

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\  
 Data File : BF118440.D  
 Acq On : 2 Jan 2020 17:26  
 Operator : JU  
 Sample : K6441-06DL 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 K321-WC-01DL

Manual Integrations  
 APPROVED

mohammad  
 1/3/2020 11:04:14 AM

Quant Time: Jan 03 02:59:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 133036   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 539428   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.89  | 164  | 269348   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.39 | 188  | 440741   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.04 | 240  | 289642   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.53 | 264  | 298846   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 94266    | 12.10  | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 127422   | 13.18  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 68755    | 7.29   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 31245    | 9.39   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 161352   | 9.14   | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.97 | 244  | 150878   | 8.64   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 71) Phenanthrene            | 11.42 | 178  | 574533   | 23.912 | ng    | 99       |
| 72) Anthracene              | 11.47 | 178  | 122326   | 5.086  | ng    | 97       |
| 75) Fluoranthene            | 12.61 | 202  | 610580   | 25.180 | ng    | 98       |
| 78) Pyrene                  | 12.84 | 202  | 552577   | 23.362 | ng    | 99       |
| 81) Benzo(a)anthracene      | 14.03 | 228  | 257558   | 12.704 | ng    | 98       |
| 83) Chrysene                | 14.07 | 228  | 221197   | 11.394 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 17.04 | 276  | 95424    | 5.769  | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.10 | 252  | 274045m  | 13.815 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.12 | 252  | 73651m   | 3.867  | ng    |          |
| 90) Benzo(a)pyrene          | 15.47 | 252  | 186972   | 10.699 | ng    | 98       |
| 92) Benzo(g,h,i)perylene    | 17.50 | 276  | 88894    | 6.068  | ng    | 97       |

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

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