

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\  
 Data File : BF107852.D  
 Acq On : 31 Jul 2018 16:33  
 Operator : JU/SJ  
 Sample : J4231-09 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-14-5

Manual Integrations  
 APPROVED

Sohil  
 8/1/2018 3:57:00 PM

Quant Time: Jul 31 17:36:59 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 30 17:48:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.96  | 152  | 136015   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.24  | 136  | 649188   | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.00 | 164  | 249536   | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.51 | 188  | 357476   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12               | 14.16 | 240  | 311858   | 20.00   | ng    | 0.00     |
| 86) Perylene-d12               | 15.70 | 264  | 504883   | 20.00   | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.64  | 112  | 69219m   | 8.65    | ng    | 0.04     |
| 7) Phenol-d6                   | 6.64  | 99   | 115508m  | 10.95   | ng    | 0.03     |
| 23) Nitrobenzene-d5            | 7.55  | 82   | 56819    | 5.04    | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol       | 10.80 | 330  | 27458    | 8.10    | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.31  | 172  | 160245   | 8.95    | ng    | 0.00     |
| 78) Terphenyl-d14              | 13.08 | 244  | 137713   | 9.58    | ng    | 0.00     |
| Target Compounds               |       |      |          |         |       | Qvalue   |
| 31) Naphthalene                | 8.27  | 128  | 214543   | 7.109   | ng    | 98       |
| 37) 2-Methylnaphthalene        | 8.96  | 142  | 60499    | 3.192   | ng    | 93       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 552795   | 24.342  | ng    | 97       |
| 48) Acenaphthylene             | 9.87  | 152  | 410040   | 15.445  | ng    | 98       |
| 51) Acenaphthene               | 10.04 | 154  | 1836661  | 119.093 | ng    | 98       |
| 54) Dibenzofuran               | 10.21 | 168  | 238693   | 10.014  | ng    | 97       |
| 57) Fluorene                   | 10.56 | 166  | 1403764  | 75.776  | ng    | 95       |
| 70) Phenanthrene               | 11.55 | 178  | 5535808  | 326.133 | ng    | 93       |
| 71) Anthracene                 | 11.60 | 178  | 3410590  | 174.202 | ng    | 95       |
| 72) Carbazole                  | 11.75 | 167  | 53609    | 2.771   | ng    | # 79     |
| 74) Fluoranthene               | 12.74 | 202  | 4224858  | 211.866 | ng    | 95       |
| 77) Pvrene                     | 12.98 | 202  | 5110071m | 227.556 | ng    |          |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 2391549  | 135.378 | ng    | # 68     |
| 82) Chrysene                   | 14.19 | 228  | 2080885  | 109.209 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 46556    | 3.766   | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 1509197  | 104.132 | ng    | # 89     |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 2247743m | 90.268  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 1045675m | 34.204  | ng    |          |
| 89) Benzo(a)pvrene             | 15.65 | 252  | 2773891  | 107.907 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 286844m  | 12.792  | ng    |          |
| 91) Benzo(g,h,i)perylene       | 17.78 | 276  | 1599588  | 73.725  | ng    | 93       |

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

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