

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\  
 Data File : BF115616.D  
 Acq On : 16 Jul 2019 23:44  
 Operator : HP/JU  
 Sample : K3740-04 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-23

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 2:26:36 PM

Quant Time: Jul 17 06:41:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 164974   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.17  | 136  | 624391   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.92  | 164  | 248780   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.41 | 188  | 454589   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.06 | 240  | 325512   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.53 | 264  | 276074   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 482346   | 47.82  | ng    | 0.00     |
| 7) Phenol-d6                | 6.51  | 99   | 641540   | 50.13  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 362018   | 33.71  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 101537   | 34.97  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 725765   | 51.06  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.99 | 244  | 663484   | 37.61  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 50) Dimethylphthalate       | 9.63  | 163  | 160452   | 8.572  | ng    | 97       |
| 52) Acenaphthene            | 9.96  | 154  | 66385    | 4.285  | ng    | 99       |
| 58) Fluorene                | 10.47 | 166  | 68351    | 4.346  | ng    | 100      |
| 71) Phenanthrene            | 11.44 | 178  | 729113   | 31.290 | ng    | 96       |
| 72) Anthracene              | 11.49 | 178  | 224883   | 9.338  | ng    | 97       |
| 73) Carbazole               | 11.63 | 167  | 78539    | 3.719  | ng    | 97       |
| 75) Fluoranthene            | 12.63 | 202  | 1184265  | 48.094 | ng    | 99       |
| 78) Pyrene                  | 12.86 | 202  | 1068903  | 38.758 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.04 | 228  | 561516   | 26.184 | ng    | 98       |
| 83) Chrysene                | 14.08 | 228  | 470760   | 21.868 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene  | 17.02 | 276  | 190141   | 10.396 | ng    | 94       |
| 88) Benzo(b)fluoranthene    | 15.10 | 252  | 553811m  | 31.153 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.13 | 252  | 151040m  | 9.530  | ng    |          |
| 90) Benzo(a)pyrene          | 15.47 | 252  | 342511   | 22.417 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 17.03 | 278  | 48720    | 3.632  | ng    | # 79     |
| 92) Benzo(g,h,i)perylene    | 17.47 | 276  | 180180   | 13.469 | ng    | 98       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\  
Data File : BF115616.D  
Acq On : 16 Jul 2019 23:44  
Operator : HP/JU  
Sample : K3740-04 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-23

Manual Integrations  
APPROVED

mohammad  
7/19/2019 2:26:36 PM

Quant Time: Jul 17 06:41:59 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 14:03:52 2019  
Response via : Initial Calibration

