

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\  
 Data File : BF099379.D  
 Acq On : 12 Oct 2017 8:11  
 Operator : SJ/JU  
 Sample : I5530-06 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LB-32(14.5-15)

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:07:27 PM

Quant Time: Oct 12 13:11:14 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 16:25:21 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 116077   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 473089   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 200979   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 310493   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 14.01 | 240  | 188234   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.49 | 264  | 211849   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 156456   | 21.46 | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 189423   | 21.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 106670   | 14.46 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330  | 30588    | 18.60 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 226979   | 18.85 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.95 | 244  | 131178   | 15.85 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 70) Phenanthrene            | 11.40 | 178  | 64863    | 3.903 | ng    | 97       |
| 74) Fluoranthene            | 12.59 | 202  | 91092    | 5.413 | ng    | 97       |
| 77) Pyrene                  | 12.82 | 202  | 88110    | 6.139 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.00 | 228  | 39452    | 3.461 | ng    | 95       |
| 82) Chrysene                | 14.04 | 228  | 39358    | 3.627 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.96 | 276  | 24315    | 2.801 | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 15.05 | 252  | 48571m   | 3.729 | ng    |          |
| 89) Benzo(a)pyrene          | 15.42 | 252  | 40324    | 3.373 | ng    | # 92     |
| 91) Benzo(g,h,i)perylene    | 17.41 | 276  | 34835    | 3.683 | ng    | # 89     |

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

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