

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\  
 Data File : BF112505.D  
 Acq On : 12 Feb 2019 11:54  
 Operator : JU/SJ  
 Sample : K1442-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

Manual Integrations  
 APPROVED

Sohil  
 2/13/2019 11:12:05 AM

Quant Time: Feb 13 08:28:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 28 10:38:18 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 105399   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.12  | 136  | 370677   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.87  | 164  | 154792   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.36 | 188  | 276268   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 14.01 | 240  | 246817   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.49 | 264  | 172983   | 20.00  | ng    | 0.01      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.47  | 112  | 530204   | 106.85 | ng    | -0.01     |
| 7) Phenol-d6                | 6.49  | 99   | 629352   | 91.27  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 382206   | 59.41  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 151673   | 84.18  | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 644546   | 58.89  | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.94 | 244  | 610306   | 46.57  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.58  | 163  | 52730    | 4.384  | ng    | Qvalue 97 |
| 71) Phenanthrene            | 11.38 | 178  | 83253    | 5.796  | ng    | 98        |
| 72) Anthracene              | 11.44 | 178  | 33889    | 2.369  | ng    | 96        |
| 75) Fluoranthene            | 12.57 | 202  | 285214   | 18.514 | ng    | 97        |
| 78) Pyrene                  | 12.80 | 202  | 280600   | 16.421 | ng    | 98        |
| 81) Benzo(a)anthracene      | 14.00 | 228  | 144029   | 9.927  | ng    | 98        |
| 83) Chrysene                | 14.03 | 228  | 121545   | 8.776  | ng    | 99        |
| 86) Indeno(1,2,3-cd)pyrene  | 16.98 | 276  | 57807    | 5.267  | ng    | # 92      |
| 88) Benzo(b)fluoranthene    | 15.06 | 252  | 151168m  | 14.612 | ng    |           |
| 89) Benzo(k)fluoranthene    | 15.08 | 252  | 39768m   | 4.013  | ng    |           |
| 90) Benzo(a)pyrene          | 15.43 | 252  | 98121    | 10.541 | ng    | # 92      |
| 92) Benzo(a,h,i)perylene    | 17.44 | 276  | 55615    | 7.858  | ng    | 94        |

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

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