

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\  
 Data File : BF095389.D  
 Acq On : 24 May 2017 15:15  
 Operator : SJ/MA  
 Sample : I3290-06 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Manual Integrations  
 APPROVED

mohammad  
 5/25/2017 8:51:56 AM

Quant Time: May 25 02:54:25 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 17:07:53 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.75  | 152  | 88039    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 9.78  | 136  | 378585   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 12.61 | 164  | 171413   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 15.01 | 188  | 299715   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 18.68 | 240  | 185755   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12            | 20.35 | 264  | 164040   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.74  | 112  | 257782   | 48.82 | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 325725   | 51.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.67  | 82   | 190145   | 31.67 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 13.91 | 330  | 75058    | 53.47 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 11.54 | 172  | 449347   | 37.73 | ng    | -0.02    |
| 78) Terphenyl-d14           | 17.32 | 244  | 312286   | 37.03 | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 12.25 | 163  | 68746    | 4.89  | ng    | 97       |
| 70) Phenanthrene            | 15.05 | 178  | 52893    | 3.07  | ng    | 98       |
| 74) Fluoranthene            | 16.78 | 202  | 585976   | 33.17 | ng    | 98       |
| 77) Pyrene                  | 17.09 | 202  | 584366   | 42.06 | ng    | 97       |
| 80) Benzo(a)anthracene      | 18.67 | 228  | 217958   | 20.16 | ng    | 98       |
| 82) Chrysene                | 18.71 | 228  | 256647m  | 24.55 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 21.69 | 276  | 166674   | 19.63 | ng    | # 91     |
| 87) Benzo(b)fluoranthene    | 19.95 | 252  | 261345m  | 25.78 | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.98 | 252  | 109091m  | 11.16 | ng    |          |
| 89) Benzo(a)pyrene          | 20.30 | 252  | 205913   | 22.02 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene  | 21.69 | 278  | 39731m   | 5.14  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 22.07 | 276  | 173110   | 22.84 | ng    | 98       |

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

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