

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\  
 Data File : BF120078.D  
 Acq On : 20 Apr 2020 15:29  
 Operator : MA/SJ  
 Sample : L2283-07DL 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 WB-1-2DL

Manual Integrations  
 APPROVED

mohammad  
 4/21/2020 2:54:40 PM

Quant Time: Apr 20 16:23:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 20 14:10:57 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 217897   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.00  | 136  | 787431   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 374003   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.25 | 188  | 726742   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.90 | 240  | 492285   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.33 | 264  | 453578   | 20.00 | ng    | 0.01     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.32  | 112 | 486316 | 38.57 | ng | 0.00  |
| 7) Phenol-d6                | 6.35  | 99  | 665738 | 40.98 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.28  | 82  | 424775 | 27.91 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330 | 157944 | 34.49 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.08  | 172 | 793627 | 30.13 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.84 | 244 | 780804 | 26.69 | ng | 0.00  |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 31) Naphthalene                | 8.03  | 128 | 1846218 | 44.563 | ng | 99   |
| 37) 2-Methylnaphthalene        | 8.72  | 142 | 474068  | 16.878 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.82  | 142 | 424057  | 16.018 | ng | 100  |
| 46) 1,1'-Biphenyl              | 9.18  | 154 | 85715   | 2.715  | ng | 97   |
| 49) Acenaphthylene             | 9.62  | 152 | 203191  | 5.494  | ng | # 91 |
| 50) Dimethylphthalate          | 9.48  | 163 | 121652  | 4.205  | ng | # 99 |
| 52) Acenaphthene               | 9.79  | 154 | 193007  | 7.823  | ng | 98   |
| 55) Dibenzofuran               | 9.96  | 168 | 251456  | 7.428  | ng | # 83 |
| 58) Fluorene                   | 10.31 | 166 | 433387  | 16.007 | ng | 98   |
| 71) Phenanthrene               | 11.28 | 178 | 1930956 | 49.924 | ng | 97   |
| 72) Anthracene                 | 11.33 | 178 | 614641  | 15.556 | ng | 98   |
| 73) Carbazole                  | 11.48 | 167 | 77564   | 2.076  | ng | # 88 |
| 75) Fluoranthene               | 12.48 | 202 | 1321964 | 31.677 | ng | 98   |
| 78) Pyrene                     | 12.70 | 202 | 1376824 | 33.176 | ng | 99   |
| 81) Benzo(a)anthracene         | 13.89 | 228 | 559788  | 17.285 | ng | 94   |
| 83) Chrysene                   | 13.92 | 228 | 482609m | 14.666 | ng |      |
| 84) Bis(2-ethylhexyl)phthalate | 13.88 | 149 | 72967   | 2.676  | ng | # 91 |
| 86) Indeno(1,2,3-cd)pyrene     | 16.72 | 276 | 165598  | 5.709  | ng | 97   |
| 88) Benzo(b)fluoranthene       | 14.93 | 252 | 496119m | 15.205 | ng |      |
| 89) Benzo(k)fluoranthene       | 14.95 | 252 | 129242m | 4.591  | ng |      |
| 90) Benzo(a)pyrene             | 15.27 | 252 | 358963  | 13.084 | ng | # 96 |
| 92) Benzo(g,h,i)perylene       | 17.13 | 276 | 144257  | 6.014  | ng | 97   |

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

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