

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\  
 Data File : BF113106.D  
 Acq On : 18 Mar 2019 22:28  
 Operator : JU/SJ  
 Sample : K1697-09 10X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-01-031519-A

Manual Integrations  
 APPROVED

Sohil  
 3/19/2019 5:09:57 PM

Quant Time: Mar 19 06:35:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 128947   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.01  | 136  | 488163   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 234939   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.24 | 188  | 438831   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.87 | 240  | 407649   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.28 | 264  | 276932   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 81400    | 9.82  | ng    | 0.00     |
| 7) Phenol-d6                | 6.37  | 99   | 113005   | 10.85 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 59356    | 7.28  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 30740    | 12.32 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 134224   | 6.31  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.82 | 244  | 157042   | 7.47  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 71) Phenanthrene            | 11.26 | 178  | 61482    | 2.816 | ng    | 96       |
| 75) Fluoranthene            | 12.45 | 202  | 174467   | 7.458 | ng    | 95       |
| 78) Pyrene                  | 12.67 | 202  | 171018   | 4.976 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.86 | 228  | 87048    | 3.081 | ng    | 97       |
| 83) Chrysene                | 13.89 | 228  | 79395    | 2.869 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 14.88 | 252  | 74662m   | 4.168 | ng    |          |
| 90) Benzo(a)pyrene          | 15.22 | 252  | 52864    | 3.337 | ng    | # 90     |
| 92) Benzo(g,h,i)perylene    | 17.06 | 276  | 30515    | 2.248 | ng    | # 91     |

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

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