

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\  
 Data File : BF106301.D  
 Acq On : 11 Jun 2018 18:15  
 Operator : JU/SJ  
 Sample : J3377-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-B-DB-S

Manual Integrations  
 APPROVED

Sohil  
 6/12/2018 12:58:16 PM

Quant Time: Jun 12 09:07:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 11 15:00:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 232886   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 863369   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 417451   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 791304   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 552238   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.68 | 264  | 578826   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 1238282 | 89.99  | ng | 0.00 |
| 7) Phenol-d6             | 6.59  | 99  | 1539675 | 88.57  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 1002879 | 68.33  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 434397  | 108.15 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 1571541 | 60.62  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.09 | 244 | 1551189 | 69.77  | ng | 0.00 |

## Target Compounds

|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 37) 2-Methylnaphthalene    | 8.96  | 142 | 76041   | 2.861  | ng | 99     |
| 49) Dimethylphthalate      | 9.71  | 163 | 225857  | 7.573  | ng | 100    |
| 51) Acenaphthene           | 10.04 | 154 | 119228  | 4.661  | ng | 97     |
| 57) Fluorene               | 10.55 | 166 | 159787  | 5.855  | ng | 99     |
| 70) Phenanthrene           | 11.52 | 178 | 1231669 | 31.782 | ng | 96     |
| 71) Anthracene             | 11.57 | 178 | 420442  | 10.830 | ng | 99     |
| 74) Fluoranthene           | 12.71 | 202 | 865020  | 20.930 | ng | 97     |
| 77) Pyrene                 | 12.95 | 202 | 1575672 | 45.575 | ng | 94     |
| 80) Benzo(a)anthracene     | 14.14 | 228 | 604310  | 18.389 | ng | 96     |
| 82) Chrysene               | 14.17 | 228 | 504167  | 16.803 | ng | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 17.22 | 276 | 136243  | 5.690  | ng | # 91   |
| 87) Benzo(b)fluoranthene   | 15.22 | 252 | 354642m | 10.136 | ng |        |
| 88) Benzo(k)fluoranthene   | 15.25 | 252 | 93745m  | 2.705  | ng |        |
| 89) Benzo(a)pyrene         | 15.61 | 252 | 415163  | 13.192 | ng | 97     |
| 91) Benzo(a,h,i)perylene   | 17.70 | 276 | 181358  | 7.112  | ng | 94     |

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

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