

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120723\  
 Data File : BN029116.D  
 Acq On : 08 Dec 2023 07:30  
 Operator : MA/JU  
 Sample : 05611-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PE-2

Quant Time: Dec 08 07:59:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 00:49:47 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023  
 Supervised By :mohammad ahmed 12/08/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 878      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.552 | 136  | 1797     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.386 | 164  | 1156     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.147 | 188  | 2404     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.338 | 240  | 1424     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.658 | 264  | 1689     | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 427      | 0.215 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 497      | 0.209 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.939  | 82   | 466      | 0.215 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.136 | 152  | 688      | 0.182 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.893 | 330  | 180      | 0.141 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.028 | 172  | 1391     | 0.232 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.176 | 212  | 1327     | 0.176 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.785 | 244  | 889      | 0.247 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 17) Acenaphthene              | 14.450 | 154  | 148      | 0.037 | ng    | 90       |
| 18) Fluorene                  | 15.444 | 166  | 145      | 0.023 | ng    | # 91     |
| 25) Phenanthrene              | 17.184 | 178  | 2201     | 0.274 | ng    | 99       |
| 26) Anthracene                | 17.271 | 178  | 513      | 0.066 | ng    | # 90     |
| 28) Fluoranthene              | 19.209 | 202  | 4662     | 0.423 | ng    | # 99     |
| 30) Pyrene                    | 19.571 | 202  | 3844     | 0.435 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.329 | 228  | 1955     | 0.271 | ng    | 95       |
| 33) Chrysene                  | 21.374 | 228  | 1662     | 0.234 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.266 | 149  | 1172     | 0.263 | ng    | 96       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.023 | 276  | 1268     | 0.147 | ng    | # 93     |
| 37) Benzo(b)fluoranthene      | 22.959 | 252  | 2714     | 0.299 | ng    | # 76     |
| 38) Benzo(k)fluoranthene      | 23.000 | 252  | 1067m    | 0.126 | ng    |          |
| 39) Benzo(a)pyrene            | 23.553 | 252  | 1804     | 0.240 | ng    | # 74     |
| 41) Benzo(g,h,i)perylene      | 26.757 | 276  | 1241     | 0.171 | ng    | # 75     |

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

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