

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080223\  
 Data File : BN026793.D  
 Acq On : 02 Aug 2023 11:40  
 Operator : MA/JU  
 Sample : 03775-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BUILDING-A-8-(0-5)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023  
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 00:44:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 00:35:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|-------|----------|
| -----                         |        |      |           |          |       |          |
| Internal Standards            |        |      |           |          |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.124  | 152  | 4816      | 0.400    | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.992 | 136  | 12162     | 0.400    | ng    | # 0.04   |
| 13) Acenaphthene-d10          | 14.758 | 164  | 441076    | 0.400    | ng    | # 0.01   |
| 19) Phenanthrene-d10          | 17.517 | 188  | 163087m   | 0.400    | ng    | 0.02     |
| 29) Chrysene-d12              | 21.632 | 240  | 856803m   | 0.400    | ng    | -0.04    |
| 35) Perylene-d12              | 24.466 | 264  | 993331m   | 0.400    | ng    | 0.23     |
|                               |        |      |           |          |       |          |
| System Monitoring Compounds   |        |      |           |          |       |          |
| 4) 2-Fluorophenol             | 5.639  | 112  | 13071     | 1.072    | ng    | 0.01     |
| 5) Phenol-d6                  | 7.243  | 99   | 3987      | 0.252    | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.315  | 82   | 4658      | 0.647    | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.502 | 152  | 46387     | 2.660    | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 16.276 | 330  | 1382      | 0.009    | ng    | 0.05     |
| 15) 2-Fluorobiphenyl          | 13.390 | 172  | 20264     | 0.011    | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.556 | 212  | 2602328   | 6.646    | ng    | 0.04     |
| 31) Terphenyl-d14             | 20.104 | 244  | 188412m   | 0.105    | ng    | 0.00     |
|                               |        |      |           |          |       |          |
| Target Compounds              |        |      |           |          |       | Qvalue   |
| 9) Naphthalene                | 11.013 | 128  | 77861762m | 2328.159 | ng    |          |
| 12) 2-Methylnaphthalene       | 12.668 | 142  | 52230643m | 2288.253 | ng    |          |
| 16) Acenaphthylene            | 14.512 | 152  | 43851944m | 20.112   | ng    |          |
| 17) Acenaphthene              | 14.844 | 154  | 10054396  | 7.351    | ng    | 98       |
| 18) Fluorene                  | 15.780 | 166  | 13346986  | 7.496    | ng    | # 67     |
| 25) Phenanthrene              | 17.579 | 178  | 80922668m | 163.378  | ng    |          |
| 26) Anthracene                | 17.741 | 178  | 33145921m | 74.895   | ng    |          |
| 28) Fluoranthene              | 19.639 | 202  | 40306618m | 73.084   | ng    |          |
| 30) Pyrene                    | 20.006 | 202  | 51456501m | 13.898   | ng    |          |
| 32) Benzo(a)anthracene        | 21.775 | 228  | 45977800m | 15.627   | ng    |          |
| 33) Chrysene                  | 21.874 | 228  | 22670219m | 6.970    | ng    |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.614 | 149  | 65843m    | 0.068    | ng    |          |
| 36) Indeno(1,2,3-cd)pyrene    | 27.396 | 276  | 41605386m | 10.265   | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.668 | 252  | 59055727m | 15.110   | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.847 | 252  | 21857484m | 5.443    | ng    |          |
| 39) Benzo(a)pyrene            | 24.393 | 252  | 54259577m | 15.224   | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 27.302 | 278  | 12657287m | 4.020    | ng    |          |
| 41) Benzo(g,h,i)perylene      | 28.308 | 276  | 45915938m | 12.321   | ng    |          |
| -----                         |        |      |           |          |       |          |

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

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