

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032816\  
 Data File : BF085842.D  
 Acq On : 29 Mar 2016 10:19  
 Operator : UM/SJ  
 Sample : H1834-02  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8

Manual Integrations  
 APPROVED

Sohil  
 3/29/2016 5:04:39 PM

Quant Time: Mar 29 12:43:20 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 15:27:05 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 111726   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.10  | 136  | 416588   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.85  | 164  | 186769   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.34 | 188  | 307478   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.98 | 240  | 185265   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.40 | 264  | 211348   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 896651   | 133.66 | ng    | 0.01     |
| 7) Phenol-d6                | 6.46  | 99   | 1101860  | 129.18 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 738037   | 99.77  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 243738   | 137.35 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 1087176  | 97.25  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.93 | 244  | 801761   | 89.00  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.58  | 163  | 426836   | 30.12  | ng    | 98       |
| 51) Acenaphthene            | 9.89  | 154  | 36318    | 3.15   | ng    | 98       |
| 57) Fluorene                | 10.40 | 166  | 43385    | 3.50   | ng    | 100      |
| 70) Phenanthrene            | 11.36 | 178  | 532635   | 33.74  | ng    | 99       |
| 71) Anthracene              | 11.42 | 178  | 133014   | 8.03   | ng    | 98       |
| 72) Carbazole               | 11.57 | 167  | 86189    | 6.19   | ng    | 99       |
| 73) Di-n-butylphthalate     | 11.90 | 149  | 44268    | 2.32   | ng    | 99       |
| 74) Fluoranthene            | 12.55 | 202  | 592107   | 35.28  | ng    | 94       |
| 77) Pyrene                  | 12.78 | 202  | 582963   | 38.28  | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.97 | 228  | 315356   | 29.85  | ng    | 96       |
| 82) Chrysene                | 14.00 | 228  | 290227m  | 27.28  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.78 | 276  | 129674   | 15.78  | ng    | 94       |
| 87) Benzo(b)fluoranthene    | 14.99 | 252  | 337981m  | 25.38  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.01 | 252  | 73627m   | 6.13   | ng    |          |
| 89) Benzo(a)pyrene          | 15.34 | 252  | 243600   | 20.61  | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene  | 16.78 | 278  | 33312    | 3.03   | ng    | # 81     |
| 91) Benzo(g,h,i)perylene    | 17.19 | 276  | 130324   | 11.72  | ng    | 97       |

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

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