

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\  
 Data File : BF103383.D  
 Acq On : 2 Mar 2018 23:14  
 Operator : SJ/JU  
 Sample : J1721-19  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-27

Manual Integrations  
 APPROVED

Sohil  
 3/5/2018 3:13:58 PM

Quant Time: Mar 03 00:24:02 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  | 144440   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.16  | 136  | 592311   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 9.92  | 164  | 232547   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 11.41 | 188  | 326521   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 14.07 | 240  | 219572   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.58 | 264  | 164117   | 20.00  | ng    | 0.01        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.50  | 112  | 1017288  | 106.52 | ng    | 0.00        |
| 7) Phenol-d6                | 6.52  | 99   | 1192399  | 102.04 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 751257   | 72.43  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.72 | 330  | 154112   | 78.29  | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 999429   | 71.20  | ng    | 0.00        |
| 78) Terphenyl-d14           | 13.00 | 244  | 617571   | 67.61  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.53  | 94   | 35610    | 2.625  | ng    | Qvalue # 74 |
| 49) Dimethylphthalate       | 9.63  | 163  | 103816   | 5.565  | ng    | 98          |
| 51) Acenaphthene            | 9.95  | 154  | 29946    | 2.165  | ng    | 97          |
| 57) Fluorene                | 10.47 | 166  | 40829    | 2.524  | ng    | 98          |
| 70) Phenanthrene            | 11.43 | 178  | 388033   | 21.594 | ng    | 99          |
| 71) Anthracene              | 11.49 | 178  | 118299   | 6.420  | ng    | 99          |
| 72) Carbazole               | 11.65 | 167  | 43513    | 2.371  | ng    | 97          |
| 74) Fluoranthene            | 12.63 | 202  | 489028   | 27.082 | ng    | 99          |
| 77) Pyrene                  | 12.86 | 202  | 440491   | 25.731 | ng    | 99          |
| 80) Benzo(a)anthracene      | 14.06 | 228  | 209088m  | 14.676 | ng    |             |
| 82) Chrysene                | 14.09 | 228  | 192851m  | 13.941 | ng    |             |
| 85) Indeno(1,2,3-cd)pyrene  | 17.12 | 276  | 59663    | 5.448  | ng    | 99          |
| 87) Benzo(b)fluoranthene    | 15.13 | 252  | 181028m  | 16.777 | ng    |             |
| 88) Benzo(k)fluoranthene    | 15.16 | 252  | 64584m   | 6.356  | ng    |             |
| 89) Benzo(a)pyrene          | 15.52 | 252  | 126811   | 13.160 | ng    | # 94        |
| 90) Dibenzo(a,h)anthracene  | 17.12 | 278  | 15890    | 2.134  | ng    | # 61        |
| 91) Benzo(a,h,i)perylene    | 17.59 | 276  | 61881    | 8.504  | ng    | # 91        |

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

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