

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020223\  
 Data File : BG056524.D  
 Acq On : 2 Feb 2023 21:37  
 Operator : CG/JU  
 Sample : 01386-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JPP-14-013123

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023  
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 05:59:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:15:52 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.279  | 152  | 42160    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.111 | 136  | 155810   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.895 | 164  | 111459   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.633 | 188  | 252931   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.928 | 240  | 241683   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.353 | 264  | 270347   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.799  | 112  | 269805   | 117.725 | ng    | 0.00     |
| 7) Phenol-d6                | 7.421  | 99   | 367012   | 108.080 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.454  | 82   | 194882   | 71.025  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.381 | 330  | 148225   | 100.032 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.520 | 172  | 612990   | 76.249  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.212 | 244  | 982921   | 71.431  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 17.680 | 178  | 194734   | 14.710  | ng    | 99       |
| 72) Anthracene              | 17.768 | 178  | 53850    | 3.963   | ng    | 99       |
| 75) Fluoranthene            | 19.671 | 202  | 727124   | 43.520  | ng    | 100      |
| 78) Pyrene                  | 20.030 | 202  | 789568   | 45.934  | ng    | 100      |
| 81) Benzo(a)anthracene      | 21.904 | 228  | 437108   | 25.870  | ng    | 99       |
| 83) Chrysene                | 21.975 | 228  | 378441   | 23.841  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 29.301 | 276  | 323662   | 16.355  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 24.260 | 252  | 582234   | 34.698  | ng    | 97       |
| 89) Benzo(k)fluoranthene    | 24.331 | 252  | 196296m  | 11.586  | ng    |          |
| 90) Benzo(a)pyrene          | 25.194 | 252  | 488189   | 29.534  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 29.331 | 278  | 81029    | 4.878   | ng    | # 95     |
| 92) Benzo(g,h,i)perylene    | 30.535 | 276  | 345782   | 21.573  | ng    | 98       |
| -----                       |        |      |          |         |       |          |

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

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