

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090924\  
 Data File : BN033834.D  
 Acq On : 10 Sep 2024 01:44  
 Operator : MA/JU  
 Sample : PB163220BS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB163220BS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024  
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 03:20:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 18:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.509  | 152  | 4903     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.261 | 136  | 12456    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.146 | 164  | 5653     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.892 | 188  | 10925    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.112 | 240  | 8576     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.262 | 264  | 8844     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.154  | 112  | 4588     | 0.306 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.700  | 99   | 5195     | 0.292 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.638  | 82   | 3796     | 0.358 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.862 | 152  | 7527     | 0.427 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.651 | 330  | 734      | 0.257 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.756 | 172  | 8885     | 0.377 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.938 | 212  | 9696     | 0.360 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.555 | 244  | 6770     | 0.370 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.161  | 88   | 1782     | 0.319 | ng    | # 38     |
| 3) n-Nitrosodimethylamine     | 3.450  | 42   | 2494     | 0.381 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 6.945  | 93   | 5038     | 0.376 | ng    | 100      |
| 9) Naphthalene                | 10.314 | 128  | 12255    | 0.368 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.613 | 225  | 2519     | 0.364 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.937 | 142  | 7520     | 0.369 | ng    | 98       |
| 16) Acenaphthylene            | 13.857 | 152  | 9310     | 0.381 | ng    | 100      |
| 17) Acenaphthene              | 14.210 | 154  | 6436     | 0.384 | ng    | 100      |
| 18) Fluorene                  | 15.204 | 166  | 7602     | 0.368 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.290 | 198  | 405      | 0.235 | ng    | 85       |
| 21) 4-Bromophenyl-phenylether | 16.098 | 248  | 2320     | 0.367 | ng    | # 82     |
| 22) Hexachlorobenzene         | 16.209 | 284  | 2699     | 0.372 | ng    | 97       |
| 23) Atrazine                  | 16.383 | 200  | 1849     | 0.366 | ng    | # 92     |
| 24) Pentachlorophenol         | 16.557 | 266  | 1585     | 0.534 | ng    | 99       |
| 25) Phenanthrene              | 16.942 | 178  | 11494    | 0.382 | ng    | 100      |
| 26) Anthracene                | 17.029 | 178  | 9974     | 0.381 | ng    | 99       |
| 28) Fluoranthene              | 18.970 | 202  | 12206    | 0.362 | ng    | 99       |
| 30) Pyrene                    | 19.333 | 202  | 12723    | 0.368 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.094 | 228  | 11449    | 0.374 | ng    | 99       |
| 33) Chrysene                  | 21.139 | 228  | 11789    | 0.389 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.050 | 149  | 5890     | 0.353 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.390 | 276  | 14870    | 0.407 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.622 | 252  | 12307    | 0.379 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.665 | 252  | 12884m   | 0.407 | ng    |          |
| 39) Benzo(a)pyrene            | 23.168 | 252  | 11371    | 0.419 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.408 | 278  | 11641    | 0.397 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.036 | 276  | 11971    | 0.377 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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