

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\  
 Data File : BF099402.D  
 Acq On : 12 Oct 2017 18:40  
 Operator : SJ/JU  
 Sample : I5729-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2N-(1-2)

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 3:05:41 PM

Quant Time: Oct 13 04:32:40 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 16:25:21 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 114217   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 461832   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 186008   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 269754   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.02 | 240  | 204186   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.49 | 264  | 182924   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 667663   | 93.06  | ng    | 0.01     |
| 7) Phenol-d6                | 6.49  | 99   | 812260   | 91.77  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 472054   | 65.55  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 131069   | 86.11  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.21  | 172  | 821475   | 73.73  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 520507   | 57.97  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.50  | 94   | 22377    | 2.261  | ng    | 93       |
| 31) Naphthalene             | 8.16  | 128  | 113027   | 5.211  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.85  | 142  | 84948    | 6.024  | ng    | 96       |
| 49) Dimethylphthalate       | 9.60  | 163  | 137107   | 9.766  | ng    | 99       |
| 54) Dibenzofuran            | 10.09 | 168  | 55312    | 3.569  | ng    | # 95     |
| 57) Fluorene                | 10.43 | 166  | 29937    | 2.403  | ng    | # 97     |
| 70) Phenanthrene            | 11.40 | 178  | 452288   | 31.324 | ng    | 99       |
| 71) Anthracene              | 11.45 | 178  | 93072    | 6.300  | ng    | 98       |
| 72) Carbazole               | 11.61 | 167  | 61268    | 4.235  | ng    | 99       |
| 74) Fluoranthene            | 12.59 | 202  | 633646   | 43.337 | ng    | 98       |
| 77) Pyrene                  | 12.82 | 202  | 638351   | 40.999 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.01 | 228  | 312644m  | 25.287 | ng    |          |
| 82) Chrysene                | 14.04 | 228  | 300591   | 25.536 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.97 | 276  | 120113   | 12.756 | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 15.06 | 252  | 358911m  | 31.912 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.09 | 252  | 117958m  | 10.619 | ng    |          |
| 89) Benzo(a)pyrene          | 15.43 | 252  | 216766   | 20.997 | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene  | 16.97 | 278  | 32729    | 3.961  | ng    | # 74     |
| 91) Benzo(a,h,i)perylene    | 17.43 | 276  | 109560   | 13.415 | ng    | 93       |

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

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