

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\  
 Data File : BF098350.D  
 Acq On : 8 Sep 2017 15:06  
 Operator : SJ/JU  
 Sample : I5110-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-2

Manual Integrations  
 APPROVED

Sohil  
 9/11/2017 4:47:32 PM

Quant Time: Sep 08 15:52:38 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 08 15:02:28 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.68  | 152  | 101105   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.96  | 136  | 400721   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.72  | 164  | 185336   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.20 | 188  | 330454   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.83 | 240  | 195488   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.24 | 264  | 190788   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 846679   | 127.38 | ng    | 0.02     |
| 7) Phenol-d6                | 6.33  | 99   | 1146623  | 126.96 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 709139   | 96.14  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 226030   | 140.56 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 1026285  | 81.36  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.79 | 244  | 736615   | 78.58  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.35  | 94   | 45172    | 4.277  | ng    | 86       |
| 49) Dimethylphthalate       | 9.44  | 163  | 115760   | 8.545  | ng    | 98       |
| 70) Phenanthrene            | 11.22 | 178  | 143919   | 8.173  | ng    | 99       |
| 74) Fluoranthene            | 12.41 | 202  | 199775   | 10.869 | ng    | 99       |
| 77) Pyrene                  | 12.63 | 202  | 167149   | 10.454 | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.82 | 228  | 69388    | 5.922  | ng    | 98       |
| 82) Chrysene                | 13.86 | 228  | 62844    | 5.392  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.59 | 276  | 38809    | 4.526  | ng    | 93       |
| 87) Benzo(b)fluoranthene    | 14.84 | 252  | 85698m   | 7.126  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.86 | 252  | 25424m   | 2.250  | ng    |          |
| 89) Benzo(a)pyrene          | 15.18 | 252  | 58535    | 5.498  | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 16.99 | 276  | 39161    | 4.330  | ng    | 97       |

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

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