

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101422\  
 Data File : BG055180.D  
 Acq On : 14 Oct 2022 16:14  
 Operator : CG/JU  
 Sample : N5118-01DL 20X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-2-101222DL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 10/17/2022  
 Supervised By : mohammad ahmed 10/18/2022

Quant Time: Oct 14 17:10:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG101322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 13 05:14:13 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.306  | 152  | 54377    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.138 | 136  | 224577   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.916 | 164  | 139954   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.648 | 188  | 269478   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.937 | 240  | 249157   | 20.000 | ng    | 0.01     |
| 86) Perylene-d12            | 25.368 | 264  | 253542   | 20.000 | ng    | 0.03     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.827  | 112  | 9983     | 3.592  | ng    | 0.00     |
| 7) Phenol-d6                | 7.442  | 99   | 14133    | 3.438  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.481  | 82   | 9031     | 2.156  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.391 | 330  | 6617     | 3.290  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.541 | 172  | 24608    | 2.872  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.221 | 244  | 33085    | 2.674  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 11.191 | 128  | 28793    | 2.438  | ng    | 97       |
| 38) 1-Methylnaphthalene     | 12.983 | 142  | 18398    | 2.132  | ng    | 91       |
| 52) Acenaphthene            | 14.980 | 154  | 37926    | 4.647  | ng    | 96       |
| 55) Dibenzofuran            | 15.310 | 168  | 63359    | 4.975  | ng    | 98       |
| 58) Fluorene                | 15.956 | 166  | 91210    | 8.723  | ng    | 100      |
| 71) Phenanthrene            | 17.695 | 178  | 602109   | 43.076 | ng    | 100      |
| 72) Anthracene              | 17.783 | 178  | 163654   | 11.981 | ng    | 98       |
| 73) Carbazole               | 18.042 | 167  | 57926    | 4.554  | ng    | 98       |
| 75) Fluoranthene            | 19.681 | 202  | 666392   | 38.139 | ng    | 98       |
| 78) Pyrene                  | 20.039 | 202  | 527309   | 31.747 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.914 | 228  | 284324   | 17.835 | ng    | 99       |
| 83) Chrysene                | 21.984 | 228  | 237116   | 15.768 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 29.311 | 276  | 89551    | 4.768  | ng    | # 91     |
| 88) Benzo(b)fluoranthene    | 24.270 | 252  | 283952   | 18.790 | ng    | 98       |
| 89) Benzo(k)fluoranthene    | 24.340 | 252  | 130509m  | 8.596  | ng    |          |
| 90) Benzo(a)pyrene          | 25.204 | 252  | 207383   | 16.049 | ng    | 97       |
| 92) Benzo(g,h,i)perylene    | 30.539 | 276  | 70007    | 4.598  | ng    | 97       |
| -----                       |        |      |          |        |       |          |

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

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