

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062923\  
 Data File : BG057910.D  
 Acq On : 29 Jun 2023 18:50  
 Operator : CG/JU  
 Sample : 03434-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT2665

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023  
 Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 30 03:43:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 01:12:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.911  | 152  | 51681    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.719 | 136  | 218047   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.550 | 164  | 150064   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.294 | 188  | 336333   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.548 | 240  | 282450   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.691 | 264  | 350794   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.490  | 112  | 353126   | 104.542 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.082  | 99   | 504494   | 99.878  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.074  | 82   | 279160   | 62.743  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.037 | 330  | 209997   | 83.317  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 638906   | 64.972  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.909 | 244  | 1000109  | 64.553  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene              | 17.335 | 178  | 286376   | 17.738  | ng    | 98       |
| 72) Anthracene                | 17.423 | 178  | 36360    | 2.184   | ng    | 98       |
| 73) Carbazole                 | 17.694 | 167  | 34122    | 2.155   | ng    | 97       |
| 75) Fluoranthene              | 19.350 | 202  | 705308   | 34.677  | ng    | 99       |
| 78) Pyrene                    | 19.709 | 202  | 608932   | 30.193  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.524 | 228  | 285761   | 14.620  | ng    | 100      |
| 83) Chrysene                  | 21.589 | 228  | 323851   | 17.504  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.436 | 149  | 164834   | 14.196  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.264 | 276  | 222256   | 9.564   | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 23.692 | 252  | 455896   | 23.828  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.757 | 252  | 141246m  | 7.304   | ng    |          |
| 90) Benzo(a)pyrene            | 24.544 | 252  | 292450   | 15.430  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.322 | 278  | 53008    | 2.750   | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 29.386 | 276  | 219693   | 11.467  | ng    | 98       |
| -----                         |        |      |          |         |       |          |

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

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