

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
 Data File : BF106384.D  
 Acq On : 13 Jun 2018 10:11  
 Operator : JU/SJ  
 Sample : J3322-04DL 50X  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB02-3\_E\_5DL

Manual Integrations  
 APPROVED

Sohil  
 6/13/2018 4:56:46 PM

Quant Time: Jun 13 11:40:35 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 13 10:51:26 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 112800   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 390633   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 167523   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.51 | 188  | 347305   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 346864   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 256875   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |       |      |    |       |
|--------------------------|-------|-----|-------|------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 13714 | 2.06 | ng | 0.01  |
| 7) Phenol-d6             | 6.65  | 99  | 16708 | 1.98 | ng | 0.02  |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 9297  | 1.40 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 2472  | 1.53 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 0.00  | 172 | 0d    | 0.00 | ng |       |
| 78) Terphenyl-d14        | 13.08 | 244 | 26480 | 1.90 | ng | 0.00  |

## Target Compounds

|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 31) Naphthalene            | 8.28  | 128 | 237133  | 13.429 | ng | 99     |
| 48) Acenaphthylene         | 9.88  | 152 | 221700  | 13.949 | ng | 98     |
| 51) Acenaphthene           | 10.05 | 154 | 51667   | 5.034  | ng | 98     |
| 54) Dibenzofuran           | 10.22 | 168 | 43995   | 3.183  | ng | 98     |
| 57) Fluorene               | 10.56 | 166 | 74315   | 6.786  | ng | 100    |
| 70) Phenanthrene           | 11.53 | 178 | 423222  | 24.882 | ng | 100    |
| 71) Anthracene             | 11.58 | 178 | 179673  | 10.544 | ng | 100    |
| 74) Fluoranthene           | 12.72 | 202 | 756700  | 41.717 | ng | 97     |
| 77) Pyrene                 | 12.95 | 202 | 818902  | 37.710 | ng | 99     |
| 80) Benzo(a)anthracene     | 14.15 | 228 | 493322m | 23.899 | ng |        |
| 82) Chrysene               | 14.18 | 228 | 438959  | 23.292 | ng | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 220620  | 14.668 | ng | # 89   |
| 87) Benzo(b)fluoranthene   | 15.24 | 252 | 560203m | 36.077 | ng |        |
| 88) Benzo(k)fluoranthene   | 15.27 | 252 | 152368m | 9.908  | ng |        |
| 89) Benzo(a)pyrene         | 15.63 | 252 | 401586  | 28.753 | ng | 95     |
| 90) Dibenzo(a,h)anthracene | 17.27 | 278 | 56137   | 4.821  | ng | 93     |
| 91) Benzo(g,h,i)perylene   | 17.74 | 276 | 224431  | 19.833 | ng | 94     |

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

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