

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\  
 Data File : BF101613.D  
 Acq On : 21 Dec 2017 18:06  
 Operator : SJ/JU  
 Sample : I6890-01 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB-10-OW(2-2.5)

Manual Integrations  
 APPROVED

Sohil  
 12/22/2017 12:42:08 PM

Quant Time: Dec 22 01:12:13 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 20 14:25:04 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 103027   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.08  | 136  | 369248   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.83  | 164  | 135694   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.32 | 188  | 243696   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.97 | 240  | 283922   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.44 | 264  | 229903   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 169752   | 24.54  | ng    | 0.01     |
| 7) Phenol-d6                | 6.45  | 99   | 201965   | 23.46  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 106309   | 16.03  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 26158    | 20.01  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 148667   | 17.00  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.90 | 244  | 131456   | 11.16  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 70) Phenanthrene            | 11.35 | 178  | 40991    | 3.025  | ng    | 99       |
| 74) Fluoranthene            | 12.54 | 202  | 143751   | 10.105 | ng    | 96       |
| 77) Pyrene                  | 12.77 | 202  | 127060   | 5.963  | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.96 | 228  | 66405    | 3.542  | ng    | 98       |
| 82) Chrysene                | 14.00 | 228  | 67500m   | 3.813  | ng    |          |
| 87) Benzo(b)fluoranthene    | 15.02 | 252  | 70299m   | 5.017  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.04 | 252  | 27411m   | 2.012  | ng    |          |
| 89) Benzo(a)pyrene          | 15.38 | 252  | 44710    | 3.461  | ng    | # 94     |

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

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