

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\  
 Data File : BF103997.D  
 Acq On : 28 Mar 2018 4:48  
 Operator : JU/SJ  
 Sample : J2073-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2\_SB16\_W\_8

Manual Integrations  
 APPROVED

Sohil  
 3/28/2018 4:54:57 PM

Quant Time: Mar 28 07:26:51 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 23 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 143065   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.25  | 136  | 564849   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 10.01 | 164  | 247836   | 20.00  | ng    | -0.01       |
| 63) Phenanthrene-d10        | 11.51 | 188  | 389952   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 14.17 | 240  | 256769   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.71 | 264  | 229365   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.60  | 112  | 876308   | 93.16  | ng    | 0.01        |
| 7) Phenol-d6                | 6.60  | 99   | 1069094  | 92.90  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 619056   | 76.43  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 223782   | 105.02 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 741424   | 47.72  | ng    | -0.01       |
| 78) Terphenyl-d14           | 13.09 | 244  | 515806   | 46.63  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.62  | 94   | 26184    | 2.141  | ng    | Qvalue # 51 |
| 31) Naphthalene             | 8.27  | 128  | 836987   | 29.334 | ng    | 100         |
| 37) 2-Methylnaphthalene     | 8.96  | 142  | 153827   | 8.501  | ng    | 98          |
| 45) 1,1'-Biphenyl           | 9.43  | 154  | 49163    | 2.379  | ng    | 97          |
| 48) Acenaphthylene          | 9.87  | 152  | 447713   | 17.590 | ng    | 100         |
| 49) Dimethylphthalate       | 9.72  | 163  | 132653   | 7.015  | ng    | 99          |
| 51) Acenaphthene            | 10.05 | 154  | 127032   | 8.405  | ng    | 99          |
| 54) Dibenzofuran            | 10.22 | 168  | 155867   | 7.221  | ng    | 99          |
| 57) Fluorene                | 10.56 | 166  | 262788   | 15.689 | ng    | 99          |
| 70) Phenanthrene            | 11.54 | 178  | 1338990  | 62.771 | ng    | 99          |
| 71) Anthracene              | 11.59 | 178  | 483289   | 22.307 | ng    | 99          |
| 72) Carbazole               | 11.74 | 167  | 107302   | 5.096  | ng    | 99          |
| 74) Fluoranthene            | 12.75 | 202  | 1732420  | 78.832 | ng    | 98          |
| 77) Pyrene                  | 12.97 | 202  | 1601505  | 84.929 | ng    | 99          |
| 80) Benzo(a)anthracene      | 14.16 | 228  | 1027057  | 63.190 | ng    | 97          |
| 82) Chrysene                | 14.19 | 228  | 797251   | 51.457 | ng    | 98          |
| 85) Indeno(1,2,3-cd)pyrene  | 17.30 | 276  | 423844   | 31.325 | ng    | # 92        |
| 87) Benzo(b)fluoranthene    | 15.26 | 252  | 1128398m | 77.870 | ng    |             |
| 88) Benzo(k)fluoranthene    | 15.28 | 252  | 284676m  | 20.437 | ng    |             |
| 89) Benzo(a)pyrene          | 15.65 | 252  | 788021   | 59.956 | ng    | 97          |
| 90) Dibenzo(a,h)anthracene  | 17.30 | 278  | 118282   | 10.393 | ng    | 96          |
| 91) Benzo(g,h,i)perylene    | 17.79 | 276  | 393639   | 35.554 | ng    | 98          |

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

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