

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\  
 Data File : BF091692.D  
 Acq On : 17 Dec 2016 00:13  
 Operator : UM/SJ  
 Sample : H6125-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-49(11-13)-12-14-16

Quant Time: Dec 17 04:16:30 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 00:35:41 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 216037   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 546343   | 20.00  | ng    | 0.01     |
| 38) Acenaphthene-d10        | 9.85  | 164  | 273316   | 20.00  | ng    | 0.02     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 436613   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.93 | 240  | 485219   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.33 | 264  | 450545   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1449595  | 113.05 | ng    | 0.01     |
| 7) Phenol-d6                | 6.43  | 99   | 2644096  | 165.40 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 1423360  | 145.41 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 413281   | 182.05 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 1561970  | 98.75  | ng    | 0.02     |
| 78) Terphenyl-d14           | 12.89 | 244  | 1058111  | 49.48  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.44  | 94   | 149897   | 8.02   | ng    | 89       |
| 31) Naphthalene             | 8.11  | 128  | 2183281  | 85.89  | ng    | # 94     |
| 37) 2-Methylnaphthalene     | 8.82  | 142  | 3336272  | 202.78 | ng    | # 95     |
| 49) Dimethylphthalate       | 9.56  | 163  | 300248   | 17.35  | ng    | # 80     |
| 51) Acenaphthene            | 9.87  | 154  | 217383   | 13.39  | ng    | # 88     |
| 57) Fluorene                | 10.38 | 166  | 399439   | 25.70  | ng    | # 92     |
| 70) Phenanthrene            | 11.33 | 178  | 1881457  | 87.02  | ng    | 99       |
| 71) Anthracene              | 11.38 | 178  | 357616   | 15.33  | ng    | 99       |
| 72) Carbazole               | 11.53 | 167  | 96957    | 4.74   | ng    | # 87     |
| 74) Fluoranthene            | 12.52 | 202  | 1172492  | 51.79  | ng    | 96       |
| 77) Pyrene                  | 12.74 | 202  | 1102633  | 28.64  | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.92 | 228  | 805142m  | 28.57  | ng    |          |
| 82) Chrysene                | 13.95 | 228  | 767443m  | 26.03  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.67 | 276  | 282225   | 10.64  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 14.93 | 252  | 762981m  | 28.41  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.95 | 252  | 315126m  | 13.34  | ng    |          |
| 89) Benzo(a)pyrene          | 15.28 | 252  | 613230m  | 25.34  | ng    |          |
| 90) Dibenzo(a,h)anthracene  | 16.68 | 278  | 71231    | 3.29   | ng    | 94       |
| 91) Benzo(a,h,i)perylene    | 17.07 | 276  | 266382   | 12.08  | ng    | # 93     |

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

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