

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\  
 Data File : BF101897.D  
 Acq On : 4 Jan 2018 18:08  
 Operator : SJ/JU  
 Sample : J1033-06 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-3(10)

Manual Integrations  
 APPROVED

Sohil  
 1/5/2018 10:29:33 AM

Quant Time: Jan 05 00:30:44 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 04 14:22:17 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 123613   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.06  | 136  | 438383   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.81  | 164  | 151259   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 251745   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.96 | 240  | 276053   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.43 | 264  | 234800   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 192943   | 23.25  | ng    | 0.02     |
| 7) Phenol-d6                | 6.44  | 99   | 247090   | 23.92  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 141749   | 18.00  | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 25215    | 17.30  | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 175204   | 17.97  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.88 | 244  | 159972   | 13.97  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 51) Acenaphthene            | 9.84  | 154  | 48902    | 5.021  | ng    | 99       |
| 54) Dibenzofuran            | 10.02 | 168  | 35696    | 2.884  | ng    | 98       |
| 57) Fluorene                | 10.36 | 166  | 46769    | 4.466  | ng    | 97       |
| 70) Phenanthrene            | 11.33 | 178  | 794495   | 56.750 | ng    | 99       |
| 71) Anthracene              | 11.38 | 178  | 150078   | 10.495 | ng    | 97       |
| 72) Carbazole               | 11.55 | 167  | 58832    | 4.394  | ng    | 99       |
| 74) Fluoranthene            | 12.52 | 202  | 923727   | 62.860 | ng    | 99       |
| 77) Pyrene                  | 12.76 | 202  | 998790   | 48.209 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.94 | 228  | 541300   | 29.696 | ng    | 98       |
| 82) Chrysene                | 13.99 | 228  | 527962   | 30.676 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.92 | 276  | 154484   | 10.080 | ng    | # 91     |
| 87) Benzo(b)fluoranthene    | 15.00 | 252  | 535966m  | 37.450 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.03 | 252  | 117350m  | 8.433  | ng    |          |
| 89) Benzo(a)pyrene          | 15.37 | 252  | 344316   | 26.098 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 16.90 | 278  | 51726m   | 4.566  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 17.36 | 276  | 144032   | 12.841 | ng    | 96       |

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

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