

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022624\  
 Data File : BN030075.D  
 Acq On : 27 Feb 2024 02:38  
 Operator : MA/JU  
 Sample : P1578-05  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE115D1-20240222

Quant Time: Feb 27 03:05:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3358     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 8651     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.500 | 164  | 3763     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 7858     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.447 | 240  | 6652     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.812 | 264  | 6521     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.428  | 112  | 1356     | 0.168 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.031  | 99   | 720      | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.025  | 82   | 2898     | 0.402 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.246 | 152  | 4733     | 0.402 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 547      | 0.453 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.121 | 172  | 6663     | 0.412 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.285 | 212  | 9549     | 0.502 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.893 | 244  | 7406     | 0.449 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.348  | 88   | 24322    | 5.145 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.298  | 93   | 685      | 0.077 | ng    | 100      |
| 18) Fluorene                  | 15.555 | 166  | 532      | 0.035 | ng    | 97       |
| 25) Phenanthrene              | 17.293 | 178  | 3281     | 0.141 | ng    | 98       |
| 26) Anthracene                | 17.392 | 178  | 2779     | 0.140 | ng    | 98       |
| 28) Fluoranthene              | 19.313 | 202  | 10282    | 0.393 | ng    | 99       |
| 30) Pyrene                    | 19.680 | 202  | 9884     | 0.323 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.438 | 228  | 8614     | 0.379 | ng    | 100      |
| 33) Chrysene                  | 21.483 | 228  | 12276    | 0.475 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.375 | 149  | 1093     | 0.071 | ng    | # 96     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.259 | 276  | 11837    | 0.452 | ng    | # 80     |
| 37) Benzo(b)fluoranthene      | 23.092 | 252  | 11333    | 0.486 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.142 | 252  | 11640    | 0.477 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.706 | 252  | 6983     | 0.344 | ng    | # 90     |
| 40) Dibenzo(a,h)anthracene    | 26.285 | 278  | 9471     | 0.454 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.987 | 276  | 10889    | 0.428 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

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