

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012522\  
 Data File : BN018470.D  
 Acq On : 25 Jan 2022 21:36  
 Operator : CG/JU  
 Sample : N1245-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SB-2(2.5-3)

Quant Time: Jan 26 04:08:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN012422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 24 18:25:49 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/26/2022  
 Supervised By : Jagrut Upadhyay 01/26/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.956  | 152  | 33756    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.761 | 136  | 152462   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.573 | 164  | 84793    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.309 | 188  | 165452   | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.482 | 240  | 146134   | 0.400 | ng    | -0.01    |
| 35) Perylene-d12              | 23.885 | 264  | 144893   | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.531  | 112  | 22623    | 0.270 | ng    | 0.02     |
| 5) Phenol-d6                  | 7.107  | 99   | 25300    | 0.278 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.101  | 82   | 24144m   | 0.274 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.340 | 152  | 64533    | 0.252 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.056 | 330  | 6918     | 0.271 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.203 | 172  | 89221    | 0.293 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.331 | 212  | 125440   | 0.251 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.926 | 244  | 97866    | 0.215 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.799 | 128  | 120272   | 0.324 | ng    | 100      |
| 12) 2-Methylnaphthalene       | 12.411 | 142  | 50243    | 0.194 | ng    | 99       |
| 16) Acenaphthylene            | 14.294 | 152  | 34874    | 0.111 | ng    | # 96     |
| 17) Acenaphthene              | 14.636 | 154  | 131724   | 0.588 | ng    | 99       |
| 18) Fluorene                  | 15.613 | 166  | 170108m  | 0.632 | ng    |          |
| 25) Phenanthrene              | 17.346 | 178  | 2353382m | 5.359 | ng    |          |
| 26) Anthracene                | 17.431 | 178  | 518880   | 1.397 | ng    | # 91     |
| 28) Fluoranthene              | 19.360 | 202  | 2513809  | 5.239 | ng    | # 97     |
| 30) Pyrene                    | 19.723 | 202  | 2125370  | 3.408 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.461 | 228  | 1469045  | 3.174 | ng    | 98       |
| 33) Chrysene                  | 21.514 | 228  | 1240905  | 2.711 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.397 | 149  | 43057    | 0.118 | ng    | 95       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.383 | 276  | 525132   | 2.039 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.156 | 252  | 1544795  | 2.960 | ng    | # 96     |
| 38) Benzo(k)fluoranthene      | 23.197 | 252  | 542459m  | 1.181 | ng    |          |
| 39) Benzo(a)pyrene            | 23.778 | 252  | 1055479  | 2.763 | ng    | # 97     |
| 40) Dibenzo(a,h)anthracene    | 26.394 | 278  | 154704   | 0.818 | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 27.147 | 276  | 445066   | 1.698 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

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

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