

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\  
 Data File : BF097862.D  
 Acq On : 19 Aug 2017 5:04  
 Operator : SJ/JU  
 Sample : I4820-15  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-J7-WSW

Manual Integrations  
 APPROVED

Sohil  
 8/21/2017 6:18:55 AM

Quant Time: Aug 19 05:34:04 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 15 13:25:08 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 116860   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.06  | 136  | 458274   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.81  | 164  | 202968   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.29 | 188  | 365958   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.93 | 240  | 316358   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.36 | 264  | 268545   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.38  | 112  | 937880   | 122.08 | ng    | 0.00     |
| 7) Phenol-d6                | 6.41  | 99   | 1255247  | 120.25 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.34  | 82   | 779890   | 92.45  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 217102   | 123.28 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 1050059  | 76.01  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.88 | 244  | 828855   | 54.64  | ng    | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 37) 2-Methylnaphthalene    | 8.77  | 142  | 31564    | 2.164  | ng    | 95     |
| 49) Dimethylphthalate      | 9.53  | 163  | 184735   | 12.451 | ng    | 98     |
| 51) Acenaphthene           | 9.84  | 154  | 62111    | 4.586  | ng    | 98     |
| 54) Dibenzofuran           | 10.01 | 168  | 46114    | 2.540  | ng    | # 91   |
| 57) Fluorene               | 10.35 | 166  | 66272    | 4.722  | ng    | 96     |
| 70) Phenanthrene           | 11.32 | 178  | 364934   | 18.714 | ng    | 99     |
| 71) Anthracene             | 11.36 | 178  | 83713    | 4.232  | ng    | 98     |
| 74) Fluoranthene           | 12.50 | 202  | 345701   | 16.984 | ng    | 98     |
| 77) Pyrene                 | 12.73 | 202  | 319786   | 12.359 | ng    | 98     |
| 80) Benzo(a)anthracene     | 13.92 | 228  | 117380   | 6.191  | ng    | 97     |
| 82) Chrysene               | 13.95 | 228  | 131791   | 6.987  | ng    | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 16.74 | 276  | 39381    | 2.838  | ng    | # 91   |
| 87) Benzo(b)fluoranthene   | 14.94 | 252  | 130865m  | 7.731  | ng    |        |
| 88) Benzo(k)fluoranthene   | 14.97 | 252  | 37107m   | 2.333  | ng    |        |
| 89) Benzo(a)pyrene         | 15.29 | 252  | 85260    | 5.690  | ng    | 98     |
| 91) Benzo(g,h,i)perylene   | 17.16 | 276  | 36085    | 2.835  | ng    | 94     |

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

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