

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\  
 Data File : BF107856.D  
 Acq On : 31 Jul 2018 18:20  
 Operator : JU/SJ  
 Sample : J4231-13  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-14-7

Manual Integrations  
 APPROVED

Sohil  
 8/1/2018 3:57:10 PM

Quant Time: Jul 31 19:25:45 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  | 148292   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.24  | 136  | 571307   | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.00 | 164  | 219976   | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.50 | 188  | 343473   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12               | 14.15 | 240  | 342150   | 20.00   | ng    | 0.00     |
| 86) Perylene-d12               | 15.69 | 264  | 464167   | 20.00   | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.60  | 112  | 960129   | 110.04  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.60  | 99   | 1202883  | 104.60  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.52  | 82   | 763494   | 76.99   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.79 | 330  | 248641   | 83.18   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.31  | 172  | 1280810  | 81.14   | ng    | 0.00     |
| 78) Terphenyl-d14              | 13.08 | 244  | 1015136  | 64.34   | ng    | 0.00     |
| Target Compounds               |       |      |          |         |       |          |
| 31) Naphthalene                | 8.27  | 128  | 1908304  | 71.858  | ng    | 98       |
| 37) 2-Methylnaphthalene        | 8.95  | 142  | 775851   | 46.509  | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 391325   | 19.548  | ng    | 98       |
| 48) Acenaphthylene             | 9.86  | 152  | 231512   | 9.892   | ng    | # 97     |
| 49) Dimethylphthalate          | 9.71  | 163  | 121173   | 7.335   | ng    | 100      |
| 51) Acenaphthene               | 10.04 | 154  | 1202272  | 88.433  | ng    | 98       |
| 54) Dibenzofuran               | 10.21 | 168  | 128003   | 6.092   | ng    | 99       |
| 57) Fluorene                   | 10.55 | 166  | 712573   | 43.634  | ng    | 95       |
| 70) Phenanthrene               | 11.53 | 178  | 3007927  | 184.432 | ng    | 96       |
| 71) Anthracene                 | 11.58 | 178  | 969582   | 51.542  | ng    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 73593    | 3.959   | ng    | 97       |
| 74) Fluoranthene               | 12.72 | 202  | 2538814  | 132.506 | ng    | 96       |
| 77) Pyrene                     | 12.96 | 202  | 2864823  | 116.278 | ng    | 97       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 1304844m | 67.324  | ng    |          |
| 82) Chrysene                   | 14.18 | 228  | 1228477m | 58.765  | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 207054   | 15.266  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 664366m  | 41.782  | ng    |          |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 1424920m | 62.244  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 603415m  | 21.469  | ng    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 1388182  | 58.739  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 128893m  | 6.252   | ng    |          |
| 91) Benzo(g,h,i)perylene       | 17.76 | 276  | 625665   | 31.366  | ng    | 94       |

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

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