

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\  
 Data File : BF117650.D  
 Acq On : 31 Oct 2019 9:09  
 Operator : JU  
 Sample : K5540-03DL 5X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 155-40-(0-1.1)DL

Manual Integrations  
 APPROVED

mohammad  
 10/31/2019 3:11:29 PM

Quant Time: Oct 31 09:40:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 18:53:31 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 27067    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.02  | 136  | 113510   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 54547    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.25 | 188  | 86270    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.90 | 240  | 70794    | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.33 | 264  | 58695    | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.39  | 112  | 15629    | 8.59   | ng    | 0.04     |
| 7) Phenol-d6                | 6.42  | 99   | 37777    | 15.46  | ng    | 0.04     |
| 23) Nitrobenzene-d5         | 7.32  | 82   | 23436    | 10.19  | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol    | 10.57 | 330  | 5943     | 12.59  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 37983    | 9.81   | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.83 | 244  | 28542    | 6.58   | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 58) Fluorene                | 10.32 | 166  | 7392     | 2.011  | ng    | 96       |
| 71) Phenanthrene            | 11.27 | 178  | 134520   | 26.854 | ng    | 98       |
| 72) Anthracene              | 11.33 | 178  | 34448    | 6.702  | ng    | 97       |
| 75) Fluoranthene            | 12.47 | 202  | 164724   | 32.848 | ng    | 98       |
| 78) Pyrene                  | 12.70 | 202  | 147006   | 24.175 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.89 | 228  | 66174    | 13.857 | ng    | 99       |
| 83) Chrysene                | 13.92 | 228  | 55131    | 11.780 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.77 | 276  | 14216    | 4.068  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 14.93 | 252  | 52547m   | 15.161 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.95 | 252  | 15459m   | 4.352  | ng    |          |
| 90) Benzo(a)pyrene          | 15.28 | 252  | 33709    | 10.697 | ng    | 94       |
| 92) Benzo(a,h,i)perylene    | 17.20 | 276  | 12491    | 4.845  | ng    | 93       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\  
Data File : BF117650.D  
Acq On : 31 Oct 2019 9:09  
Operator : JU  
Sample : K5540-03DL 5X  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
155-40-(0-1.1)DL

Manual Integrations  
APPROVED

mohammad  
10/31/2019 3:11:29 PM

Quant Time: Oct 31 09:40:20 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 18:53:31 2019  
Response via : Initial Calibration

