

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\  
 Data File : BF098468.D  
 Acq On : 12 Sep 2017 23:34  
 Operator : SJ/JU  
 Sample : I5140-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RL-11-0-12.25

Manual Integrations  
 APPROVED

Sohil  
 9/13/2017 5:00:22 PM

Quant Time: Sep 13 02:31:25 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      | 6.66  | 152  | 182637   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.95  | 136  | 727743   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.69  | 164  | 283070   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.17 | 188  | 447153   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12               | 13.81 | 240  | 359443   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 15.21 | 264  | 290421   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.27  | 112  | 915611   | 74.12 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.32  | 99   | 1150438  | 73.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.23  | 82   | 675305   | 51.73 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.49 | 330  | 131722   | 69.72 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.02  | 172  | 857431   | 51.34 | ng    | -0.01    |
| 78) Terphenyl-d14              | 12.76 | 244  | 615951   | 36.99 | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       |          |
| 10) Phenol                     | 6.33  | 94   | 41777    | 2.293 | ng    | 97       |
| 49) Dimethylphthalate          | 9.42  | 163  | 142162   | 6.488 | ng    | 97       |
| 70) Phenanthrene               | 11.20 | 178  | 97237    | 4.102 | ng    | 96       |
| 74) Fluoranthene               | 12.39 | 202  | 201261   | 8.481 | ng    | 98       |
| 77) Pyrene                     | 12.62 | 202  | 179810   | 6.341 | ng    | 99       |
| 80) Benzo(a)anthracene         | 13.80 | 228  | 85924    | 4.077 | ng    | 99       |
| 82) Chrysene                   | 13.83 | 228  | 88894    | 4.173 | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 82959    | 5.374 | ng    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.55 | 276  | 35362    | 2.366 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.82 | 252  | 105160m  | 5.759 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.84 | 252  | 34758m   | 2.039 | ng    |          |
| 89) Benzo(a)pyrene             | 15.16 | 252  | 67534    | 4.151 | ng    | # 89     |
| 91) Benzo(a,h,i)perylene       | 16.95 | 276  | 38307    | 3.218 | ng    | 97       |

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

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