

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019311.D  
 Acq On : 02 Apr 2022 06:28  
 Operator : CG/JU  
 Sample : N2220-12 5X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A05015

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/04/2022  
 Supervised By : Jagrut Upadhyay 04/04/2022

Quant Time: Apr 04 06:03:02 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 12:41:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 903      | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.637 | 136  | 2777     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 1904     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 3727     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.395 | 240  | 3508     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.755 | 264  | 2479     | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 576      | 0.292 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 476      | 0.227 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 357      | 0.179 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 1259     | 0.286 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 186      | 0.209 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 1724     | 0.226 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.244 | 212  | 2730     | 0.244 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.839 | 244  | 1605     | 0.206 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.690 | 128  | 2394     | 0.297 | ng    | # 88     |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 49       | 0.026 | ng    | # 91     |
| 12) 2-Methylnaphthalene       | 12.306 | 142  | 1598     | 0.308 | ng    | # 93     |
| 16) Acenaphthylene            | 14.196 | 152  | 2601     | 0.297 | ng    | 97       |
| 17) Acenaphthene              | 14.527 | 154  | 1280     | 0.205 | ng    | 96       |
| 18) Fluorene                  | 15.521 | 166  | 1041     | 0.133 | ng    | # 94     |
| 22) Hexachlorobenzene         | 16.528 | 284  | 73       | 0.023 | ng    | # 92     |
| 25) Phenanthrene              | 17.256 | 178  | 24632    | 2.099 | ng    | 100      |
| 26) Anthracene                | 17.349 | 178  | 5160     | 0.532 | ng    | # 95     |
| 28) Fluoranthene              | 19.274 | 202  | 60706    | 4.337 | ng    | 99       |
| 30) Pyrene                    | 19.632 | 202  | 52821    | 3.048 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.386 | 228  | 25334    | 2.305 | ng    | 95       |
| 33) Chrysene                  | 21.431 | 228  | 28109    | 2.001 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 3053     | 0.416 | ng    | 94       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.188 | 276  | 11829    | 1.168 | ng    | # 86     |
| 37) Benzo(b)fluoranthene      | 23.042 | 252  | 33871    | 3.678 | ng    | # 90     |
| 38) Benzo(k)fluoranthene      | 23.080 | 252  | 12002m   | 1.208 | ng    |          |
| 39) Benzo(a)pyrene            | 23.650 | 252  | 18118m   | 2.165 | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 26.191 | 278  | 2357     | 0.319 | ng    | # 49     |
| 41) Benzo(g,h,i)perylene      | 26.927 | 276  | 12927    | 1.251 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

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

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