

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\  
 Data File : BF102423.D  
 Acq On : 25 Jan 2018 13:52  
 Operator : SJ/JU  
 Sample : J1256-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-OF-N-S-(EW4-8)

Manual Integrations  
 APPROVED

Sohil  
 1/25/2018 5:42:14 PM

Quant Time: Jan 25 15:44:36 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 25 13:44:56 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 129851   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 513666   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 204644   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 305038   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.88 | 240  | 240707   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.31 | 264  | 234998   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 891931   | 104.15 | ng    | 0.01     |
| 7) Phenol-d6                | 6.36  | 99   | 1069367  | 103.58 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 596249   | 66.71  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 151082   | 74.51  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1016783  | 73.06  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.83 | 244  | 715454   | 67.01  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.37  | 94   | 58389    | 5.180  | ng    | 97       |
| 49) Dimethylphthalate       | 9.47  | 163  | 191466   | 11.319 | ng    | 99       |
| 57) Fluorene                | 10.30 | 166  | 37778    | 2.722  | ng    | 99       |
| 70) Phenanthrene            | 11.26 | 178  | 330931   | 18.618 | ng    | 98       |
| 71) Anthracene              | 11.32 | 178  | 65059    | 3.586  | ng    | 97       |
| 72) Carbazole               | 11.47 | 167  | 38606    | 2.181  | ng    | 98       |
| 74) Fluoranthene            | 12.45 | 202  | 351196   | 19.375 | ng    | 98       |
| 77) Pyrene                  | 12.68 | 202  | 287068   | 15.425 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.87 | 228  | 124856   | 8.425  | ng    | 99       |
| 82) Chrysene                | 13.90 | 228  | 114511   | 7.609  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.70 | 276  | 44489    | 3.580  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 14.90 | 252  | 138302m  | 9.080  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.92 | 252  | 42248m   | 2.936  | ng    |          |
| 89) Benzo(a)pyrene          | 15.24 | 252  | 96532    | 7.027  | ng    | # 89     |
| 91) Benzo(a,h,i)perylene    | 17.12 | 276  | 44883    | 4.085  | ng    | 95       |

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

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