

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\  
 Data File : BF098281.D  
 Acq On : 6 Sep 2017 19:14  
 Operator : SJ/JU  
 Sample : I5084-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP10-WC1

Manual Integrations  
 APPROVED

Sohil  
 9/7/2017 5:44:30 PM

Quant Time: Sep 07 05:23:07 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 17:28:20 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 102172   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.97  | 136  | 404273   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.73  | 164  | 177909   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.22 | 188  | 283975   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.85 | 240  | 203673   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.26 | 264  | 189911   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 672104   | 100.06 | ng    | 0.00     |
| 7) Phenol-d6                | 6.34  | 99   | 915017   | 100.26 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 552234   | 74.21  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 145514   | 94.27  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 705823   | 58.29  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.80 | 244  | 426330   | 43.65  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.00  | 128  | 48288    | 2.301  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.69  | 142  | 28820    | 2.240  | ng    | # 75     |
| 48) Acenaphthylene          | 9.59  | 152  | 56236    | 2.987  | ng    | 98       |
| 49) Dimethylphthalate       | 9.45  | 163  | 50098    | 3.852  | ng    | 97       |
| 51) Acenaphthene            | 9.76  | 154  | 63093    | 5.314  | ng    | 96       |
| 54) Dibenzofuran            | 9.93  | 168  | 41854    | 2.630  | ng    | # 97     |
| 57) Fluorene                | 10.27 | 166  | 78190    | 6.356  | ng    | 98       |
| 70) Phenanthrene            | 11.24 | 178  | 860066   | 56.837 | ng    | 99       |
| 71) Anthracene              | 11.29 | 178  | 236330   | 15.398 | ng    | 99       |
| 72) Carbazole               | 11.45 | 167  | 80809    | 5.547  | ng    | 97       |
| 74) Fluoranthene            | 12.43 | 202  | 1184119  | 74.970 | ng    | 99       |
| 77) Pyrene                  | 12.66 | 202  | 1143721  | 68.659 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.84 | 228  | 585614   | 47.974 | ng    | 98       |
| 82) Chrysene                | 13.88 | 228  | 545030   | 44.884 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.62 | 276  | 240154m  | 26.884 | ng    |          |
| 87) Benzo(b)fluoranthene    | 14.87 | 252  | 614700m  | 51.350 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.89 | 252  | 227680m  | 20.245 | ng    |          |
| 89) Benzo(a)pyrene          | 15.21 | 252  | 466799   | 44.049 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene  | 16.63 | 278  | 61749    | 7.157  | ng    | # 90     |
| 91) Benzo(a,h,i)perylene    | 17.03 | 276  | 221333   | 24.587 | ng    | 95       |

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

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