

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111424\  
 Data File : BN035087.D  
 Acq On : 14 Nov 2024 14:10  
 Operator : RC/JU  
 Sample : P4495-13DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PT-PAH-SOILD

Quant Time: Nov 14 14:35:52 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 17:18:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.553  | 152  | 3588     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.319 | 136  | 9962     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.190 | 164  | 7625     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.932 | 188  | 18496    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.133 | 240  | 19193    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.303 | 264  | 17654    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 623      | 0.068 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.737  | 99   | 858      | 0.075 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.685  | 82   | 574      | 0.066 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.908 | 152  | 948      | 0.053 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.679 | 330  | 267      | 0.049 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.800 | 172  | 1933     | 0.062 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.973 | 212  | 3297     | 0.058 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.587 | 244  | 3039     | 0.075 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.361 | 128  | 26813    | 1.031 | ng    | 98       |
| 12) 2-Methylnaphthalene       | 11.984 | 142  | 20979    | 1.093 | ng    | 98       |
| 16) Acenaphthylene            | 13.901 | 152  | 15792    | 0.485 | ng    | 99       |
| 17) Acenaphthene              | 14.243 | 154  | 39032    | 1.828 | ng    | 100      |
| 18) Fluorene                  | 15.238 | 166  | 23114    | 0.736 | ng    | 100      |
| 25) Phenanthrene              | 16.970 | 178  | 85839    | 1.764 | ng    | 99       |
| 26) Anthracene                | 17.069 | 178  | 116295   | 2.601 | ng    | 100      |
| 28) Fluoranthene              | 19.006 | 202  | 59098    | 0.883 | ng    | 100      |
| 30) Pyrene                    | 19.368 | 202  | 74314    | 1.163 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.125 | 228  | 90123    | 1.349 | ng    | 100      |
| 33) Chrysene                  | 21.169 | 228  | 70164    | 1.060 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.080 | 149  | 12480    | 0.356 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.455 | 276  | 42313    | 0.601 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.660 | 252  | 80139    | 1.349 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.701 | 252  | 40922    | 0.689 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.209 | 252  | 69681    | 1.333 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 25.472 | 278  | 44339    | 0.795 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.107 | 276  | 14526    | 0.245 | ng    | 98       |

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

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