

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122921\  
 Data File : BN018282.D  
 Acq On : 30 Dec 2021 05:02  
 Operator : CG/JU  
 Sample : M5107-10  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OB-CS-10

Manual Integrations  
 APPROVED

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

Quant Time: Dec 30 05:37:40 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  | 29924    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.419 | 136  | 125504   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.269 | 164  | 80543    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.005 | 188  | 153344   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.206 | 240  | 84712    | 0.400 | ng    | # 0.01   |
| 35) Perylene-d12              | 23.440 | 264  | 91060    | 0.400 | ng    | # 0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 104      | 0.002 | ng    | 0.03     |
| 5) Phenol-d6                  | 6.840  | 99   | 1916     | 0.033 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 26777m   | 0.425 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.012 | 152  | 59471    | 0.282 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 228      | 0.310 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl          | 12.898 | 172  | 90371    | 0.296 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.038 | 212  | 116300   | 0.238 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 83689    | 0.389 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.470 | 128  | 17408    | 0.056 | ng    | 97       |
| 25) Phenanthrene              | 17.042 | 178  | 60070m   | 0.149 | ng    |          |
| 26) Anthracene                | 17.139 | 178  | 4099     | 0.054 | ng    | # 82     |
| 28) Fluoranthene              | 19.068 | 202  | 68774    | 0.145 | ng    | 98       |
| 30) Pyrene                    | 19.430 | 202  | 69378    | 0.209 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.185 | 228  | 15452    | 0.113 | ng    | # 1      |
| 33) Chrysene                  | 21.238 | 228  | 26515    | 0.097 | ng    | # 21     |
| 34) Bis(2-ethylhexyl)phtha... | 21.132 | 149  | 817081   | 7.727 | ng    | # 98     |
| 37) Benzo(b)fluoranthene      | 22.772 | 252  | 23262m   | 0.080 | ng    |          |
| -----                         |        |      |          |       |       |          |

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

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