

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF052119\  
 Data File : BF114469.D  
 Acq On : 21 May 2019 21:09  
 Operator : JU/SJ  
 Sample : K2647-09 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-01-051719

Manual Integrations  
 APPROVED

Sohil  
 5/23/2019 8:15:51 AM

Quant Time: May 22 07:38:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 20 04:47:40 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 217596   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.11  | 136  | 854589   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.87  | 164  | 381930   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.35 | 188  | 627280   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 443935   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 357260   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 573940 | 42.45 | ng | -0.01 |
| 7) Phenol-d6                | 6.47  | 99  | 758545 | 47.43 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.39  | 82  | 445882 | 29.28 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330 | 139281 | 35.27 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.19  | 172 | 836382 | 33.13 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.93 | 244 | 623752 | 28.96 | ng | 0.00  |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 49) Acenaphthylene         | 9.73  | 152 | 156462  | 4.143  | ng | 97   |
| 50) Dimethylphthalate      | 9.58  | 163 | 121575  | 4.336  | ng | 99   |
| 52) Acenaphthene           | 9.90  | 154 | 58599   | 2.528  | ng | 97   |
| 55) Dibenzofuran           | 10.07 | 168 | 83328   | 2.452  | ng | 98   |
| 58) Fluorene               | 10.42 | 166 | 125045  | 4.764  | ng | 99   |
| 71) Phenanthrene           | 11.38 | 178 | 698465  | 22.887 | ng | 97   |
| 72) Anthracene             | 11.43 | 178 | 252669  | 8.243  | ng | 98   |
| 75) Fluoranthene           | 12.57 | 202 | 1194106 | 36.335 | ng | 99   |
| 78) Pyrene                 | 12.80 | 202 | 1095871 | 30.686 | ng | 99   |
| 81) Benzo(a)anthracene     | 13.99 | 228 | 591762  | 20.609 | ng | 96   |
| 83) Chrysene               | 14.02 | 228 | 519408  | 18.453 | ng | 96   |
| 86) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 200044  | 8.042  | ng | 96   |
| 88) Benzo(b)fluoranthene   | 15.04 | 252 | 697083m | 30.456 | ng |      |
| 89) Benzo(k)fluoranthene   | 15.07 | 252 | 160316m | 7.625  | ng |      |
| 90) Benzo(a)pyrene         | 15.41 | 252 | 420957  | 20.898 | ng | 97   |
| 91) Dibenzo(a,h)anthracene | 16.94 | 278 | 57241   | 3.420  | ng | # 84 |
| 92) Benzo(g,h,i)perylene   | 17.39 | 276 | 186447  | 11.115 | ng | 99   |

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

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