

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122921\  
 Data File : BN018275.D  
 Acq On : 30 Dec 2021 00:50  
 Operator : CG/JU  
 Sample : M5107-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OB-CS-03

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021  
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 30 02:24:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 16:08:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 25501    | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.419 | 136  | 107578   | 0.400  | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.269 | 164  | 73017    | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.005 | 188  | 125796   | 0.400  | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.249 | 240  | 44783m   | 0.400  | ng    | 0.05     |
| 35) Perylene-d12              | 23.515 | 264  | 37882m   | 0.400  | ng    | 0.09     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 235      | 0.005  | ng    | 0.03     |
| 5) Phenol-d6                  | 6.840  | 99   | 2548     | 0.052  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 24784    | 0.448  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.007 | 152  | 59444    | 0.328  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 325      | 0.313  | ng    | 0.03     |
| 15) 2-Fluorobiphenyl          | 12.886 | 172  | 94564    | 0.342  | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.048 | 212  | 70621    | 0.176  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.664 | 244  | 46931m   | 0.412  | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 9) Naphthalene                | 10.457 | 128  | 59278    | 0.223  | ng    | 98       |
| 12) 2-Methylnaphthalene       | 12.083 | 142  | 26617    | 0.156  | ng    | 97       |
| 17) Acenaphthene              | 14.320 | 154  | 9249     | 0.049  | ng    | 86       |
| 18) Fluorene                  | 15.309 | 166  | 11609    | 0.052  | ng    | # 74     |
| 25) Phenanthrene              | 17.042 | 178  | 324678m  | 0.979  | ng    |          |
| 26) Anthracene                | 17.139 | 178  | 31087    | 0.144  | ng    | # 55     |
| 28) Fluoranthene              | 19.078 | 202  | 178580   | 0.460  | ng    | 97       |
| 30) Pyrene                    | 19.445 | 202  | 136662m  | 0.778  | ng    |          |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 28870m   | 0.256  | ng    |          |
| 33) Chrysene                  | 21.281 | 228  | 82759m   | 0.574  | ng    |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149  | 3742253m | 66.946 | ng    |          |
| 36) Indeno(1,2,3-cd)pyrene    | 25.754 | 276  | 18075    | 0.200  | ng    | # 78     |
| 37) Benzo(b)fluoranthene      | 22.844 | 252  | 55066m   | 0.457  | ng    |          |
| 38) Benzo(k)fluoranthene      | 22.868 | 252  | 38621m   | 0.339  | ng    |          |
| 39) Benzo(a)pyrene            | 23.324 | 252  | 31726    | 0.303  | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 25.761 | 278  | 7337     | 0.114  | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 26.442 | 276  | 21986    | 0.244  | ng    | # 13     |
| -----                         |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122921\  
 Data File : BN018275.D  
 Acq On : 30 Dec 2021 00:50  
 Operator : CG/JU  
 Sample : M5107-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OB-CS-03

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021  
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 30 02:24:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 16:08:47 2021  
 Response via : Initial Calibration

