

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\  
 Data File : BF110306.D  
 Acq On : 30 Oct 2018 16:41  
 Operator : JU/SJ  
 Sample : J5724-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DARK-SOIL(IN-BUCKET)

Manual Integrations  
 APPROVED

Sohil  
 10/31/2018 11:15:01 AM

Quant Time: Oct 31 05:05:39 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  | 107808   | 20.00 | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.25  | 136  | 446287   | 20.00 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 10.01 | 164  | 195357   | 20.00 | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.51 | 188  | 308917   | 20.00 | ng    | 0.00        |
| 76) Chrysene-d12            | 14.16 | 240  | 216402   | 20.00 | ng    | 0.00        |
| 87) Perylene-d12            | 15.69 | 264  | 179177   | 20.00 | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |       |       |             |
| 5) 2-Fluorophenol           | 5.59  | 112  | 411958   | 62.23 | ng    | 0.00        |
| 7) Phenol-d6                | 6.59  | 99   | 524858   | 61.98 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 326360   | 43.37 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.80 | 330  | 102397   | 52.91 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.32  | 172  | 503320   | 40.46 | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.09 | 244  | 338938   | 32.57 | ng    | 0.00        |
| Target Compounds            |       |      |          |       |       |             |
| 10) Phenol                  | 6.60  | 94   | 47367    | 5.233 | ng    | Qvalue # 70 |
| 20) 3+4-Methylphenols       | 7.36  | 107  | 40537    | 5.156 | ng    | # 78        |
| 50) Dimethylphthalate       | 9.72  | 163  | 56150    | 3.894 | ng    | 98          |
| 71) Phenanthrene            | 11.53 | 178  | 88763    | 5.491 | ng    | 97          |
| 75) Fluoranthene            | 12.74 | 202  | 130072   | 7.929 | ng    | 98          |
| 78) Pyrene                  | 12.96 | 202  | 113646   | 7.325 | ng    | 98          |
| 81) Benzo(a)anthracene      | 14.14 | 228  | 54942    | 4.281 | ng    | 99          |
| 83) Chrysene                | 14.18 | 228  | 50010    | 4.103 | ng    | 97          |
| 86) Indeno(1,2,3-cd)pyrene  | 17.26 | 276  | 21114    | 2.088 | ng    | 99          |
| 88) Benzo(b)fluoranthene    | 15.23 | 252  | 55348m   | 5.349 | ng    |             |
| 89) Benzo(k)fluoranthene    | 15.26 | 252  | 22430m   | 2.205 | ng    |             |
| 90) Benzo(a)pyrene          | 15.62 | 252  | 39967    | 4.198 | ng    | # 96        |
| 92) Benzo(a,h,i)perylene    | 17.74 | 276  | 18824    | 2.325 | ng    | 100         |

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

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