

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032224\  
 Data File : BN030460.D  
 Acq On : 21 Mar 2024 23:54  
 Operator : MA/JU  
 Sample : P1764-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMP-1

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024  
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 00:20:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN032224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 22 00:01:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 13632    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.509 | 136  | 36868    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.361 | 164  | 18047    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.106 | 188  | 37715    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.304 | 240  | 24598    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.557 | 264  | 20380    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 8922     | 0.265 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.886  | 99   | 12121    | 0.275 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 8374     | 0.295 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.102 | 152  | 14931    | 0.278 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.853 | 330  | 1522     | 0.232 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.982 | 172  | 24124    | 0.310 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.145 | 212  | 26001    | 0.276 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.754 | 244  | 17050    | 0.309 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 25) Phenanthrene              | 17.144 | 178  | 5616     | 0.047 | ng    | 97       |
| 28) Fluoranthene              | 19.173 | 202  | 13389    | 0.098 | ng    | # 97     |
| 30) Pyrene                    | 19.540 | 202  | 12634    | 0.103 | ng    | 96       |
| 32) Benzo(a)anthracene        | 21.286 | 228  | 6073     | 0.061 | ng    | 94       |
| 33) Chrysene                  | 21.340 | 228  | 6156     | 0.058 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.241 | 149  | 5686     | 0.135 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.841 | 276  | 3006     | 0.036 | ng    | # 80     |
| 37) Benzo(b)fluoranthene      | 22.882 | 252  | 7505     | 0.084 | ng    | # 75     |
| 38) Benzo(k)fluoranthene      | 22.926 | 252  | 3264m    | 0.037 | ng    |          |
| 39) Benzo(a)pyrene            | 23.458 | 252  | 4113     | 0.060 | ng    | # 66     |
| 41) Benzo(g,h,i)perylene      | 26.531 | 276  | 3404     | 0.047 | ng    | # 82     |
| -----                         |        |      |          |       |       |          |

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

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