

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\  
 Data File : BF090427.D  
 Acq On : 6 Oct 2016 19:25  
 Operator : UM/SJ  
 Sample : H5085-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CHA-STA-1698-D(0-2)

Manual Integrations  
 APPROVED

sohil  
 10/7/2016 7:02:41 PM

Quant Time: Oct 07 11:20:47 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.00  | 152  | 206852   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.28  | 136  | 849325   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 10.05 | 164  | 462384   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.55 | 188  | 697201   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.19 | 240  | 422736   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.70 | 264  | 440391   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 1719467  | 124.06 | ng    | 0.00     |
| 7) Phenol-d6                | 6.62  | 99   | 2464458  | 135.76 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.56  | 82   | 1526126  | 87.40  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.84 | 330  | 485624   | 129.16 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.37  | 172  | 2010672  | 72.45  | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.13 | 244  | 1571601  | 83.58  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.75  | 163  | 729161   | 24.62  | ng    | # 96     |
| 51) Acenaphthene            | 10.09 | 154  | 138057   | 5.30   | ng    | 94       |
| 54) Dibenzofuran            | 10.26 | 168  | 81978    | 2.43   | ng    | # 74     |
| 57) Fluorene                | 10.60 | 166  | 119599   | 4.22   | ng    | # 86     |
| 70) Phenanthrene            | 11.57 | 178  | 2204930  | 61.76  | ng    | 99       |
| 71) Anthracene              | 11.62 | 178  | 630522   | 17.29  | ng    | 96       |
| 72) Carbazole               | 11.77 | 167  | 126622   | 3.74   | ng    | # 81     |
| 74) Fluoranthene            | 12.76 | 202  | 3241913  | 92.58  | ng    | 98       |
| 77) Pyrene                  | 13.00 | 202  | 3646742  | 129.37 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.18 | 228  | 1702885  | 71.80  | ng    | 98       |
| 82) Chrysene                | 14.21 | 228  | 1186875  | 54.37  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.22 | 276  | 932923   | 59.94  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 15.25 | 252  | 2014178m | 71.80  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.28 | 252  | 340256m  | 12.91  | ng    |          |
| 89) Benzo(a)pyrene          | 15.63 | 252  | 1435182  | 59.36  | ng    | # 93     |
| 90) Dibenzo(a,h)anthracene  | 17.22 | 278  | 231017   | 11.23  | ng    | # 82     |
| 91) Benzo(g,h,i)perylene    | 17.68 | 276  | 931691   | 47.20  | ng    | # 94     |

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

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