

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102423\  
 Data File : BN028388.D  
 Acq On : 24 Oct 2023 23:38  
 Operator : MA/JU  
 Sample : 04938-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A-2(0-2)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023  
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:07:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 15:14:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.871  | 152  | 4676     | 0.400   | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.682 | 136  | 15477    | 0.400   | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.523 | 164  | 10625    | 0.400   | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.281 | 188  | 12173    | 0.400   | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.488 | 240  | 17092    | 0.400   | ng    | # 0.00   |
| 35) Perylene-d12              | 23.931 | 264  | 15532    | 0.400   | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.415  | 112  | 3169     | 0.218   | ng    | -0.01    |
| 5) Phenol-d6                  | 7.040  | 99   | 4213     | 0.236   | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 9.070  | 82   | 3299     | 0.240   | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10   | 12.268 | 152  | 5311     | 0.228   | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 16.028 | 330  | 691      | 0.133   | ng    | -0.04    |
| 15) 2-Fluorobiphenyl          | 13.144 | 172  | 6778     | 0.181   | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.319 | 212  | 5126     | 0.157   | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.890 | 244  | 10937    | 0.301   | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 9) Naphthalene                | 10.735 | 128  | 1246988  | 31.062  | ng    | 97       |
| 12) 2-Methylnaphthalene       | 12.343 | 142  | 515816   | 18.081  | ng    | 100      |
| 16) Acenaphthylene            | 14.245 | 152  | 1965448  | 41.168  | ng    | 99       |
| 17) Acenaphthene              | 14.587 | 154  | 167591   | 5.571   | ng    | 96       |
| 18) Fluorene                  | 15.568 | 166  | 1794571  | 45.316  | ng    | 99       |
| 25) Phenanthrene              | 17.331 | 178  | 10826034 | 324.899 | ng    | 99       |
| 26) Anthracene                | 17.418 | 178  | 5416451  | 170.194 | ng    | 97       |
| 28) Fluoranthene              | 19.360 | 202  | 11318064 | 270.372 | ng    | 97       |
| 30) Pyrene                    | 19.727 | 202  | 9486482  | 162.202 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.471 | 228  | 6161749  | 101.480 | ng    | 96       |
| 33) Chrysene                  | 21.524 | 228  | 5086053  | 87.518  | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.336 | 149  | 20490    | 0.442   | ng    | # 96     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.513 | 276  | 2716001  | 43.373  | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.189 | 252  | 5728574  | 117.996 | ng    | # 89     |
| 38) Benzo(k)fluoranthene      | 23.230 | 252  | 2643334m | 53.523  | ng    |          |
| 39) Benzo(a)pyrene            | 23.835 | 252  | 4533792  | 93.877  | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.513 | 278  | 813577   | 16.004  | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.323 | 276  | 2404059  | 45.803  | ng    | 94       |
| -----                         |        |      |          |         |       |          |

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

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