

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050624\  
 Data File : BG061120.D  
 Acq On : 6 May 2024 14:46  
 Operator : MA/JU  
 Sample : P2390-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG-1

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024  
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 15:43:37 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   | 7.935  | 152  | 28925    | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.732 | 136  | 113356   | 20.000 | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.563 | 164  | 86829    | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.312 | 188  | 192104   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.572 | 240  | 191825   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.692 | 264  | 160802   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.526  | 112  | 102551   | 72.104 | ng    | -0.02    |
| 7) Phenol-d6                | 7.107  | 99   | 148777   | 70.712 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 9.092  | 82   | 112578   | 49.232 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.055 | 330  | 116377   | 67.054 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.188 | 172  | 301831   | 51.402 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.933 | 244  | 515516   | 44.696 | ng    | -0.02    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 17.353 | 178  | 38562    | 4.390  | ng    | 99       |
| 75) Fluoranthene            | 19.369 | 202  | 98345    | 8.173  | ng    | 96       |
| 78) Pyrene                  | 19.727 | 202  | 74407    | 6.101  | ng    | 97       |
| 81) Benzo(a)anthracene      | 21.548 | 228  | 36796    | 2.931  | ng    | # 90     |
| 83) Chrysene                | 21.613 | 228  | 47741    | 4.059  | ng    | # 95     |
| 88) Benzo(b)fluoranthene    | 23.711 | 252  | 46166    | 5.138  | ng    | # 93     |
| 89) Benzo(k)fluoranthene    | 23.764 | 252  | 27725m   | 3.207  | ng    |          |
| 90) Benzo(a)pyrene          | 24.545 | 252  | 25852    | 3.302  | ng    | # 94     |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050624\  
Data File : BG061120.D  
Acq On : 6 May 2024 14:46  
Operator : MA/JU  
Sample : P2390-02  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BG-1

Quant Time: May 06 15:43:37 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 :Jagrut Upadhyay 05/07/2024  
Supervised By :mohammad ahmed 05/08/2024

