

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031716\  
 Data File : BF085528.D  
 Acq On : 18 Mar 2016 10:09  
 Operator : UM/SJ  
 Sample : H1776-16  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W170TH-SB-03

Manual Integrations  
 APPROVED

UMANGI  
 3/18/2016 3:44:06 PM

Quant Time: Mar 18 11:34:28 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 15 18:57:05 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.87  | 152  | 120527   | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8             | 8.15  | 136  | 426693   | 20.00  | ng    | -0.06    |
| 38) Acenaphthene-d10           | 9.91  | 164  | 188683   | 20.00  | ng    | -0.05    |
| 63) Phenanthrene-d10           | 11.40 | 188  | 299910   | 20.00  | ng    | -0.05    |
| 75) Chrysene-d12               | 14.03 | 240  | 179600   | 20.00  | ng    | -0.06    |
| 86) Perylene-d12               | 15.47 | 264  | 171311   | 20.00  | ng    | -0.07    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.49  | 112  | 1374864  | 196.08 | ng    | -0.02    |
| 7) Phenol-d6                   | 6.52  | 99   | 1826851  | 200.86 | ng    | -0.03    |
| 23) Nitrobenzene-d5            | 7.44  | 82   | 1195119  | 165.60 | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol       | 10.70 | 330  | 327135   | 188.24 | ng    | -0.06    |
| 44) 2-Fluorobiphenyl           | 9.24  | 172  | 1509366  | 138.78 | ng    | -0.05    |
| 78) Terphenyl-d14              | 12.99 | 244  | 1129127  | 142.22 | ng    | -0.05    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 9.62  | 163  | 350868   | 25.49  | ng    | 99       |
| 70) Phenanthrene               | 11.42 | 178  | 56033    | 3.59   | ng    | 97       |
| 74) Fluoranthene               | 12.61 | 202  | 100700   | 6.86   | ng    | 94       |
| 77) Pyrene                     | 12.84 | 202  | 94694    | 7.03   | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 23145    | 3.93   | ng    | # 80     |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 46205    | 4.49   | ng    | 96       |
| 82) Chrysene                   | 14.06 | 228  | 38553m   | 4.16   | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 236007   | 32.85  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.87 | 276  | 24538    | 2.79   | ng    | # 92     |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 53435m   | 4.78   | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.08 | 252  | 18929m   | 2.16   | ng    |          |
| 89) Benzo(a)pyrene             | 15.41 | 252  | 36932    | 3.82   | ng    | # 94     |
| 91) Benzo(g,h,i)perylene       | 17.29 | 276  | 23414    | 2.43   | ng    | 94       |

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

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