

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\  
 Data File : BF110313.D  
 Acq On : 30 Oct 2018 19:51  
 Operator : JU/SJ  
 Sample : J5724-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-UNDER-BUCKET

Manual Integrations  
 APPROVED

Sohil  
 10/31/2018 11:15:04 AM

Quant Time: Oct 31 05:26:18 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 17:29:00 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 110615   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.25  | 136  | 452639   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 10.01 | 164  | 201084   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.50 | 188  | 319692   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.16 | 240  | 214560   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.69 | 264  | 175963   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.59  | 112  | 613437   | 90.31  | ng    | 0.00        |
| 7) Phenol-d6                | 6.59  | 99   | 795941   | 91.61  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 498623   | 65.34  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.80 | 330  | 158924   | 79.79  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.33  | 172  | 843175   | 65.84  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.09 | 244  | 574927   | 55.73  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.60  | 94   | 61318    | 6.602  | ng    | Qvalue # 66 |
| 50) Dimethylphthalate       | 9.72  | 163  | 87829    | 5.917  | ng    | 99          |
| 52) Acenaphthene            | 10.05 | 154  | 42859    | 3.363  | ng    | 95          |
| 58) Fluorene                | 10.56 | 166  | 42497    | 3.200  | ng    | 98          |
| 71) Phenanthrene            | 11.53 | 178  | 396944   | 23.730 | ng    | 100         |
| 72) Anthracene              | 11.58 | 178  | 119088   | 7.103  | ng    | 98          |
| 73) Carbazole               | 11.73 | 167  | 36289    | 2.217  | ng    | 98          |
| 75) Fluoranthene            | 12.73 | 202  | 511473   | 30.128 | ng    | 99          |
| 78) Pyrene                  | 12.96 | 202  | 444567   | 28.902 | ng    | 98          |
| 81) Benzo(a)anthracene      | 14.14 | 228  | 213439   | 16.775 | ng    | 98          |
| 83) Chrysene                | 14.18 | 228  | 176738   | 14.624 | ng    | 97          |
| 86) Indeno(1,2,3-cd)pyrene  | 17.26 | 276  | 68027    | 6.785  | ng    | 97          |
| 88) Benzo(b)fluoranthene    | 15.23 | 252  | 219360m  | 21.588 | ng    |             |
| 89) Benzo(k)fluoranthene    | 15.26 | 252  | 58503m   | 5.856  | ng    |             |
| 90) Benzo(a)pyrene          | 15.62 | 252  | 143383   | 15.335 | ng    | 99          |
| 91) Dibenzo(a,h)anthracene  | 17.26 | 278  | 17790m   | 2.205  | ng    |             |
| 92) Benzo(a,h,i)perylene    | 17.74 | 276  | 65090    | 8.187  | ng    | 94          |

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

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