

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031716\  
 Data File : BF085530.D  
 Acq On : 18 Mar 2016 11:05  
 Operator : UM/SJ  
 Sample : H1776-20  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W170TH-SB-04(0.5-1.0)

Manual Integrations  
 APPROVED

Sohil  
 3/18/2016 3:44:34 PM

Quant Time: Mar 18 11:46:09 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  | 168464   | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8             | 8.15  | 136  | 596222   | 20.00  | ng    | -0.06    |
| 38) Acenaphthene-d10           | 9.91  | 164  | 258823   | 20.00  | ng    | -0.05    |
| 63) Phenanthrene-d10           | 11.40 | 188  | 415688   | 20.00  | ng    | -0.05    |
| 75) Chrysene-d12               | 14.04 | 240  | 271721   | 20.00  | ng    | -0.05    |
| 86) Perylene-d12               | 15.47 | 264  | 253485   | 20.00  | ng    | -0.07    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.48  | 112  | 980441   | 100.04 | ng    | -0.03    |
| 7) Phenol-d6                   | 6.50  | 99   | 1224249  | 96.30  | ng    | -0.05    |
| 23) Nitrobenzene-d5            | 7.44  | 82   | 887592   | 88.02  | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol       | 10.70 | 330  | 232870   | 97.68  | ng    | -0.06    |
| 44) 2-Fluorobiphenyl           | 9.24  | 172  | 1200283  | 80.45  | ng    | -0.05    |
| 78) Terphenyl-d14              | 12.98 | 244  | 779195   | 64.87  | ng    | -0.05    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 9.62  | 163  | 338028   | 17.90  | ng    | # 99     |
| 70) Phenanthrene               | 11.42 | 178  | 222869   | 10.29  | ng    | 97       |
| 71) Anthracene                 | 11.46 | 178  | 52207    | 2.37   | ng    | 99       |
| 74) Fluoranthene               | 12.61 | 202  | 383982   | 18.87  | ng    | 97       |
| 77) Pyrene                     | 12.84 | 202  | 364781   | 17.90  | ng    | 97       |
| 80) Benzo(a)anthracene         | 14.02 | 228  | 168275   | 10.80  | ng    | 96       |
| 82) Chrysene                   | 14.06 | 228  | 146991   | 10.49  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 44319    | 4.08   | ng    | # 99     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.88 | 276  | 84748    | 6.38   | ng    | 92       |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 192022m  | 11.60  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.07 | 252  | 83877m   | 6.47   | ng    |          |
| 89) Benzo(a)pyrene             | 15.41 | 252  | 143512   | 10.03  | ng    | # 94     |
| 91) Benzo(g,h,i)perylene       | 17.31 | 276  | 83006    | 5.82   | ng    | 96       |

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

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