

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\  
 Data File : BF107914.D  
 Acq On : 2 Aug 2018 17:28  
 Operator : JU/SJ  
 Sample : J4285-17 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KG-PIT-5

Manual Integrations  
 APPROVED

Sohil  
 8/3/2018 12:53:18 PM

Quant Time: Aug 02 18:08:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 30 17:48:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 110050   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.24  | 136  | 525672   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 194392   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.49 | 188  | 333932   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.15 | 240  | 356299   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.68 | 264  | 358494   | 20.00 | ng    | -0.01    |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 5) 2-Fluorophenol           | 5.75  | 112 | 29642m | 4.58 | ng | 0.15  |
| 7) Phenol-d6                | 6.67  | 99  | 64305m | 7.54 | ng | 0.06  |
| 23) Nitrobenzene-d5         | 7.56  | 82  | 46012m | 5.04 | ng | 0.02  |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330 | 14352m | 5.43 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.31  | 172 | 86011  | 6.17 | ng | -0.01 |
| 78) Terphenyl-d14           | 13.07 | 244 | 89564  | 5.45 | ng | -0.01 |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 31) Naphthalene            | 8.26  | 128 | 64987   | 2.660  | ng | 98   |
| 51) Acenaphthene           | 10.02 | 154 | 39664   | 3.301  | ng | 94   |
| 57) Fluorene               | 10.55 | 166 | 45153m  | 3.129  | ng |      |
| 70) Phenanthrene           | 11.51 | 178 | 615885  | 38.842 | ng | 99   |
| 71) Anthracene             | 11.57 | 178 | 208392  | 11.394 | ng | 98   |
| 72) Carbazole              | 11.75 | 167 | 69866   | 3.866  | ng | 100  |
| 74) Fluoranthene           | 12.71 | 202 | 926765  | 49.752 | ng | 96   |
| 77) Pyrene                 | 12.94 | 202 | 904612  | 35.259 | ng | 97   |
| 80) Benzo(a)anthracene     | 14.14 | 228 | 488925  | 24.224 | ng | 98   |
| 82) Chrysene               | 14.17 | 228 | 474454  | 21.794 | ng | 98   |
| 85) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 179514  | 10.841 | ng | # 87 |
| 87) Benzo(b)fluoranthene   | 15.22 | 252 | 430460m | 24.346 | ng |      |
| 88) Benzo(k)fluoranthene   | 15.24 | 252 | 263989m | 12.161 | ng |      |
| 89) Benzo(a)pyrene         | 15.61 | 252 | 378772  | 20.751 | ng | 98   |
| 90) Dibenzo(a,h)anthracene | 17.27 | 278 | 36998   | 2.324  | ng | 94   |
| 91) Benzo(g,h,i)perylene   | 17.74 | 276 | 179528  | 11.653 | ng | # 92 |

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

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