

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\  
 Data File : BF098464.D  
 Acq On : 12 Sep 2017 21:42  
 Operator : SJ/JU  
 Sample : I5140-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RL-9-0-15

Manual Integrations  
 APPROVED

Sohil  
 9/13/2017 5:00:14 PM

Quant Time: Sep 13 02:09:06 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  | 216082   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.95  | 136  | 842061   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.69  | 164  | 327183   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.17 | 188  | 502047   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12               | 13.82 | 240  | 375729   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 15.22 | 264  | 286435   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.28  | 112  | 1444589  | 98.84 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.32  | 99   | 1797584  | 96.87 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.23  | 82   | 1121478  | 74.25 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.49 | 330  | 215366   | 98.63 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.02  | 172  | 1542983  | 79.93 | ng    | -0.01    |
| 78) Terphenyl-d14              | 12.76 | 244  | 948417   | 54.48 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 10) Phenol                     | 6.33  | 94   | 58633    | 2.720 | ng    | 89       |
| 49) Dimethylphthalate          | 9.42  | 163  | 238523   | 9.418 | ng    | 99       |
| 70) Phenanthrene               | 11.20 | 178  | 104111   | 3.912 | ng    | 97       |
| 74) Fluoranthene               | 12.39 | 202  | 188187   | 7.063 | ng    | 98       |
| 77) Pyrene                     | 12.62 | 202  | 172591   | 5.823 | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.80 | 228  | 73937    | 3.356 | ng    | # 89     |
| 82) Chrysene                   | 13.84 | 228  | 84593    | 3.799 | ng    | # 94     |
| 83) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 49356    | 3.058 | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 14.82 | 252  | 88304m   | 4.903 | ng    |          |
| 89) Benzo(a)pyrene             | 15.16 | 252  | 57063    | 3.556 | ng    | # 85     |
| 91) Benzo(g,h,i)perylene       | 16.96 | 276  | 29408    | 2.505 | ng    | 91       |

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

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