

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072421\  
 Data File : BN015680.D  
 Acq On : 23 Jul 2021 22:45  
 Operator : CG/JU  
 Sample : M3143-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 STOCK-PILE-2

Manual Integrations  
 APPROVED

mohammad  
 7/26/2021 1:28:21 PM

Quant Time: Jul 24 00:22:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN072421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 23 14:45:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.744  | 152  | 13469    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.521 | 136  | 64117    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.370 | 164  | 36660    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.115 | 188  | 74111    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.312 | 240  | 69520    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.628 | 264  | 71188    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.356  | 112  | 12807    | 0.395 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.923  | 99   | 15022    | 0.395 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.886  | 82   | 16494    | 0.367 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.114 | 152  | 34893    | 0.365 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.867 | 330  | 5935     | 0.520 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.000 | 172  | 47017    | 0.315 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.157 | 212  | 70277    | 0.355 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.758 | 244  | 53916    | 0.326 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.572 | 128  | 25414    | 0.149 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.190 | 142  | 15879    | 0.145 | ng    | 100      |
| 16) Acenaphthylene            | 14.091 | 152  | 132790   | 0.867 | ng    | 99       |
| 17) Acenaphthene              | 14.434 | 154  | 50925    | 0.478 | ng    | 99       |
| 18) Fluorene                  | 15.423 | 166  | 74463    | 0.586 | ng    | 94       |
| 24) Pentachlorophenol         | 16.774 | 266  | 139      | 0.153 | ng    | 93       |
| 25) Phenanthrene              | 17.164 | 178  | 1066207  | 4.767 | ng    | 100      |
| 26) Anthracene                | 17.249 | 178  | 208698   | 1.123 | ng    | 98       |
| 28) Fluoranthene              | 19.187 | 202  | 1778515  | 7.367 | ng    | 99       |
| 30) Pyrene                    | 19.549 | 202  | 1722034  | 6.897 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.302 | 228  | 824808   | 3.786 | ng    | 95       |
| 33) Chrysene                  | 21.355 | 228  | 843243   | 3.494 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.238 | 149  | 59647    | 0.768 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.994 | 276  | 423022   | 1.640 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.933 | 252  | 1013110  | 3.784 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.975 | 252  | 354326m  | 1.322 | ng    |          |
| 39) Benzo(a)pyrene            | 23.526 | 252  | 754615   | 3.479 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.007 | 278  | 106878   | 0.527 | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 26.726 | 276  | 421683   | 1.786 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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