

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\  
 Data File : BF100554.D  
 Acq On : 14 Nov 2017 20:30  
 Operator : SJ/JU  
 Sample : I6441-03 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-11A-11B

Manual Integrations  
 APPROVED

SOHIL  
 11/15/2017 12:30:11 PM

Quant Time: Nov 15 02:48:25 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 14 14:17:16 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 109082   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.17  | 136  | 378769   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.92  | 164  | 137191   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.40 | 188  | 252948   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 14.04 | 240  | 260067   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.52 | 264  | 184153   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 142103   | 20.88 | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 167233   | 19.93 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 92674    | 16.18 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 25766    | 18.43 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.24  | 172  | 140898   | 15.64 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.99 | 244  | 117350   | 10.37 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 70) Phenanthrene            | 11.43 | 178  | 52650    | 3.953 | ng    | 98       |
| 74) Fluoranthene            | 12.62 | 202  | 119381   | 8.458 | ng    | 100      |
| 77) Pyrene                  | 12.85 | 202  | 121487   | 6.553 | ng    | 97       |
| 80) Benzo(a)anthracene      | 14.03 | 228  | 67144    | 4.287 | ng    | 94       |
| 82) Chrysene                | 14.07 | 228  | 55268    | 3.644 | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 15.09 | 252  | 58490m   | 5.361 | ng    |          |
| 89) Benzo(a)pyrene          | 15.46 | 252  | 40514    | 4.189 | ng    | # 90     |
| 91) Benzo(g,h,i)perylene    | 17.45 | 276  | 24911    | 3.217 | ng    | # 92     |

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

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