

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\  
 Data File : BF112329.D  
 Acq On : 30 Jan 2019 18:43  
 Operator : JU/SJ  
 Sample : K1282-05 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Manual Integrations  
 APPROVED

mohammad  
 2/1/2019 12:06:39 AM

Quant Time: Jan 31 00:39:44 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   | 6.84  | 152  | 138295   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.12  | 136  | 524410   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.87  | 164  | 231505   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.36 | 188  | 399918   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.00 | 240  | 381881   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.47 | 264  | 398004   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 412186   | 63.31  | ng    | -0.01    |
| 7) Phenol-d6                | 6.48  | 99   | 497175   | 54.95  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 300122   | 32.98  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 131904   | 48.95  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 524137   | 32.02  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.94 | 244  | 473078   | 23.33  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 52) Acenaphthene            | 9.90  | 154  | 32815    | 2.388  | ng    | 98       |
| 58) Fluorene                | 10.42 | 166  | 40024    | 2.547  | ng    | 97       |
| 71) Phenanthrene            | 11.39 | 178  | 585363   | 28.154 | ng    | 97       |
| 72) Anthracene              | 11.43 | 178  | 127560   | 6.159  | ng    | 97       |
| 75) Fluoranthene            | 12.57 | 202  | 857747   | 38.464 | ng    | 99       |
| 78) Pyrene                  | 12.80 | 202  | 841537   | 31.829 | ng    | 98       |
| 81) Benzo(a)anthracene      | 13.99 | 228  | 490484   | 21.849 | ng    | 99       |
| 83) Chrysene                | 14.03 | 228  | 425453   | 19.854 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.94 | 276  | 190815   | 11.238 | ng    | # 92     |
| 88) Benzo(b)fluoranthene    | 15.04 | 252  | 527389m  | 22.157 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.07 | 252  | 141227m  | 6.194  | ng    |          |
| 90) Benzo(a)pyrene          | 15.41 | 252  | 359945   | 16.806 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 16.94 | 278  | 53133m   | 3.078  | ng    |          |
| 92) Benzo(a,h,i)perylene    | 17.39 | 276  | 173931   | 10.680 | ng    | 99       |

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

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