

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032219\  
 Data File : BF113244.D  
 Acq On : 22 Mar 2019 19:45  
 Operator : JU/SJ  
 Sample : K2024-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RCA-09

Manual Integrations  
 APPROVED

Sohil  
 3/25/2019 6:32:21 PM

Quant Time: Mar 23 00:45:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 169831   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.00  | 136  | 648950   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.75  | 164  | 300559   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.23 | 188  | 486771   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 13.86 | 240  | 399510   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.27 | 264  | 447256   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.33  | 112 | 576533  | 52.81 | ng | -0.01 |
| 7) Phenol-d6                | 6.36  | 99  | 1017138 | 74.16 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.27  | 82  | 706681  | 65.16 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.53 | 330 | 105398  | 33.03 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 9.07  | 172 | 1249276 | 64.66 | ng | -0.02 |
| 79) Terphenyl-d14           | 12.81 | 244 | 1071008 | 51.97 | ng | -0.01 |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 31) Naphthalene            | 8.02  | 128 | 119866  | 3.720  | ng | 98   |
| 50) Dimethylphthalate      | 9.46  | 163 | 102409  | 4.621  | ng | # 99 |
| 52) Acenaphthene           | 9.78  | 154 | 51718   | 2.721  | ng | 96   |
| 55) Dibenzofuran           | 9.95  | 168 | 63853   | 2.312  | ng | # 93 |
| 58) Fluorene               | 10.29 | 166 | 67651   | 3.451  | ng | 98   |
| 71) Phenanthrene           | 11.25 | 178 | 583608  | 24.097 | ng | 99   |
| 72) Anthracene             | 11.30 | 178 | 144005  | 5.680  | ng | 97   |
| 73) Carbazole              | 11.46 | 167 | 82547   | 3.338  | ng | 98   |
| 75) Fluoranthene           | 12.44 | 202 | 638359  | 24.602 | ng | 95   |
| 78) Pyrene                 | 12.66 | 202 | 539626  | 16.022 | ng | 99   |
| 81) Benzo(a)anthracene     | 13.85 | 228 | 259177  | 9.360  | ng | 100  |
| 83) Chrysene               | 13.89 | 228 | 238026  | 8.776  | ng | 97   |
| 86) Indeno(1,2,3-cd)pyrene | 16.63 | 276 | 119238  | 5.157  | ng | # 88 |
| 88) Benzo(b)fluoranthene   | 14.87 | 252 | 299312m | 10.346 | ng |      |
| 89) Benzo(k)fluoranthene   | 14.90 | 252 | 114643m | 4.375  | ng |      |
| 90) Benzo(a)pyrene         | 15.22 | 252 | 223532  | 8.736  | ng | 96   |
| 92) Benzo(g,h,i)perylene   | 17.04 | 276 | 104768  | 4.778  | ng | 96   |

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

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