

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\  
 Data File : BF103429.D  
 Acq On : 6 Mar 2018 00:27  
 Operator : SJ/JU  
 Sample : J1723-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-23

Manual Integrations  
 APPROVED

Sohil  
 3/6/2018 4:23:49 PM

Quant Time: Mar 06 01:33:41 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 05 13:40:47 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 125364   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.16  | 136  | 507843   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.92  | 164  | 204577   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.41 | 188  | 302477   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.06 | 240  | 192590   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.57 | 264  | 139274   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 627879   | 75.75  | ng    | 0.00     |
| 7) Phenol-d6                | 6.51  | 99   | 790282   | 77.92  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 448291   | 50.41  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.71 | 330  | 89653    | 51.77  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 676803   | 51.69  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.99 | 244  | 469269   | 58.57  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.62  | 163  | 40953    | 2.495  | ng    | 99       |
| 70) Phenanthrene            | 11.43 | 178  | 112114   | 6.735  | ng    | 98       |
| 71) Anthracene              | 11.49 | 178  | 36229    | 2.122  | ng    | 95       |
| 74) Fluoranthene            | 12.63 | 202  | 204450   | 12.222 | ng    | 98       |
| 77) Pyrene                  | 12.86 | 202  | 206120   | 13.727 | ng    | 100      |
| 80) Benzo(a)anthracene      | 14.05 | 228  | 85640    | 6.853  | ng    | 99       |
| 82) Chrysene                | 14.09 | 228  | 83121    | 6.851  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.13 | 276  | 31086    | 3.236  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 15.13 | 252  | 83715m   | 9.142  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.16 | 252  | 24073m   | 2.792  | ng    |          |
| 89) Benzo(a)pyrene          | 15.52 | 252  | 55280    | 6.760  | ng    | # 89     |
| 91) Benzo(a,h,i)perylene    | 17.60 | 276  | 30618    | 4.958  | ng    | # 82     |

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

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