

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\  
 Data File : BF103381.D  
 Acq On : 2 Mar 2018 22:22  
 Operator : SJ/JU  
 Sample : J1721-15  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-40

Manual Integrations  
 APPROVED

Sohil  
 3/5/2018 3:13:52 PM

Quant Time: Mar 02 23:21:55 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 02 13:28:09 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 146112   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.16  | 136  | 598255   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.92  | 164  | 217623   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.41 | 188  | 294647   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.07 | 240  | 221214   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.58 | 264  | 160299   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 979107   | 101.35 | ng    | 0.00     |
| 7) Phenol-d6                | 6.52  | 99   | 1154145  | 97.63  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 755392   | 72.11  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.72 | 330  | 142355   | 77.28  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 990857   | 76.59  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.00 | 244  | 605757   | 65.83  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.18  | 128  | 79852    | 2.726  | ng    | 98       |
| 48) Acenaphthylene          | 9.78  | 152  | 63870    | 2.877  | ng    | 99       |
| 49) Dimethylphthalate       | 9.63  | 163  | 90509    | 5.184  | ng    | 99       |
| 51) Acenaphthene            | 9.95  | 154  | 57433    | 4.437  | ng    | 99       |
| 54) Dibenzofuran            | 10.12 | 168  | 43146    | 2.428  | ng    | 96       |
| 57) Fluorene                | 10.47 | 166  | 42253    | 2.792  | ng    | 98       |
| 70) Phenanthrene            | 11.43 | 178  | 247787   | 15.281 | ng    | 99       |
| 71) Anthracene              | 11.49 | 178  | 114690   | 6.897  | ng    | 98       |
| 74) Fluoranthene            | 12.63 | 202  | 462852   | 28.405 | ng    | 99       |
| 77) Pyrene                  | 12.86 | 202  | 518756   | 30.078 | ng    | 100      |
| 80) Benzo(a)anthracene      | 14.06 | 228  | 263611m  | 18.366 | ng    |          |
| 82) Chrysene                | 14.09 | 228  | 278409m  | 19.977 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 17.12 | 276  | 86691    | 7.857  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 15.13 | 252  | 240842m  | 22.851 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.16 | 252  | 80964m   | 8.158  | ng    |          |
| 89) Benzo(a)pyrene          | 15.52 | 252  | 176739   | 18.778 | ng    | # 91     |
| 90) Dibenzo(a,h)anthracene  | 17.12 | 278  | 23986    | 3.298  | ng    | # 71     |
| 91) Benzo(g,h,i)perylene    | 17.59 | 276  | 92255    | 12.979 | ng    | 93       |

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

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