

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
 Data File : BP000871.D  
 Acq On : 18 Oct 2019 06:18  
 Operator : JU  
 Sample : K5394-04 2X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 T-15-E1-(0-20)

Manual Integrations  
 APPROVED

mohammad  
 10/20/2019 8:17:05 PM

Quant Time: Oct 18 08:54:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 08:05:41 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 170022   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.03  | 136  | 614662   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.80  | 164  | 336438   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.30 | 188  | 599465   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.98 | 240  | 506841   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.47 | 264  | 458398   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 279239   | 26.40  | ng    | 0.00     |
| 7) Phenol-d6                | 6.39  | 99   | 559645   | 43.91  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.31  | 82   | 300899   | 29.90  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.60 | 330  | 26405    | 7.37   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.12  | 172  | 772553   | 37.15  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.90 | 244  | 883262   | 35.28  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 50) Dimethylphthalate       | 9.51  | 163  | 96653    | 4.134  | ng    | 98       |
| 71) Phenanthrene            | 11.32 | 178  | 271830   | 9.029  | ng    | 99       |
| 72) Anthracene              | 11.37 | 178  | 92691    | 3.105  | ng    | 99       |
| 75) Fluoranthene            | 12.53 | 202  | 725266   | 21.449 | ng    | 100      |
| 78) Pyrene                  | 12.76 | 202  | 635040   | 18.167 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.97 | 228  | 309269   | 10.001 | ng    | 95       |
| 83) Chrysene                | 14.00 | 228  | 245135   | 8.076  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.03 | 252  | 218352m  | 8.396  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.06 | 252  | 76492m   | 3.089  | ng    |          |
| 90) Benzo(a)pyrene          | 15.40 | 252  | 143410   | 5.916  | ng    | # 87     |
| 92) Benzo(g,h,i)perylene    | 17.39 | 276  | 61445    | 2.572  | ng    | 94       |

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

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