

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\  
 Data File : BF107420.D  
 Acq On : 16 Jul 2018 23:22  
 Operator : JU/SJ  
 Sample : J3821-01 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-05-071218-A

Manual Integrations  
 APPROVED

Sohil  
 7/17/2018 4:53:14 PM

Quant Time: Jul 17 02:30:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 16 17:24:26 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.98  | 152  | 151422   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.27  | 136  | 575348   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.02 | 164  | 269428   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.51 | 188  | 508599   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 14.17 | 240  | 465001   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 15.70 | 264  | 348098   | 20.00  | ng    | 0.01           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.60  | 112  | 402134   | 40.33  | ng    | 0.00           |
| 7) Phenol-d6                | 6.60  | 99   | 527592   | 40.93  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.54  | 82   | 351173   | 32.55  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 10.81 | 330  | 97806    | 41.32  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.34  | 172  | 636040   | 32.69  | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.10 | 244  | 622097   | 33.24  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.73  | 163  | 134973   | 6.305  | ng    | Qvalue<br># 97 |
| 70) Phenanthrene            | 11.54 | 178  | 309503   | 12.211 | ng    | 98             |
| 71) Anthracene              | 11.59 | 178  | 69853    | 2.767  | ng    | 94             |
| 74) Fluoranthene            | 12.73 | 202  | 460237   | 15.976 | ng    | 94             |
| 77) Pyrene                  | 12.97 | 202  | 436269   | 13.797 | ng    | 96             |
| 80) Benzo(a)anthracene      | 14.15 | 228  | 234892   | 8.256  | ng    | 97             |
| 82) Chrysene                | 14.19 | 228  | 231823   | 8.530  | ng    | 98             |
| 85) Indeno(1,2,3-cd)pyrene  | 17.26 | 276  | 67647    | 3.497  | ng    | # 91           |
| 87) Benzo(b)fluoranthene    | 15.24 | 252  | 226492m  | 11.116 | ng    |                |
| 88) Benzo(k)fluoranthene    | 15.27 | 252  | 73265m   | 3.685  | ng    |                |
| 89) Benzo(a)pyrene          | 15.63 | 252  | 149712   | 8.006  | ng    | # 90           |
| 91) Benzo(a,h,i)perylene    | 17.74 | 276  | 59962    | 4.181  | ng    | # 89           |

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

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