

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\  
 Data File : BF103887.D  
 Acq On : 23 Mar 2018 18:20  
 Operator : JU/SJ  
 Sample : J2009-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-1

Manual Integrations  
 APPROVED

Sohil  
 3/26/2018 4:33:15 PM

Quant Time: Mar 24 01:05:15 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  | 137011   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.26  | 136  | 493498   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.02 | 164  | 187508   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.51 | 188  | 302447   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.17 | 240  | 250557   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.71 | 264  | 184187   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 877748   | 97.44  | ng    | 0.01     |
| 7) Phenol-d6                | 6.60  | 99   | 1055853  | 95.81  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.54  | 82   | 595185   | 84.11  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.81 | 330  | 181998   | 112.89 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.33  | 172  | 929331   | 79.06  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.10 | 244  | 780805   | 72.33  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.61  | 94   | 25677    | 2.193  | ng    | 92       |
| 49) Dimethylphthalate       | 9.72  | 163  | 97782    | 6.835  | ng    | 99       |
| 70) Phenanthrene            | 11.53 | 178  | 79144    | 4.784  | ng    | 98       |
| 74) Fluoranthene            | 12.73 | 202  | 141223   | 8.285  | ng    | 95       |
| 77) Pyrene                  | 12.96 | 202  | 150572   | 8.183  | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.16 | 228  | 79634    | 5.021  | ng    | 97       |
| 82) Chrysene                | 14.19 | 228  | 77582    | 5.131  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.29 | 276  | 35041    | 2.654  | ng    | 93       |
| 87) Benzo(b)fluoranthene    | 15.25 | 252  | 78846m   | 6.776  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.27 | 252  | 23345m   | 2.087  | ng    |          |
| 89) Benzo(a)pyrene          | 15.64 | 252  | 59580    | 5.645  | ng    | # 88     |
| 91) Benzo(a,h,i)perylene    | 17.77 | 276  | 34822    | 3.917  | ng    | 94       |

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

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