

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122822\  
 Data File : BN023520.D  
 Acq On : 28 Dec 2022 13:18  
 Operator : CG/JU  
 Sample : PB149884BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB149884BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/29/2022  
 Supervised By : Yogesh Patel 12/29/2022

Quant Time: Dec 29 04:02:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 29 04:01:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.977  | 152  | 4704     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.787 | 136  | 13506    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.624 | 164  | 7635     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.365 | 188  | 16343    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.554 | 240  | 9986     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.998 | 264  | 6913     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.522  | 112  | 4916     | 0.472 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.132  | 99   | 6051     | 0.473 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.142  | 82   | 4508     | 0.427 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.378 | 152  | 8214     | 0.417 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.111 | 330  | 1449     | 0.387 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.244 | 172  | 13889    | 0.459 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.401 | 212  | 15611    | 0.391 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.996 | 244  | 13843    | 0.595 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.369  | 88   | 2084     | 0.460 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.702  | 42   | 2355     | 0.431 | ng    | 93       |
| 6) bis(2-Chloroethyl)ether    | 7.392  | 93   | 5902     | 0.476 | ng    | 99       |
| 9) Naphthalene                | 10.840 | 128  | 15813    | 0.458 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.128 | 225  | 3273     | 0.471 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.454 | 142  | 11181    | 0.450 | ng    | 100      |
| 16) Acenaphthylene            | 14.346 | 152  | 13300    | 0.419 | ng    | 99       |
| 17) Acenaphthene              | 14.688 | 154  | 9659m    | 0.452 | ng    |          |
| 18) Fluorene                  | 15.671 | 166  | 13217    | 0.444 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.751 | 198  | 735      | 0.489 | ng    | 93       |
| 21) 4-Bromophenyl-phenylether | 16.558 | 248  | 4084     | 0.426 | ng    | # 80     |
| 22) Hexachlorobenzene         | 16.670 | 284  | 5360     | 0.464 | ng    | 99       |
| 23) Atrazine                  | 16.831 | 200  | 2694     | 0.364 | ng    | 96       |
| 24) Pentachlorophenol         | 17.017 | 266  | 1364     | 0.405 | ng    | 98       |
| 25) Phenanthrene              | 17.414 | 178  | 19980    | 0.429 | ng    | 100      |
| 26) Anthracene                | 17.501 | 178  | 15462    | 0.400 | ng    | 100      |
| 28) Fluoranthene              | 19.431 | 202  | 20800    | 0.398 | ng    | 100      |
| 30) Pyrene                    | 19.793 | 202  | 20491    | 0.550 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.545 | 228  | 14551    | 0.437 | ng    | 99       |
| 33) Chrysene                  | 21.598 | 228  | 15906    | 0.465 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.464 | 149  | 8435     | 0.412 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.541 | 276  | 11167    | 0.433 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.252 | 252  | 12378    | 0.466 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.299 | 252  | 11616    | 0.445 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.887 | 252  | 8772     | 0.433 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 26.565 | 278  | 8451     | 0.430 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.328 | 276  | 10170    | 0.447 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

