

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122921\  
 Data File : BN018265.D  
 Acq On : 29 Dec 2021 17:37  
 Operator : CG/JU  
 Sample : M5224-06 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SB-COMP

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021  
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 30 02:23:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 16:08:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 30340    | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.419 | 136  | 124276   | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.269 | 164  | 74760    | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.005 | 188  | 152833   | 0.400  | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.196 | 240  | 163019   | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 23.419 | 264  | 167499   | 0.400  | ng    | # 0.00   |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.254  | 112  | 3854     | 0.063  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.831  | 99   | 3806     | 0.065  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.797  | 82   | 3720     | 0.177  | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.007 | 152  | 13500    | 0.065  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.753 | 330  | 1436     | 0.341  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.898 | 172  | 20100    | 0.071  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.038 | 212  | 32095    | 0.066  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 30421    | 0.073  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 9) Naphthalene                | 10.457 | 128  | 1082081  | 3.521  | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.083 | 142  | 312884   | 1.589  | ng    | 99       |
| 16) Acenaphthylene            | 13.977 | 152  | 236930   | 0.901  | ng    | 97       |
| 17) Acenaphthene              | 14.319 | 154  | 422360   | 2.187  | ng    | 99       |
| 18) Fluorene                  | 15.309 | 166  | 500998m  | 2.203  | ng    |          |
| 24) Pentachlorophenol         | 16.665 | 266  | 600      | 0.220  | ng    | 97       |
| 25) Phenanthrene              | 17.042 | 178  | 6649479  | 16.504 | ng    | 99       |
| 26) Anthracene                | 17.127 | 178  | 1460353  | 3.961  | ng    | # 92     |
| 28) Fluoranthene              | 19.073 | 202  | 6950128  | 14.729 | ng    | 97       |
| 30) Pyrene                    | 19.430 | 202  | 6716284  | 10.506 | ng    | # 93     |
| 32) Benzo(a)anthracene        | 21.174 | 228  | 3514072  | 6.729  | ng    | 98       |
| 33) Chrysene                  | 21.227 | 228  | 3482064m | 6.635  | ng    |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.132 | 149  | 806762   | 3.965  | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.682 | 276  | 1475735  | 3.689  | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.755 | 252  | 3846940  | 7.227  | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.793 | 252  | 1275018m | 2.530  | ng    |          |
| 39) Benzo(a)pyrene            | 23.324 | 252  | 2808106  | 6.064  | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.689 | 278  | 363026   | 1.273  | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.373 | 276  | 1467030  | 3.676  | ng    | 99       |
| -----                         |        |      |          |        |       |          |

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

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