

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101023\  
 Data File : BN028227.D  
 Acq On : 11 Oct 2023 10:10  
 Operator : MA/JU  
 Sample : 04767-06 5X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 Q-4(0-5)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023  
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 10:58:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 3713     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.735 | 136  | 11830    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.566 | 164  | 6360     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.319 | 188  | 12668    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.515 | 240  | 11321    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.984 | 264  | 13719    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.466  | 112  | 552      | 0.050 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.091  | 99   | 635      | 0.045 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.123  | 82   | 553      | 0.055 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.321 | 152  | 803      | 0.046 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.065 | 330  | 135      | 0.046 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.187 | 172  | 1144     | 0.050 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.356 | 212  | 1481     | 0.047 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.941 | 244  | 1491     | 0.056 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.789 | 128  | 94554    | 3.093 | ng    | 98       |
| 12) 2-Methylnaphthalene       | 12.392 | 142  | 30713    | 1.436 | ng    | 98       |
| 16) Acenaphthylene            | 14.298 | 152  | 77867    | 2.764 | ng    | 100      |
| 17) Acenaphthene              | 14.630 | 154  | 15260    | 0.850 | ng    | 99       |
| 18) Fluorene                  | 15.606 | 166  | 29159    | 1.250 | ng    | 95       |
| 25) Phenanthrene              | 17.368 | 178  | 210186   | 6.154 | ng    | 99       |
| 26) Anthracene                | 17.455 | 178  | 76881    | 2.382 | ng    | 97       |
| 28) Fluoranthene              | 19.388 | 202  | 313204m  | 7.946 | ng    |          |
| 30) Pyrene                    | 19.755 | 202  | 310753   | 7.486 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.498 | 228  | 167012   | 4.335 | ng    | 95       |
| 33) Chrysene                  | 21.560 | 228  | 147096   | 3.962 | ng    | # 93     |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 2529     | 0.100 | ng    | # 56     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.577 | 276  | 89106    | 1.931 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.227 | 252  | 181923   | 4.106 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.268 | 252  | 62501m   | 1.391 | ng    |          |
| 39) Benzo(a)pyrene            | 23.876 | 252  | 148192   | 3.537 | ng    | 91       |
| 40) Dibenzo(a,h)anthracene    | 26.589 | 278  | 25119    | 0.665 | ng    | # 54     |
| 41) Benzo(g,h,i)perylene      | 27.399 | 276  | 89782    | 2.317 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

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