

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
 Data File : BP019928.D  
 Acq On : 28 Feb 2024 21:43  
 Operator : MA/JU  
 Sample : P1602-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024  
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 00:37:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 02:05:05 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.899  | 152  | 123157   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 462816   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.545 | 164  | 292179   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.310 | 188  | 529618   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.422 | 240  | 460163   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 23.857 | 264  | 555323   | 20.000  | ng    | 0.02     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 487264   | 64.940  | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 668780   | 59.866  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 447999   | 39.079  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.051 | 330  | 306433   | 61.166  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 986879   | 45.636  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.880 | 244  | 1145037  | 39.220  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.752 | 128  | 282921   | 11.417  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.369 | 142  | 87180    | 4.532   | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.587 | 142  | 74614    | 4.099   | ng    | 95       |
| 52) Acenaphthene            | 14.610 | 154  | 202362   | 12.811  | ng    | 99       |
| 55) Dibenzofuran            | 14.951 | 168  | 233103   | 8.647   | ng    | 98       |
| 58) Fluorene                | 15.598 | 166  | 340368   | 15.568  | ng    | 99       |
| 71) Phenanthrene            | 17.363 | 178  | 3017890  | 106.755 | ng    | 100      |
| 72) Anthracene              | 17.451 | 178  | 828362   | 28.705  | ng    | 99       |
| 73) Carbazole               | 17.728 | 167  | 227235   | 8.891   | ng    | 99       |
| 75) Fluoranthene            | 19.333 | 202  | 3379225  | 92.108  | ng    | 98       |
| 78) Pyrene                  | 19.686 | 202  | 2567436  | 81.207  | ng    | 100      |
| 81) Benzo(a)anthracene      | 21.404 | 228  | 1478258  | 45.256  | ng    | 98       |
| 83) Chrysene                | 21.457 | 228  | 1176157  | 38.427  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 26.415 | 276  | 728560   | 18.636  | ng    | # 96     |
| 88) Benzo(b)fluoranthene    | 23.121 | 252  | 1521506  | 44.689  | ng    | 98       |
| 89) Benzo(k)fluoranthene    | 23.163 | 252  | 566897m  | 16.978  | ng    |          |
| 90) Benzo(a)pyrene          | 23.751 | 252  | 1115825  | 34.294  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 26.421 | 278  | 198706   | 6.046   | ng    | # 83     |
| 92) Benzo(g,h,i)perylene    | 27.204 | 276  | 654589   | 20.632  | ng    | 95       |
| -----                       |        |      |          |         |       |          |

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

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