

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022624\  
 Data File : BF137397.D  
 Acq On : 26 Feb 2024 21:01  
 Operator : CG\JU  
 Sample : P1573-01 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-07-022224

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 27 00:43:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 24 04:23:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 156322   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.063  | 136  | 571148   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 263570   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 408781   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 13.968 | 240  | 372633   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.451 | 264  | 326656   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 158280   | 15.624  | ng    | -0.02    |
| 7) Phenol-d6                  | 6.416  | 99   | 193260   | 12.968  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.339  | 82   | 115778   | 10.120  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 25043    | 10.911  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 220351   | 13.016  | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.904 | 244  | 229608   | 8.618   | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 31) Naphthalene               | 8.081  | 128  | 703201   | 22.942  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 219496   | 11.113  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.869  | 142  | 183452   | 9.824   | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 49926    | 2.601   | ng    | 96       |
| 49) Acenaphthylene            | 9.675  | 152  | 158438   | 6.727   | ng    | 98       |
| 52) Acenaphthene              | 9.845  | 154  | 166507   | 11.842  | ng    | 100      |
| 55) Dibenzofuran              | 10.022 | 168  | 226489   | 10.422  | ng    | 98       |
| 58) Fluorene                  | 10.363 | 166  | 419263   | 25.264  | ng    | 99       |
| 71) Phenanthrene              | 11.339 | 178  | 2531308  | 112.238 | ng    | 100      |
| 72) Anthracene                | 11.386 | 178  | 665372   | 28.628  | ng    | 99       |
| 73) Carbazole                 | 11.545 | 167  | 278641   | 14.032  | ng    | 98       |
| 75) Fluoranthene              | 12.533 | 202  | 2705997  | 122.918 | ng    | 99       |
| 78) Pyrene                    | 12.763 | 202  | 2536069  | 71.975  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.957 | 228  | 1378005  | 53.292  | ng    | 96       |
| 83) Chrysene                  | 13.992 | 228  | 1200047  | 45.431  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149  | 6978     | 5.298   | ng    | # 97     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 417897   | 19.626  | ng    | 93       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1423357m | 71.030  | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 418579m  | 19.930  | ng    |          |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 946037   | 49.772  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.962 | 278  | 93815    | 6.429   | ng    | # 90     |
| 92) Benzo(g,h,i)perylene      | 17.398 | 276  | 414547   | 22.773  | ng    | 97       |
| -----                         |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022624\  
Data File : BF137397.D  
Acq On : 26 Feb 2024 21:01  
Operator : CG\JU  
Sample : P1573-01 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-07-022224

Quant Time: Feb 27 00:43:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 24 04:23:49 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

