

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\  
 Data File : BF098508.D  
 Acq On : 14 Sep 2017 00:01  
 Operator : SJ/JU  
 Sample : I5182-07 10X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-19

Manual Integrations  
 APPROVED

Sohil  
 9/14/2017 5:53:00 PM

Quant Time: Sep 14 07:37:30 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:14:50 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.65  | 152  | 169610   | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8          | 7.94  | 136  | 685319   | 20.00 | ng    | -0.01     |
| 38) Acenaphthene-d10        | 9.69  | 164  | 290024   | 20.00 | ng    | -0.02     |
| 63) Phenanthrene-d10        | 11.17 | 188  | 442652   | 20.00 | ng    | -0.02     |
| 75) Chrysene-d12            | 13.80 | 240  | 346413   | 20.00 | ng    | -0.01     |
| 86) Perylene-d12            | 15.20 | 264  | 287768   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.26  | 112  | 94477    | 8.24  | ng    | -0.01     |
| 7) Phenol-d6                | 6.31  | 99   | 119801   | 8.23  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.22  | 82   | 61130    | 4.97  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.48 | 330  | 14110    | 7.29  | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 9.01  | 172  | 139356   | 8.14  | ng    | -0.02     |
| 78) Terphenyl-d14           | 12.75 | 244  | 89839    | 5.60  | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 74) Fluoranthene            | 12.38 | 202  | 70918    | 3.019 | ng    | Qvalue 97 |
| 77) Pyrene                  | 12.60 | 202  | 171668   | 6.282 | ng    | 98        |
| 80) Benzo(a)anthracene      | 13.79 | 228  | 89759    | 4.420 | ng    | 99        |
| 82) Chrysene                | 13.83 | 228  | 110877m  | 5.401 | ng    |           |
| 87) Benzo(b)fluoranthene    | 14.81 | 252  | 86571m   | 4.784 | ng    |           |
| 89) Benzo(a)pyrene          | 15.14 | 252  | 73688    | 4.571 | ng    | # 93      |
| 91) Benzo(g,h,i)perylene    | 16.94 | 276  | 25222    | 2.138 | ng    | 95        |

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

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