

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\  
 Data File : BF099633.D  
 Acq On : 18 Oct 2017 22:38  
 Operator : SJ/JU  
 Sample : I5951-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 294-COMP

Manual Integrations  
 APPROVED

Sohil  
 10/19/2017 5:15:02 PM

Quant Time: Oct 19 00:47:47 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 18 22:24:53 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 97013    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.11  | 136  | 360292   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.86  | 164  | 127886   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.35 | 188  | 193410   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.00 | 240  | 184036   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.46 | 264  | 179335   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 486550   | 79.84  | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 559911   | 74.48  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 323697   | 57.62  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.65 | 330  | 77242    | 73.81  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 582742   | 76.07  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.93 | 244  | 420694   | 51.99  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.48  | 94   | 28997    | 3.449  | ng    | 92       |
| 14) 1,2-Dichlorobenzene     | 7.00  | 146  | 20728    | 3.051  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene  | 8.05  | 180  | 12074    | 2.429  | ng    | 92       |
| 31) Naphthalene             | 8.13  | 128  | 43303    | 2.559  | ng    | 97       |
| 48) Acenaphthylene          | 9.72  | 152  | 71426    | 5.654  | ng    | 98       |
| 70) Phenanthrene            | 11.37 | 178  | 239808   | 23.164 | ng    | 97       |
| 71) Anthracene              | 11.43 | 178  | 102977   | 9.721  | ng    | 97       |
| 74) Fluoranthene            | 12.57 | 202  | 751297   | 71.666 | ng    | 99       |
| 77) Pyrene                  | 12.80 | 202  | 696467   | 49.629 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.99 | 228  | 428246   | 38.429 | ng    | 94       |
| 82) Chrysene                | 14.02 | 228  | 326443   | 30.769 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.94 | 276  | 162338   | 19.128 | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 15.04 | 252  | 481948m  | 43.709 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.06 | 252  | 121254m  | 11.134 | ng    |          |
| 89) Benzo(a)pyrene          | 15.40 | 252  | 336133   | 33.210 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 16.94 | 278  | 44651m   | 5.512  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.39 | 276  | 143303   | 17.898 | ng    | 95       |

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

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