

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\  
 Data File : BF103114.D  
 Acq On : 20 Feb 2018 10:08  
 Operator : SJ/JU  
 Sample : J1600-08DL 2X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2 SB44 BOT-S 8DL

Manual Integrations  
 APPROVED

Sohil  
 2/21/2018 10:10:20 AM

Quant Time: Feb 20 13:36:17 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 14:34:49 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 167437   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 701148   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 314374   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.40 | 188  | 535228   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.05 | 240  | 291771   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 325130   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 575014 | 52.15 | ng | 0.00  |
| 7) Phenol-d6             | 6.50  | 99  | 695044 | 52.36 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 427155 | 42.26 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 140116 | 55.37 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 649783 | 34.30 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.99 | 244 | 509571 | 41.35 | ng | 0.00  |

## Target Compounds

|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 31) Naphthalene            | 8.18  | 128 | 140715  | 4.108  | ng | 97     |
| 48) Acenaphthylene         | 9.77  | 152 | 250444  | 7.735  | ng | 99     |
| 49) Dimethylphthalate      | 9.62  | 163 | 59541   | 2.429  | ng | # 99   |
| 54) Dibenzofuran           | 10.12 | 168 | 84228   | 3.087  | ng | 97     |
| 57) Fluorene               | 10.46 | 166 | 186701  | 9.404  | ng | 98     |
| 70) Phenanthrene           | 11.43 | 178 | 1252317 | 42.012 | ng | 99     |
| 71) Anthracene             | 11.48 | 178 | 490786  | 16.188 | ng | 99     |
| 72) Carbazole              | 11.63 | 167 | 77885   | 2.622  | ng | 98     |
| 74) Fluoranthene           | 12.63 | 202 | 1972746 | 65.778 | ng | 100    |
| 77) Pyrene                 | 12.86 | 202 | 1623841 | 70.974 | ng | 100    |
| 80) Benzo(a)anthracene     | 14.04 | 228 | 861367m | 46.942 | ng |        |
| 82) Chrysene               | 14.08 | 228 | 721214  | 38.990 | ng | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 17.06 | 276 | 485836  | 31.668 | ng | 96     |
| 87) Benzo(b)fluoranthene   | 15.11 | 252 | 944778m | 44.820 | ng |        |
| 88) Benzo(k)fluoranthene   | 15.13 | 252 | 347899m | 17.273 | ng |        |
| 89) Benzo(a)pyrene         | 15.49 | 252 | 702784  | 37.039 | ng | 97     |
| 90) Dibenzo(a,h)anthracene | 17.06 | 278 | 150946m | 9.801  | ng |        |
| 91) Benzo(g,h,i)perylene   | 17.52 | 276 | 460741  | 30.565 | ng | 97     |

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

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