

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040121\  
 Data File : BN014176.D  
 Acq On : 01 Apr 2021 13:34  
 Operator : CG/JU  
 Sample : M1836-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 B1-0-2

Manual Integrations  
 APPROVED

mohammad

Quant Time: Apr 01 14:18:00 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 31 12:15:38 2021  
 Response via : Initial Calibration

4/2/2021 12:09:23 PM

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.692  | 152  | 5887     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.467 | 136  | 23071    | 0.40  | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.321 | 164  | 13440    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.068 | 188  | 27211    | 0.40  | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.250 | 240  | 27261    | 0.40  | ng    | # 0.00   |
| 36) Perylene-d12              | 23.469 | 264  | 30001    | 0.40  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.292  | 112  | 6309     | 0.42  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.855  | 99   | 7902     | 0.41  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.832  | 82   | 7153     | 0.46  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.057 | 152  | 13479    | 0.38  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.805 | 330  | 1919     | 0.44  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 17578    | 0.35  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.104 | 212  | 29266    | 0.41  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.700 | 244  | 24506    | 0.39  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.505 | 128  | 66149    | 1.16  | ng    | 97       |
| 12) 2-Methylnaphthalene       | 12.129 | 142  | 19155    | 0.51  | ng    | 100      |
| 16) Acenaphthylene            | 14.042 | 152  | 43217    | 0.84  | ng    | 98       |
| 17) Acenaphthene              | 14.384 | 154  | 30999    | 0.83  | ng    | 97       |
| 18) Fluorene                  | 15.374 | 166  | 36327    | 0.81  | ng    | # 96     |
| 25) Phenanthrene              | 17.104 | 178  | 489754   | 6.70  | ng    | 100      |
| 26) Anthracene                | 17.189 | 178  | 92352    | 1.50  | ng    | 97       |
| 28) Fluoranthene              | 19.134 | 202  | 979515   | 12.82 | ng    | 99       |
| 30) Pyrene                    | 19.491 | 202  | 1086784  | 12.22 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.229 | 228  | 670734   | 8.88  | ng    | 97       |
| 33) Chrysene                  | 21.282 | 228  | 580409   | 6.95  | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.165 | 149  | 26053    | 1.13  | ng    | 100      |
| 35) Indeno(1,2,3-cd)pyrene    | 25.690 | 276  | 436042   | 5.03  | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.805 | 252  | 831872   | 7.86  | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.846 | 252  | 261416m  | 2.53  | ng    |          |
| 39) Benzo(a)pyrene            | 23.369 | 252  | 622984   | 6.86  | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 25.700 | 278  | 116096   | 1.24  | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.378 | 276  | 465957   | 4.70  | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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