

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112321\  
 Data File : BG051216.D  
 Acq On : 24 Nov 2021 17:33  
 Operator : CG/JU  
 Sample : M4702-07  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLP2

Quant Time: Nov 25 00:08:03 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 24 06:04:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 0.000  | 152  | 0        | 0.000     | ng/ul  | -8.20    |
| 20) Naphthalene-d8            | 0.000  | 136  | 0        | 0.000     | ng/ul  | -11.03   |
| 38) Acenaphthene-d10          | 0.000  | 164  | 0        | 0.000     | ng/ul  | -14.83   |
| 64) Phenanthrene-d10          | 17.677 | 188  | 211301   | 20.000    | ng/ul  | 0.10     |
| 79) Chrysene-d12              | 22.007 | 240  | 61       | 20.000    | ng/ul  | # 0.13   |
| 88) Perylene-d12              | 25.433 | 264  | 119      | 20.000    | ng/ul  | # 0.15   |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 3) 1,4-Dioxane-d8             | 3.541  | 96   | 2894     | 0.000     | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.981  | 84   | 10914    | 0.000     | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.354  | 99   | 60288    | 0.000     | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.513  | 67   | 39884    | 0.000     | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.730  | 132  | 45060    | 0.000     | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.905  | 113  | 43060    | 0.000     | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.375  | 128  | 25483    | 0.000     | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.104 | 143  | 28035    | 0.000     | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.650 | 165  | 47542    | 0.000     | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.173 | 131  | 13046    | 0.000     | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.222 | 166  | 160969   | 0.000     | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.528 | 160  | 205765   | 0.000     | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.045 | 143  | 17890    | 0.000     | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.820 | 176  | 146914   | 0.000     | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.944 | 200  | 20645    | 15.834    | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.677 | 188  | 211301   | 20.909    | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.957 | 212  | 234592   | 63558.510 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.157 | 264  | 264      | 41.539    | ng/ul  | 0.11     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 78) Di-n-butylphthalate       | 18.511 | 149  | 16807    | 1.282     | ng/ul  | 99       |
| 80) Fluoranthene              | 19.716 | 202  | 133      | 29.338    | ng/ul# | 1        |
| 82) Pyrene                    | 19.986 | 202  | 20945    | 4723.180  | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.961 | 149  | 128      | 69.430    | ng/ul# | 26       |
| 84) 3,3'-Dichlorobenzidine    | 21.902 | 252  | 107      | 75.340    | ng/ul# | 26       |
| 85) Benzo(a)anthracene        | 21.855 | 228  | 10041    | 2426.911  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.719 | 149  | 62808    | 23675.374 | ng/ul  | 98       |
| 87) Chrysene                  | 22.054 | 228  | 215      | 54.093    | ng/ul# | 1        |
| 89) Di-n-octyl phthalate      | 23.124 | 149  | 91       | 10.555    | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.311 | 252  | 46       | 5.728     | ng/ul# | 1        |
| 91) Benzo(k)fluoranthene      | 24.393 | 252  | 57       | 7.563     | ng/ul# | 1        |
| 93) Benzo(a)pyrene            | 25.274 | 252  | 127      | 16.576    | ng/ul# | 1        |
| 94) Indeno(1,2,3-cd)pyrene    | 29.358 | 276  | 63       | 7.348     | ng/ul# | 53       |
| 95) Dibenzo(a,h)anthracene    | 29.416 | 278  | 223      | 30.659    | ng/ul# | 1        |
| 96) Benzo(g,h,i)perylene      | 30.680 | 276  | 58       | 8.041     | ng/ul# | 1        |

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

DBLP2

Abundance

TIC: BG051216.D\data.ms

Time-->

Pyrene-d10-S

Rithraanthrene-d10-S

4,6-Dinitro-2-methylphenol-d2-S

Bis(2-ethylhexyl)phthalate

Di-n-butylphthalate

Chrysene-d12-S

Benzo(a)pyrene-d12-S

Perylene-d12-S

Di-n-octyl phthalate

Benzo(a)anthracene

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene