

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062823\  
 Data File : BG057899.D  
 Acq On : 28 Jun 2023 19:24  
 Operator : CG/JU  
 Sample : 03366-01DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB37DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023  
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 20:09:59 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   | 7.924  | 152  | 63331    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.726 | 136  | 262192   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.557 | 164  | 159772   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.307 | 188  | 334957   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.560 | 240  | 267460   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.721 | 264  | 251287   | 20.000 | ng    | 0.02     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.497  | 112  | 97941    | 23.661 | ng    | 0.00     |
| 7) Phenol-d6                | 7.083  | 99   | 139021   | 22.460 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.081  | 82   | 80424    | 15.033 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.043 | 330  | 52668    | 19.626 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.182 | 172  | 167109   | 15.961 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.915 | 244  | 205161   | 13.984 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 10.779 | 128  | 112479   | 8.037  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.383 | 142  | 26020    | 2.522  | ng    | 98       |
| 52) Acenaphthene            | 14.622 | 154  | 97501    | 11.388 | ng    | 99       |
| 55) Dibenzofuran            | 14.956 | 168  | 70584    | 4.806  | ng    | 99       |
| 58) Fluorene                | 15.603 | 166  | 93919    | 7.923  | ng    | 99       |
| 71) Phenanthrene            | 17.348 | 178  | 877911   | 54.600 | ng    | 100      |
| 72) Anthracene              | 17.436 | 178  | 243743   | 14.698 | ng    | 100      |
| 73) Carbazole               | 17.706 | 167  | 161803   | 10.262 | ng    | 99       |
| 75) Fluoranthene            | 19.363 | 202  | 1164956  | 57.511 | ng    | 96       |
| 78) Pyrene                  | 19.721 | 202  | 999700   | 52.347 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.543 | 228  | 642556   | 34.716 | ng    | 98       |
| 83) Chrysene                | 21.607 | 228  | 621432   | 35.470 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 28.306 | 276  | 145229   | 8.724  | ng    | # 76     |
| 88) Benzo(b)fluoranthene    | 23.723 | 252  | 563646   | 41.125 | ng    | 94       |
| 89) Benzo(k)fluoranthene    | 23.781 | 252  | 295293m  | 21.318 | ng    |          |
| 90) Benzo(a)pyrene          | 24.569 | 252  | 475882   | 35.051 | ng    | 95       |
| 91) Dibenzo(a,h)anthracene  | 28.382 | 278  | 38064    | 2.756  | ng    | # 78     |
| 92) Benzo(g,h,i)perylene    | 29.439 | 276  | 99788    | 7.271  | ng    | 93       |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062823\  
Data File : BG057899.D  
Acq On : 28 Jun 2023 19:24  
Operator : CG/JU  
Sample : 03366-01DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB37DL

Quant Time: Jun 28 20:09:59 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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/29/2023  
Supervised By :mohammad ahmed 06/29/2023

