 20.494 | ng    | 98       |
| 77) Pyrene                     | 12.86 | 202  | 338930   | 21.599 | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.05 | 228  | 154865   | 11.859 | ng    | 97       |
| 82) Chrysene                   | 14.09 | 228  | 140227   | 11.059 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 87739    | 7.842  | ng    | # 99     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.10 | 276  | 53831    | 5.363  | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.13 | 252  | 136418m  | 14.931 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.15 | 252  | 46100m   | 5.358  | ng    |          |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 90751    | 11.123 | ng    | # 83     |
| 90) Dibenzo(a,h)anthracene     | 17.11 | 278  | 15098    | 2.395  | ng    | # 57     |
| 91) Benzo(a,h,i)perylene       | 17.57 | 276  | 54113    | 8.782  | ng    | # 88     |

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

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