

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071117\  
 Data File : BF096674.D  
 Acq On : 12 Jul 2017 6:05  
 Operator : SJ/JU  
 Sample : I4130-10  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-HS1-ESW

Manual Integrations  
 APPROVED

mohammad  
 7/12/2017 4:58:05 PM

Quant Time: Jul 12 07:07:49 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 111520   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.97  | 136  | 435693   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.72  | 164  | 188756   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.20 | 188  | 242504   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.83 | 240  | 217690   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.23 | 264  | 147399   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 642283   | 85.01  | ng    | -0.01    |
| 7) Phenol-d6                | 6.33  | 99   | 920007   | 99.05  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 541107   | 74.63  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.50 | 330  | 84916    | 57.59  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 792861   | 71.82  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.78 | 244  | 501182   | 49.20  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 9) Benzaldehyde             | 6.23  | 77   | 137116   | 23.587 | ng    | 99       |
| 10) Phenol                  | 6.34  | 94   | 40879    | 3.863  | ng    | 96       |
| 22) Acetophenone            | 7.09  | 105  | 90913    | 9.550  | ng    | # 95     |
| 49) Dimethylphthalate       | 9.45  | 163  | 1162901  | 82.529 | ng    | 100      |
| 51) Acenaphthene            | 9.75  | 154  | 30156    | 2.562  | ng    | 97       |
| 57) Fluorene                | 10.26 | 166  | 27638    | 2.518  | ng    | # 97     |
| 70) Phenanthrene            | 11.22 | 178  | 395762   | 30.190 | ng    | 99       |
| 71) Anthracene              | 11.27 | 178  | 113595   | 8.503  | ng    | 98       |
| 72) Carbazole               | 11.42 | 167  | 41795    | 3.111  | ng    | 97       |
| 73) Di-n-butylphthalate     | 11.77 | 149  | 62502    | 3.841  | ng    | 99       |
| 74) Fluoranthene            | 12.41 | 202  | 627876   | 48.851 | ng    | 99       |
| 77) Pyrene                  | 12.63 | 202  | 549035   | 31.421 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.82 | 228  | 269576   | 21.385 | ng    | 99       |
| 82) Chrysene                | 13.86 | 228  | 238616   | 18.075 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.57 | 276  | 73668    | 7.070  | ng    | 93       |
| 87) Benzo(b)fluoranthene    | 14.84 | 252  | 246684m  | 26.709 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.86 | 252  | 57230m   | 6.927  | ng    |          |
| 89) Benzo(a)pyrene          | 15.17 | 252  | 153941   | 18.669 | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene  | 16.59 | 278  | 18678    | 2.879  | ng    | # 82     |
| 91) Benzo(g,h,i)perylene    | 16.98 | 276  | 67882    | 10.098 | ng    | 93       |

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

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