

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100422\  
 Data File : BG055064.D  
 Acq On : 4 Oct 2022 15:29  
 Operator : CG/JU  
 Sample : N4943-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SOIL-003-0930

Quant Time: Oct 05 00:31:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 07:12:22 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.340  | 152  | 28725    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.172 | 136  | 125376   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.950 | 164  | 93211    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.682 | 188  | 229542   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.977 | 240  | 230916   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.438 | 264  | 246456   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.861  | 112  | 169194   | 130.828 | ng    | 0.00     |
| 7) Phenol-d6                | 7.471  | 99   | 237384   | 122.508 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.509  | 82   | 143922   | 68.593  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.425 | 330  | 123093   | 127.222 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.581 | 172  | 349414   | 58.521  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.256 | 244  | 645868   | 56.532  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 11.225 | 128  | 140101   | 21.173  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.800 | 142  | 59515    | 12.205  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 13.017 | 142  | 33181    | 6.995   | ng    | 96       |
| 46) 1,1'-Biphenyl           | 13.787 | 154  | 18581    | 2.907   | ng    | 96       |
| 52) Acenaphthene            | 15.009 | 154  | 60984    | 11.517  | ng    | 98       |
| 55) Dibenzofuran            | 15.338 | 168  | 103916   | 12.301  | ng    | 97       |
| 58) Fluorene                | 15.984 | 166  | 102249   | 15.125  | ng    | 99       |
| 71) Phenanthrene            | 17.723 | 178  | 440051   | 36.496  | ng    | 99       |
| 72) Anthracene              | 17.811 | 178  | 45854    | 3.910   | ng    | 97       |
| 75) Fluoranthene            | 19.709 | 202  | 267485   | 17.782  | ng    | 99       |
| 78) Pyrene                  | 20.068 | 202  | 181523   | 11.822  | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.954 | 228  | 49483    | 3.373   | ng    | 97       |
| 83) Chrysene                | 22.024 | 228  | 34305    | 2.426   | ng    | 95       |
| -----                       |        |      |          |         |       |          |

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

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