

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011223\  
 Data File : BF132040.D  
 Acq On : 12 Jan 2023 14:17  
 Operator : CG\JU  
 Sample : 01080-05DL2 100X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023  
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 12 15:13:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 15:02:29 2023  
 Response via : Initial Calibration

01/13/2023  
 Supervised By :mohammad  
 ahmed

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 76563    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 279575   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 168084   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 323092   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.957 | 240  | 153615   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.415 | 264  | 156596   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 4097     | 0.882   | ng    | 0.02     |
| 7) Phenol-d6                | 6.428  | 99   | 6049     | 0.982   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.339  | 82   | 3978     | 0.591   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 877      | 0.454   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 6875     | 0.552   | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.898 | 244  | 6497     | 0.606   | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.092  | 128  | 1659423  | 112.314 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.775  | 142  | 106894   | 10.074  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.874  | 142  | 73466    | 7.473   | ng    | 96       |
| 49) Acenaphthylene          | 9.680  | 152  | 52646    | 3.369   | ng    | 98       |
| 55) Dibenzofuran            | 10.021 | 168  | 63539    | 4.298   | ng    | 97       |
| 58) Fluorene                | 10.369 | 166  | 62178    | 5.265   | ng    | 98       |
| 71) Phenanthrene            | 11.333 | 178  | 335386   | 19.913  | ng    | 100      |
| 72) Anthracene              | 11.386 | 178  | 80779    | 4.659   | ng    | 98       |
| 75) Fluoranthene            | 12.527 | 202  | 248220   | 13.104  | ng    | 99       |
| 78) Pyrene                  | 12.757 | 202  | 221345   | 15.798  | ng    | 98       |
| 81) Benzo(a)anthracene      | 13.945 | 228  | 50095    | 4.482   | ng    | 95       |
| 83) Chrysene                | 13.980 | 228  | 41397    | 3.963   | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.868 | 276  | 24392    | 2.540   | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 14.992 | 252  | 45607m   | 4.246   | ng    |          |
| 90) Benzo(a)pyrene          | 15.351 | 252  | 35508    | 3.669   | ng    | # 93     |
| 92) Benzo(g,h,i)perylene    | 17.303 | 276  | 23860    | 6.089   | ng    | 98       |

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

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