

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\  
 Data File : BF102255.D  
 Acq On : 20 Jan 2018 10:28  
 Operator : SJ/JU  
 Sample : J1168-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-57-0-2.0

Manual Integrations  
 APPROVED

Sohil  
 1/22/2018 5:25:43 PM

Quant Time: Jan 22 02:15:57 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 19 13:31:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.72  | 152  | 141713   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.00  | 136  | 586890   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10           | 9.75  | 164  | 244920   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.23 | 188  | 364465   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12               | 13.87 | 240  | 281622   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 15.30 | 264  | 229423   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.33  | 112  | 887805   | 88.46 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.36  | 99   | 1057426  | 88.31 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.29  | 82   | 663774   | 66.46 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.55 | 330  | 196118   | 91.76 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.08  | 172  | 1125477  | 71.79 | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.82 | 244  | 789200   | 58.18 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 10) Phenol                     | 6.37  | 94   | 48441    | 3.58  | ng    | 87       |
| 49) Dimethylphthalate          | 9.47  | 163  | 186470   | 9.49  | ng    | 100      |
| 70) Phenanthrene               | 11.26 | 178  | 331139   | 15.55 | ng    | 98       |
| 71) Anthracene                 | 11.31 | 178  | 86327    | 4.00  | ng    | 98       |
| 74) Fluoranthene               | 12.45 | 202  | 411089   | 19.63 | ng    | 100      |
| 77) Pyrene                     | 12.67 | 202  | 383451   | 15.40 | ng    | 100      |
| 80) Benzo(a)anthracene         | 13.86 | 228  | 188516m  | 10.49 | ng    |          |
| 82) Chrysene                   | 13.90 | 228  | 188354m  | 10.05 | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 32941    | 2.51  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.69 | 276  | 80714    | 5.92  | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 222757m  | 14.89 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.92 | 252  | 63892m   | 4.43  | ng    |          |
| 89) Benzo(a)pyrene             | 15.24 | 252  | 143904   | 10.69 | ng    | # 93     |
| 91) Benzo(a,h,i)perylene       | 17.11 | 276  | 76866    | 7.10  | ng    | # 94     |

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

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