

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041224\  
 Data File : BN030873.D  
 Acq On : 12 Apr 2024 22:46  
 Operator : MA/JU  
 Sample : P1908-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-BN-WP

Quant Time: Apr 13 00:34:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 12 15:55:57 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024  
 Supervised By :mohammad ahmed 04/17/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.675  | 152  | 6128     | 0.400   | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.453 | 136  | 18977    | 0.400   | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.306 | 164  | 10016    | 0.400   | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.065 | 188  | 23392    | 0.400   | ng    | 0.00     |
| 29) Chrysene-d12              | 21.258 | 240  | 21109    | 0.400   | ng    | # 0.00   |
| 35) Perylene-d12              | 23.486 | 264  | 18738    | 0.400   | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.270  | 112  | 2171205  | 147.705 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.852  | 99   | 2876086  | 161.500 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.830  | 82   | 1500673  | 110.758 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.043 | 152  | 2        | 0.000   | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.812 | 330  | 684808   | 168.824 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.937 | 172  | 2856376  | 80.456  | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.135 | 212  | 176      | 0.003   | ng    | 0.04     |
| 31) Terphenyl-d14             | 19.707 | 244  | 3614658  | 75.312  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.104  | 93   | 966963   | 58.168  | ng    | 97       |
| 9) Naphthalene                | 10.496 | 128  | 2740276  | 52.208  | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.784 | 225  | 804898   | 76.801  | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.119 | 142  | 1954103  | 56.911  | ng    | 98       |
| 16) Acenaphthylene            | 14.028 | 152  | 3823777  | 87.374  | ng    | 99       |
| 17) Acenaphthene              | 14.370 | 154  | 1057593  | 34.205  | ng    | 96       |
| 18) Fluorene                  | 15.364 | 166  | 3962999  | 97.496  | ng    | 97       |
| 22) Hexachlorobenzene         | 16.358 | 284  | 884821   | 55.135  | ng    | 99       |
| 25) Phenanthrene              | 17.102 | 178  | 4344138  | 63.463  | ng    | 99       |
| 26) Anthracene                | 17.202 | 178  | 5202309  | 90.928  | ng    | 99       |
| 28) Fluoranthene              | 19.140 | 202  | 8071716  | 95.260  | ng    | 98       |
| 30) Pyrene                    | 19.498 | 202  | 5466850  | 68.883  | ng    | 98       |
| 33) Chrysene                  | 21.294 | 228  | 3636317  | 46.373  | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.178 | 149  | 4873380  | 152.620 | ng    | 96       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.779 | 276  | 9152652m | 124.888 | ng    |          |
| 37) Benzo(b)fluoranthene      | 22.834 | 252  | 7936779  | 95.643  | ng    | # 94     |
| 38) Benzo(k)fluoranthene      | 22.869 | 252  | 2579607  | 32.965  | ng    | # 95     |
| 39) Benzo(a)pyrene            | 23.396 | 252  | 4421328  | 69.202  | ng    | # 89     |
| 40) Dibenzo(a,h)anthracene    | 25.781 | 278  | 2300898  | 39.526  | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.430 | 276  | 1832205  | 29.058  | ng    | 97       |
| -----                         |        |      |          |         |       |          |

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

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