

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\  
 Data File : BF093164.D  
 Acq On : 25 Feb 2017 00:26  
 Operator : SJ/MA  
 Sample : I1957-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SRI-SB-3(8-10)20170221

Manual Integrations  
 APPROVED

mohammad  
 2/27/2017 1:07:44 PM

Quant Time: Feb 25 02:20:00 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 17:31:55 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 160160   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.12  | 136  | 624191   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.87  | 164  | 289094   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.36 | 188  | 538539   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 14.00 | 240  | 436819   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.43 | 264  | 300140   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 1055121  | 113.02 | ng    | -0.02    |
| 7) Phenol-d6                | 6.48  | 99   | 1490850  | 124.12 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 823602   | 73.48  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330  | 293386   | 140.32 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 1474433  | 92.40  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.95 | 244  | 1320903  | 71.05  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.49  | 94   | 74479    | 5.30   | ng    | # 65     |
| 49) Dimethylphthalate       | 9.60  | 163  | 239197   | 12.28  | ng    | 99       |
| 54) Dibenzofuran            | 10.08 | 168  | 48698    | 2.15   | ng    | # 96     |
| 57) Fluorene                | 10.42 | 166  | 66011    | 3.79   | ng    | 94       |
| 70) Phenanthrene            | 11.39 | 178  | 575127   | 18.64  | ng    | 97       |
| 71) Anthracene              | 11.44 | 178  | 90346    | 2.92   | ng    | 97       |
| 74) Fluoranthene            | 12.57 | 202  | 443218   | 13.93  | ng    | 95       |
| 77) Pyrene                  | 12.80 | 202  | 349718   | 10.70  | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.99 | 228  | 149451   | 5.59   | ng    | 99       |
| 82) Chrysene                | 14.03 | 228  | 110227   | 4.41   | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 15.03 | 252  | 99299m   | 5.03   | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.05 | 252  | 34869m   | 2.04   | ng    |          |
| 89) Benzo(a)pyrene          | 15.37 | 252  | 61422    | 3.59   | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 17.25 | 276  | 29984    | 2.15   | ng    | # 91     |

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

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