

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092023\  
 Data File : BF135368.D  
 Acq On : 20 Sep 2023 20:50  
 Operator : CG\JU  
 Sample : 04304-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023  
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 01:54:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.757  | 152  | 124694   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.033  | 136  | 434227   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.792  | 164  | 181535   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.292 | 188  | 252901   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.945 | 240  | 238397   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.409 | 264  | 217121   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 845372   | 110.266 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.404  | 99   | 1074735  | 110.245 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.322  | 82   | 664611   | 83.154  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 152689   | 84.638  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.116  | 172  | 974656   | 81.003  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.886 | 244  | 753264   | 48.981  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene              | 11.316 | 178  | 46862    | 3.918   | ng    | # 90     |
| 75) Fluoranthene              | 12.510 | 202  | 103055   | 8.269   | ng    | 98       |
| 78) Pyrene                    | 12.739 | 202  | 95436    | 4.205   | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 63089    | 4.098   | ng    | 96       |
| 83) Chrysene                  | 13.968 | 228  | 54970    | 3.592   | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.927 | 149  | 19577    | 2.387   | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 28523    | 2.004   | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 76082m   | 6.473   | ng    |          |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 48544    | 4.331   | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 27424    | 2.254   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

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

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