

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\  
 Data File : BF111060.D  
 Acq On : 28 Nov 2018 22:01  
 Operator : JU/SJ  
 Sample : J6051-02RE 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-02RE

Manual Integrations  
 APPROVED

mohammad  
 11/29/2018 1:58:44 PM

Quant Time: Nov 29 03:37:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 27 15:32:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 10826    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.23  | 136  | 45955    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.97  | 164  | 18288    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.47 | 188  | 28178    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 25738    | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.66 | 264  | 20522    | 20.00 | ng    | 0.00     |

|                             |       |     |       |       |    |      |
|-----------------------------|-------|-----|-------|-------|----|------|
| System Monitoring Compounds |       |     |       |       |    |      |
| 5) 2-Fluorophenol           | 5.58  | 112 | 32593 | 49.93 | ng | 0.03 |
| 7) Phenol-d6                | 6.59  | 99  | 44728 | 52.57 | ng | 0.02 |
| 23) Nitrobenzene-d5         | 7.53  | 82  | 29517 | 36.76 | ng | 0.02 |
| 42) 2,4,6-Tribromophenol    | 10.78 | 330 | 7328  | 40.35 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.29  | 172 | 49640 | 39.32 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.05 | 244 | 32383 | 24.49 | ng | 0.00 |

|                            |       |     |        |         |    |      |
|----------------------------|-------|-----|--------|---------|----|------|
| Target Compounds           |       |     |        | Qvalue  |    |      |
| 31) Naphthalene            | 8.25  | 128 | 17546  | 8.145   | ng | 99   |
| 49) Acenaphthylene         | 9.85  | 152 | 27956  | 16.082  | ng | 94   |
| 50) Dimethylphthalate      | 9.69  | 163 | 7181   | 5.354   | ng | # 97 |
| 52) Acenaphthene           | 10.01 | 154 | 2786   | 2.500   | ng | 97   |
| 55) Dibenzofuran           | 10.20 | 168 | 5152   | 3.169   | ng | 100  |
| 58) Fluorene               | 10.53 | 166 | 11267  | 8.907   | ng | 94   |
| 71) Phenanthrene           | 11.50 | 178 | 110066 | 73.752  | ng | 100  |
| 72) Anthracene             | 11.56 | 178 | 36796  | 24.210  | ng | 99   |
| 73) Carbazole              | 11.72 | 167 | 4425   | 3.000   | ng | 95   |
| 75) Fluoranthene           | 12.69 | 202 | 175694 | 114.544 | ng | 98   |
| 78) Pyrene                 | 12.92 | 202 | 165265 | 87.915  | ng | 98   |
| 81) Benzo(a)anthracene     | 14.12 | 228 | 95318  | 62.728  | ng | 99   |
| 83) Chrysene               | 14.15 | 228 | 81037  | 54.174  | ng | 98   |
| 86) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 33658  | 31.347  | ng | 97   |
| 88) Benzo(b)fluoranthene   | 15.20 | 252 | 97051m | 80.501  | ng |      |
| 89) Benzo(k)fluoranthene   | 15.23 | 252 | 25683m | 20.697  | ng |      |
| 90) Benzo(a)pyrene         | 15.60 | 252 | 65764  | 58.603  | ng | 97   |
| 91) Dibenzo(a,h)anthracene | 17.25 | 278 | 7912m  | 8.545   | ng |      |
| 92) Benzo(a,h,i)perylene   | 17.74 | 276 | 30478  | 34.139  | ng | 93   |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\  
Data File : BF111060.D  
Acq On : 28 Nov 2018 22:01  
Operator : JU/SJ  
Sample : J6051-02RE 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-02RE

Manual Integrations  
APPROVED

mohammad  
11/29/2018 1:58:44 PM

Quant Time: Nov 29 03:37:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 27 15:32:10 2018  
Response via : Initial Calibration

