

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\  
 Data File : BG044660.D  
 Acq On : 3 Mar 2020 10:41  
 Operator : CG/JU  
 Sample : L1743-08  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C-3

Manual Integrations  
 APPROVED

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Quant Time: Mar 03 18:37:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 24 16:11:23 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.81  | 152  | 83425    | 20.00   | ng    | -0.07    |
| 21) Naphthalene-d8             | 10.60 | 136  | 360668   | 20.00   | ng    | -0.07    |
| 39) Acenaphthene-d10           | 14.46 | 164  | 220409   | 20.00   | ng    | -0.06    |
| 64) Phenanthrene-d10           | 17.20 | 188  | 436454   | 20.00   | ng    | -0.06    |
| 76) Chrysene-d12               | 21.45 | 240  | 365319   | 20.00   | ng    | -0.05    |
| 87) Perylene-d12               | 24.48 | 264  | 432488   | 20.00   | ng    | -0.10    |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.38  | 112  | 503197   | 96.78   | ng    | -0.07    |
| 7) Phenol-d6                   | 6.98  | 99   | 662023   | 93.02   | ng    | -0.07    |
| 23) Nitrobenzene-d5            | 8.96  | 82   | 409991   | 58.56   | ng    | -0.07    |
| 42) 2,4,6-Tribromophenol       | 15.95 | 330  | 235109   | 75.23   | ng    | -0.06    |
| 45) 2-Fluorobiphenyl           | 13.08 | 172  | 880685   | 57.22   | ng    | -0.06    |
| 79) Terphenyl-d14              | 19.83 | 244  | 1113203  | 57.69   | ng    | -0.05    |
| Target Compounds               |       |      |          |         |       | Qvalue   |
| 31) Naphthalene                | 10.65 | 128  | 40801    | 2.073   | ng    | 97       |
| 38) 1-Methylnaphthalene        | 12.49 | 142  | 32406    | 2.345   | ng    | 98       |
| 49) Acenaphthylene             | 14.18 | 152  | 102351   | 4.848   | ng    | 99       |
| 50) Dimethylphthalate          | 13.91 | 163  | 99846    | 5.613   | ng    | 100      |
| 52) Acenaphthene               | 14.52 | 154  | 89007    | 6.613   | ng    | 98       |
| 55) Dibenzofuran               | 14.86 | 168  | 97814    | 4.741   | ng    | 95       |
| 58) Fluorene                   | 15.50 | 166  | 144908   | 8.858   | ng    | 100      |
| 71) Phenanthrene               | 17.25 | 178  | 2168815m | 89.755  | ng    |          |
| 72) Anthracene                 | 17.34 | 178  | 546988   | 22.970  | ng    | 100      |
| 73) Carbazole                  | 17.61 | 167  | 198141   | 9.141   | ng    | 98       |
| 75) Fluoranthene               | 19.27 | 202  | 3065426  | 107.165 | ng    | 79       |
| 78) Pvrene                     | 19.63 | 202  | 2868329  | 108.162 | ng    | # 81     |
| 80) Butylbenzylphthalate       | 20.52 | 149  | 98189    | 8.465   | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.43 | 228  | 1833680  | 71.417  | ng    | 92       |
| 83) Chrysene                   | 21.49 | 228  | 1773944m | 71.458  | ng    |          |
| 84) Bis(2-ethylhexyl)phthalate | 21.36 | 149  | 2512530  | 157.197 | ng    | # 81     |
| 86) Indeno(1,2,3-cd)pyrene     | 27.91 | 276  | 1246214  | 39.116  | ng    | 94       |
| 88) Benzo(b)fluoranthene       | 23.54 | 252  | 2500817  | 87.948  | ng    | # 94     |
| 89) Benzo(k)fluoranthene       | 23.58 | 252  | 804856m  | 29.172  | ng    |          |
| 90) Benzo(a)pyrene             | 24.35 | 252  | 1828472  | 68.440  | ng    | 96       |
| 91) Dibenz(a,h)anthracene      | 27.94 | 278  | 292949   | 11.087  | ng    | 94       |
| 92) Benzo(g,h,i)perylene       | 28.98 | 276  | 1181011  | 44.613  | ng    | 99       |

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

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