

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092321\  
 Data File : BF125611.D  
 Acq On : 24 Sep 2021 1:33  
 Operator : JU/CG  
 Sample : M3730-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FLOOR

Manual Integrations  
 APPROVED

mohammad  
 9/24/2021 5:30:21 PM

Quant Time: Sep 24 04:20:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 213745   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.180  | 136  | 860664   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.933  | 164  | 386646   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.439 | 188  | 361898   | 20.000  | ng    | # 0.02   |
| 76) Chrysene-d12            | 14.109 | 240  | 294081   | 20.000  | ng    | # 0.05   |
| 86) Perylene-d12            | 15.580 | 264  | 448760   | 20.000  | ng    | 0.04     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 1256593  | 92.967  | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 1658223  | 95.151  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 1009599  | 74.819  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330  | 289592   | 76.469  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 1906569  | 89.925  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.051 | 244  | 976655   | 53.629  | ng    | 0.04     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 10) Phenol                  | 6.528  | 94   | 396172   | 22.334  | ng    | 87       |
| 20) 3+4-Methylphenols       | 7.286  | 107  | 106298   | 6.939   | ng    | # 80     |
| 31) Naphthalene             | 8.210  | 128  | 5158643  | 116.707 | ng    | # 88     |
| 32) Benzoic acid            | 7.886  | 122  | 75965m   | 9.695   | ng    |          |
| 37) 2-Methylnaphthalene     | 8.892  | 142  | 1762175  | 58.859  | ng    | 97       |
| 38) 1-Methylnaphthalene     | 8.992  | 142  | 1052544  | 37.469  | ng    | 99       |
| 46) 1,1'-Biphenyl           | 9.351  | 154  | 549175   | 18.851  | ng    | 99       |
| 52) Acenaphthene            | 9.969  | 154  | 578099   | 25.753  | ng    | 93       |
| 55) Dibenzofuran            | 10.145 | 168  | 2444322  | 73.378  | ng    | 98       |
| 58) Fluorene                | 10.486 | 166  | 334844   | 13.070  | ng    | # 92     |
| 71) Phenanthrene            | 11.486 | 178  | 6509144  | 320.199 | ng    | # 88     |
| 72) Anthracene              | 11.521 | 178  | 181034m  | 8.934   | ng    |          |
| 73) Carbazole               | 11.668 | 167  | 803632   | 41.932  | ng    | # 94     |
| 75) Fluoranthene            | 12.698 | 202  | 4268955  | 214.052 | ng    | 94       |
| 78) Pyrene                  | 12.927 | 202  | 2907089  | 105.486 | ng    | 94       |
| 81) Benzo(a)anthracene      | 14.104 | 228  | 1001641  | 50.035  | ng    | 95       |
| 83) Chrysene                | 14.139 | 228  | 1165202  | 57.620  | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.056 | 276  | 162280   | 5.037   | ng    | 93       |
| 88) Benzo(b)fluoranthene    | 15.151 | 252  | 1141704m | 34.787  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.174 | 252  | 262710m  | 8.752   | ng    |          |
| 90) Benzo(a)pyrene          | 15.515 | 252  | 109457   | 3.832   | ng    | # 60     |
| 92) Benzo(g,h,i)perylene    | 17.497 | 276  | 116732   | 4.332   | ng    | 97       |
| -----                       |        |      |          |         |       |          |

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

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