

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101323\  
 Data File : BF135762.D  
 Acq On : 13 Oct 2023 20:11  
 Operator : CG\JU  
 Sample : 04837-09  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-COMP

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023  
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 13 23:38:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 13 17:12:59 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.734  | 152  | 121169   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 440196   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 209414   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.269 | 188  | 345859   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.933 | 240  | 231373   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.410 | 264  | 258397   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 654379   | 86.827 | ng    | 0.00     |
| 7) Phenol-d6                | 6.387  | 99   | 798847   | 84.952 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 485294   | 60.634 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 168814   | 84.008 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 793478   | 59.242 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.863 | 244  | 629110   | 50.354 | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 12.492 | 202  | 57193    | 3.110  | ng    | 96       |
| 78) Pyrene                  | 12.727 | 202  | 50556    | 2.750  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 14.986 | 252  | 41677m   | 2.882  | ng    |          |
| -----                       |        |      |          |        |       |          |

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

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