

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080723\  
 Data File : BN026830.D  
 Acq On : 07 Aug 2023 14:38  
 Operator : MA/JU  
 Sample : 03840-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BUILDING-B-5-(5-10)

Quant Time: Aug 08 00:50:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 00:35:47 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.109  | 152  | 10784    | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.938 | 136  | 31210    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.737 | 164  | 18491    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.480 | 188  | 37496    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.659 | 240  | 27872    | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 24.218 | 264  | 26930    | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.618  | 112  | 4528     | 0.166 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.235  | 99   | 5555     | 0.157 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.294  | 82   | 3224     | 0.174 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.513 | 152  | 7098     | 0.159 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 16.226 | 330  | 1059     | 0.168 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.368 | 172  | 10991    | 0.146 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.500 | 212  | 13332    | 0.148 | ng    | -0.01    |
| 31) Terphenyl-d14             | 20.090 | 244  | 9837     | 0.169 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.991 | 128  | 16512    | 0.192 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.585 | 142  | 7600     | 0.130 | ng    | 98       |
| 16) Acenaphthylene            | 14.469 | 152  | 64814    | 0.709 | ng    | # 97     |
| 17) Acenaphthene              | 14.801 | 154  | 9082     | 0.158 | ng    | # 87     |
| 18) Fluorene                  | 15.779 | 166  | 53498    | 0.717 | ng    | # 94     |
| 25) Phenanthrene              | 17.530 | 178  | 439276   | 3.857 | ng    | 99       |
| 26) Anthracene                | 17.616 | 178  | 85880    | 0.844 | ng    | 99       |
| 28) Fluoranthene              | 19.532 | 202  | 221969   | 1.751 | ng    | 97       |
| 30) Pyrene                    | 19.895 | 202  | 350490   | 2.910 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.641 | 228  | 127280   | 1.330 | ng    | 94       |
| 33) Chrysene                  | 21.703 | 228  | 129363   | 1.223 | ng    | # 96     |
| 34) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 9203     | 0.290 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.913 | 276  | 42098    | 0.383 | ng    | 93       |
| 37) Benzo(b)fluoranthene      | 23.428 | 252  | 93694    | 0.884 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.475 | 252  | 28306m   | 0.260 | ng    |          |
| 39) Benzo(a)pyrene            | 24.101 | 252  | 94157    | 0.974 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.931 | 278  | 13512m   | 0.158 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 27.758 | 276  | 49821    | 0.493 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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