

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\  
 Data File : BF096196.D  
 Acq On : 24 Jun 2017 18:20  
 Operator : SJ/MA  
 Sample : I3851-04 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-30-1.5-3

Manual Integrations  
 APPROVED

mohammad  
 6/29/2017 3:45:06 PM

Quant Time: Jun 26 02:51:52 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 16:05:47 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 61374    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8          | 9.30  | 136  | 243426   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10        | 12.12 | 164  | 98369    | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10        | 14.52 | 188  | 163275   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 18.26 | 240  | 138892   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12            | 19.93 | 264  | 99163    | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.21  | 112  | 26937    | 6.99  | ng    | 0.03     |
| 7) Phenol-d6                | 6.91  | 99   | 59538    | 12.91 | ng    | 0.04     |
| 23) Nitrobenzene-d5         | 8.22  | 82   | 35846    | 9.15  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 13.44 | 330  | 10856    | 12.47 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 11.07 | 172  | 82421    | 11.66 | ng    | -0.04    |
| 78) Terphenyl-d14           | 16.90 | 244  | 62697    | 11.20 | ng    | -0.03    |
| Target Compounds            |       |      |          |       |       |          |
| 70) Phenanthrene            | 14.56 | 178  | 23879    | 2.53  | ng    | 99       |
| 74) Fluoranthene            | 16.35 | 202  | 37131    | 3.98  | ng    | 96       |
| 77) Pyrene                  | 16.66 | 202  | 34125    | 3.29  | ng    | 99       |
| 82) Chrysene                | 18.29 | 228  | 19877    | 2.46  | ng    | # 94     |
| 87) Benzo(b)fluoranthene    | 19.53 | 252  | 19769m   | 3.18  | ng    |          |

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

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