

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
 Data File : BN023007.D  
 Acq On : 01 Dec 2022 06:34  
 Operator : CG/JU  
 Sample : N5756-13  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT150S1-20221117

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/01/2022  
 Supervised By : Jagrut Upadhyay 12/01/2022

Quant Time: Dec 01 07:07:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 30 00:45:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.057  | 152  | 6419     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.872 | 136  | 17278    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.698 | 164  | 8353     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 15510    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.625 | 240  | 10040    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.109 | 264  | 7209     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.594  | 112  | 1594     | 0.096 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 1201     | 0.057 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 4182     | 0.312 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.458 | 152  | 6702     | 0.179 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 991      | 0.246 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 13594    | 0.356 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.469 | 212  | 11767    | 0.279 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 10562    | 0.448 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.442  | 88   | 1351     | 0.166 | ng    | # 87     |
| 9) Naphthalene                | 10.925 | 128  | 2122     | 0.040 | ng    | # 91     |
| 16) Acenaphthylene            | 14.410 | 152  | 1344     | 0.030 | ng    | 97       |
| 17) Acenaphthene              | 14.752 | 154  | 911      | 0.031 | ng    | 99       |
| 18) Fluorene                  | 15.739 | 166  | 1260     | 0.034 | ng    | 98       |
| 25) Phenanthrene              | 17.477 | 178  | 2590m    | 0.048 | ng    |          |
| 26) Anthracene                | 17.576 | 178  | 1683     | 0.036 | ng    | # 92     |
| 28) Fluoranthene              | 19.498 | 202  | 2488     | 0.043 | ng    | 97       |
| 30) Pyrene                    | 19.861 | 202  | 2544     | 0.049 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.607 | 228  | 1784     | 0.044 | ng    | 94       |
| 33) Chrysene                  | 21.661 | 228  | 1971     | 0.047 | ng    | 94       |
| 34) Bis(2-ethylhexyl)phtha... | 21.536 | 149  | 2209     | 0.136 | ng    | # 96     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.714 | 276  | 1318m    | 0.044 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.346 | 252  | 1698     | 0.053 | ng    | # 37     |
| 38) Benzo(k)fluoranthene      | 23.395 | 252  | 1385     | 0.040 | ng    | # 33     |
| 39) Benzo(a)pyrene            | 23.998 | 252  | 1016     | 0.041 | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 26.728 | 278  | 1070     | 0.045 | ng    | # 55     |
| 41) Benzo(g,h,i)perylene      | 27.506 | 276  | 1158     | 0.045 | ng    | # 67     |
| -----                         |        |      |          |       |       |          |

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

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