

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070621\  
 Data File : BN015339.D  
 Acq On : 06 Jul 2021 15:34  
 Operator : CG/JU  
 Sample : M2795-16 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

mohammad  
 7/7/2021 8:35:51 AM

Quant Time: Jul 06 16:04:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 09:06:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|-----------|--------|-------|----------|
| -----                         |        |      |           |        |       |          |
| Internal Standards            |        |      |           |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.735  | 152  | 23341     | 0.40   | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.496 | 136  | 110490    | 0.40   | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.345 | 164  | 73644     | 0.40   | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.103 | 188  | 124697    | 0.40   | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.344 | 240  | 47371m    | 0.40   | ng    | 0.04     |
| 35) Perylene-d12              | 23.601 | 264  | 117054m   | 0.40   | ng    | 0.05     |
|                               |        |      |           |        |       |          |
| System Monitoring Compounds   |        |      |           |        |       |          |
| 4) 2-Fluorophenol             | 5.365  | 112  | 10858     | 0.18   | ng    | 0.00     |
| 5) Phenol-d6                  | 6.905  | 99   | 14342     | 0.19   | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.873  | 82   | 16795     | 0.27   | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.087 | 152  | 38662     | 0.21   | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.842 | 330  | 5346m     | 0.39   | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.962 | 172  | 51553     | 0.17   | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.138 | 212  | 149765m   | 0.41   | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.748 | 244  | 119151    | 1.08   | ng    | 0.00     |
|                               |        |      |           |        |       |          |
| Target Compounds              |        |      |           |        |       | Qvalue   |
| 9) Naphthalene                | 10.546 | 128  | 4008522   | 12.65  | ng    | 97       |
| 12) 2-Methylnaphthalene       | 12.163 | 142  | 1364398   | 6.71   | ng    | # 88     |
| 16) Acenaphthylene            | 14.066 | 152  | 2384063   | 7.31   | ng    | 96       |
| 17) Acenaphthene              | 14.408 | 154  | 3099882   | 13.56  | ng    | 95       |
| 18) Fluorene                  | 15.398 | 166  | 3207569   | 11.52  | ng    | # 93     |
| 24) Pentachlorophenol         | 16.774 | 266  | 1083      | 0.32   | ng    | # 83     |
| 25) Phenanthrene              | 17.176 | 178  | 22731875  | 56.60  | ng    | 97       |
| 26) Anthracene                | 17.249 | 178  | 9227304   | 26.81  | ng    | # 91     |
| 28) Fluoranthene              | 19.227 | 202  | 24290908  | 56.27  | ng    | # 95     |
| 30) Pyrene                    | 19.594 | 202  | 22174892  | 123.03 | ng    | # 81     |
| 32) Benzo(a)anthracene        | 21.323 | 228  | 16017816  | 98.58  | ng    | # 95     |
| 33) Chrysene                  | 21.387 | 228  | 11138987m | 62.93  | ng    |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.238 | 149  | 70189     | 1.23   | ng    | # 85     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.877 | 276  | 4638881m  | 11.06  | ng    |          |
| 37) Benzo(b)fluoranthene      | 22.944 | 252  | 14255057  | 31.06  | ng    | # 95     |
| 38) Benzo(k)fluoranthene      | 22.978 | 252  | 5572987m  | 11.38  | ng    |          |
| 39) Benzo(a)pyrene            | 23.526 | 252  | 11157080m | 26.58  | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 25.877 | 278  | 1473054m  | 4.48   | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.572 | 276  | 3908515   | 10.76  | ng    | # 90     |
| -----                         |        |      |           |        |       |          |

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

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