

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050224\  
 Data File : BG061091.D  
 Acq On : 2 May 2024 13:21  
 Operator : MA/JU  
 Sample : P2330-13 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 G-2(0.5-1.5)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024  
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 02 14:10:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.934  | 152  | 29166    | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.731 | 136  | 116720   | 20.000 | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.562 | 164  | 85574    | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.312 | 188  | 185595   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.565 | 240  | 180506   | 20.000 | ng    | -0.03    |
| 86) Perylene-d12            | 24.697 | 264  | 188831   | 20.000 | ng    | #-0.03   |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.525  | 112  | 74186    | 51.730 | ng    | -0.02    |
| 7) Phenol-d6                | 7.106  | 99   | 102476   | 48.304 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 9.086  | 82   | 78030    | 33.140 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.054 | 330  | 77245    | 45.160 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.187 | 172  | 215274   | 37.199 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.926 | 244  | 372478   | 34.319 | ng    | -0.03    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 17.353 | 178  | 51985    | 6.126  | ng    | 97       |
| 75) Fluoranthene            | 19.368 | 202  | 140559   | 12.090 | ng    | 98       |
| 78) Pyrene                  | 19.726 | 202  | 138332   | 12.054 | ng    | 98       |
| 81) Benzo(a)anthracene      | 21.548 | 228  | 88482    | 7.491  | ng    | 97       |
| 83) Chrysene                | 21.613 | 228  | 87350m   | 7.893  | ng    |          |
| 87) Indeno(1,2,3-cd)pyrene  | 28.228 | 276  | 31030m   | 2.480  | ng    |          |
| 88) Benzo(b)fluoranthene    | 23.716 | 252  | 98435    | 9.329  | ng    | 97       |
| 89) Benzo(k)fluoranthene    | 23.763 | 252  | 42145m   | 4.152  | ng    |          |
| 90) Benzo(a)pyrene          | 24.550 | 252  | 68148    | 7.413  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene    | 29.350 | 276  | 26361m   | 2.560  | ng    |          |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050224\  
Data File : BG061091.D  
Acq On : 2 May 2024 13:21  
Operator : MA/JU  
Sample : P2330-13 2X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
G-2(0.5-1.5)

Quant Time: May 02 14:10:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 05:11:25 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/03/2024  
Supervised By :mohammad ahmed 05/06/2024

