

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\  
 Data File : BF110407.D  
 Acq On : 2 Nov 2018 13:02  
 Operator : JU/SJ  
 Sample : J5759-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Manual Integrations  
 APPROVED

Sohil  
 11/5/2018 10:32:37 AM

Quant Time: Nov 02 22:47:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 85800    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.24  | 136  | 337172   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.99  | 164  | 143996   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.49 | 188  | 226604   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.13 | 240  | 187484   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.66 | 264  | 186208   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.57  | 112  | 301884   | 57.30  | ng    | 0.00        |
| 7) Phenol-d6                | 6.57  | 99   | 410143   | 60.86  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 272760   | 47.98  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.79 | 330  | 99992    | 70.10  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.31  | 172  | 525683   | 57.33  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.07 | 244  | 457257   | 50.72  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.59  | 94   | 24429    | 3.391  | ng    | Qvalue # 65 |
| 50) Dimethylphthalate       | 9.70  | 163  | 80819    | 7.603  | ng    | 99          |
| 71) Phenanthrene            | 11.51 | 178  | 84171    | 7.099  | ng    | 98          |
| 75) Fluoranthene            | 12.70 | 202  | 131453   | 10.924 | ng    | 97          |
| 78) Pyrene                  | 12.93 | 202  | 127284   | 9.470  | ng    | 97          |
| 81) Benzo(a)anthracene      | 14.12 | 228  | 63698    | 5.729  | ng    | 99          |
| 83) Chrysene                | 14.16 | 228  | 55805    | 5.285  | ng    | 96          |
| 86) Indeno(1,2,3-cd)pyrene  | 17.22 | 276  | 26189    | 2.989  | ng    | 97          |
| 88) Benzo(b)fluoranthene    | 15.20 | 252  | 72007m   | 6.697  | ng    |             |
| 89) Benzo(k)fluoranthene    | 15.23 | 252  | 23244m   | 2.199  | ng    |             |
| 90) Benzo(a)pyrene          | 15.59 | 252  | 50591    | 5.113  | ng    | # 98        |
| 92) Benzo(a,h,i)perylene    | 17.69 | 276  | 24701    | 2.936  | ng    | # 94        |

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

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