

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\  
 Data File : BF106617.D  
 Acq On : 20 Jun 2018 8:36  
 Operator : JU/SJ  
 Sample : J3249-07DL 4X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PL-01-061818-DDL

Manual Integrations  
 APPROVED

Sohil  
 6/20/2018 4:58:49 PM

Quant Time: Jun 20 09:01:06 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 19 14:32:09 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 102463   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 378207   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.00 | 164  | 151113   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.49 | 188  | 256702   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.16 | 240  | 270069   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.71 | 264  | 200666   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 107654   | 17.79  | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 132345   | 17.51  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 77893    | 11.45  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.79 | 330  | 23129    | 13.21  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 147910   | 2.20   | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.08 | 244  | 145997   | 13.09  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 48) Acenaphthylene          | 9.87  | 152  | 35844    | 2.395  | ng    | 100      |
| 51) Acenaphthene            | 10.04 | 154  | 26751    | 2.838  | ng    | 96       |
| 54) Dibenzofuran            | 10.21 | 168  | 31438    | 2.436  | ng    | # 94     |
| 57) Fluorene                | 10.55 | 166  | 51374    | 5.017  | ng    | 100      |
| 70) Phenanthrene            | 11.52 | 178  | 455175   | 36.763 | ng    | 99       |
| 71) Anthracene              | 11.57 | 178  | 174417   | 13.801 | ng    | 98       |
| 74) Fluoranthene            | 12.72 | 202  | 915192   | 67.064 | ng    | 98       |
| 77) Pyrene                  | 12.95 | 202  | 852726   | 47.881 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.15 | 228  | 558498   | 33.931 | ng    | 97       |
| 82) Chrysene                | 14.19 | 228  | 457359   | 30.203 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.28 | 276  | 168805   | 13.136 | ng    | # 89     |
| 87) Benzo(b)fluoranthene    | 15.25 | 252  | 486084m  | 38.995 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.28 | 252  | 161352m  | 13.593 | ng    |          |
| 89) Benzo(a)pyrene          | 15.64 | 252  | 332324   | 29.990 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene  | 17.28 | 278  | 42690    | 4.546  | ng    | # 71     |
| 91) Benzo(g,h,i)perylene    | 17.76 | 276  | 162937   | 17.751 | ng    | # 93     |

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

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