

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\  
 Data File : BF109260.D  
 Acq On : 24 Sep 2018 12:04  
 Operator : JU/SJ  
 Sample : J5023-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-PIT-2

Manual Integrations  
 APPROVED

Sohil  
 9/25/2018 9:57:05 AM

Quant Time: Sep 25 08:39:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 115912   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 449195   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.73  | 164  | 215608   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.22 | 188  | 420268   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.84 | 240  | 294652   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.24 | 264  | 323302   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 584551   | 83.06  | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 745795   | 83.05  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 466685   | 61.33  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 197902   | 93.11  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 780605   | 54.60  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.80 | 244  | 701032   | 58.39  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.36  | 94   | 34432    | 3.386  | ng    | 98       |
| 49) Dimethylphthalate       | 9.46  | 163  | 277240   | 17.679 | ng    | 99       |
| 70) Phenanthrene            | 11.23 | 178  | 177998   | 8.483  | ng    | 98       |
| 74) Fluoranthene            | 12.43 | 202  | 280082   | 12.490 | ng    | 96       |
| 77) Pyrene                  | 12.64 | 202  | 232794   | 11.024 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.83 | 228  | 121067   | 6.822  | ng    | 99       |
| 82) Chrysene                | 13.86 | 228  | 108889   | 6.190  | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.57 | 276  | 75370    | 5.286  | ng    | # 88     |
| 87) Benzo(b)fluoranthene    | 14.84 | 252  | 143115m  | 8.056  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.87 | 252  | 54655m   | 3.242  | ng    |          |
| 89) Benzo(a)pyrene          | 15.18 | 252  | 111805   | 6.984  | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 16.98 | 276  | 66314    | 5.138  | ng    | # 92     |

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

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