

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\  
 Data File : BF101362.D  
 Acq On : 13 Dec 2017 6:51  
 Operator : SJ/JU  
 Sample : I6764-10 2X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MAP-3-E(4-5)

Manual Integrations  
 APPROVED

Sohil  
 12/13/2017 12:08:38 PM

Quant Time: Dec 13 08:37:49 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 08 18:17:31 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.82  | 152  | 42524    | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.10  | 136  | 152847   | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.86  | 164  | 60291    | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.36 | 188  | 107383   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12               | 14.02 | 240  | 80893    | 20.00   | ng    | 0.01     |
| 86) Perylene-d12               | 15.50 | 264  | 65345    | 20.00   | ng    | 0.03     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.44  | 112  | 129082   | 50.16   | ng    | 0.00     |
| 7) Phenol-d6                   | 6.46  | 99   | 150244   | 48.09   | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.39  | 82   | 79253    | 30.93   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.66 | 330  | 29567    | 40.82   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.18  | 172  | 172382   | 39.12   | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.94 | 244  | 151967   | 41.09   | ng    | 0.00     |
| Target Compounds               |       |      |          |         |       | Qvalue   |
| 31) Naphthalene                | 8.13  | 128  | 20167    | 2.677   | ng    | 100      |
| 48) Acenaphthylene             | 9.73  | 152  | 132289   | 20.520  | ng    | 98       |
| 49) Dimethylphthalate          | 9.57  | 163  | 15455    | 3.179   | ng    | 98       |
| 51) Acenaphthene               | 9.90  | 154  | 9521     | 2.466   | ng    | 97       |
| 54) Dibenzofuran               | 10.07 | 168  | 11826    | 2.126   | ng    | # 97     |
| 57) Fluorene                   | 10.42 | 166  | 16926    | 3.743   | ng    | 97       |
| 70) Phenanthrene               | 11.39 | 178  | 337715   | 57.109  | ng    | 98       |
| 71) Anthracene                 | 11.43 | 178  | 112871   | 18.859  | ng    | 99       |
| 72) Carbazole                  | 11.59 | 167  | 42283    | 7.732   | ng    | 99       |
| 74) Fluoranthene               | 12.59 | 202  | 853443   | 130.196 | ng    | 93       |
| 77) Pyrene                     | 12.82 | 202  | 811117   | 145.313 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 387590   | 75.887  | ng    | 94       |
| 82) Chrysene                   | 14.04 | 228  | 386917   | 81.570  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 16371    | 4.665   | ng    | # 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.00 | 276  | 206703   | 49.016  | ng    | # 86     |
| 87) Benzo(b)fluoranthene       | 15.07 | 252  | 434731m  | 111.071 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.10 | 252  | 145215m  | 37.658  | ng    |          |
| 89) Benzo(a)pyrene             | 15.44 | 252  | 298580   | 83.911  | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.00 | 278  | 54145m   | 17.260  | ng    |          |
| 91) Benzo(a,h,i)perylene       | 17.46 | 276  | 205651   | 69.563  | ng    | # 91     |

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

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