

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057976.D  
 Acq On : 4 Jul 2023 6:21  
 Operator : CG/JU  
 Sample : 03247-16  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGM2

Quant Time: Jul 04 06:58:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 04 05:09:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.936  | 152  | 998      | 20.000    | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.744 | 136  | 5824     | 20.000    | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.569 | 164  | 4248     | 20.000    | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.413 | 188  | 254213   | 20.000    | ng/ul  | 0.09     |
| 79) Chrysene-d12              | 21.702 | 240  | 166      | 20.000    | ng/ul  | # 0.13   |
| 88) Perylene-d12              | 24.886 | 264  | 188      | 20.000    | ng/ul  | # 0.15   |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 3) 1,4-Dioxane-d8             | 3.376  | 96   | 3616     | 126.874   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.793  | 84   | 2690     | 31.089    | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.101  | 99   | 73142    | 717.636   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.266  | 67   | 48675    | 792.487   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.472  | 132  | 57011    | 811.029   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.641  | 113  | 30014    | 390.275   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.099  | 128  | 30334    | 639.039   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.822  | 143  | 33655    | 674.604   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.362 | 165  | 59632    | 623.093   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.873 | 131  | 30236    | 208.380   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.976 | 166  | 204239   | 609.354   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.264 | 160  | 234697   | 641.684   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.769 | 143  | 22429    | 378.760   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.562 | 176  | 180819   | 635.233   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.674 | 200  | 21241    | 15.388    | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.413 | 188  | 254213   | 21.551    | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.698 | 212  | 310131   | 29664.118 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.734 | 264  | 9465     | 988.186   | ng/ul  | 0.22     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 2) 1,4-Dioxane                | 3.406  | 88   | 227      | 6.447     | ng/ul# | 18       |
| 6) Benzaldehyde               | 7.084  | 77   | 1019     | 29.938    | ng/ul# | 70       |
| 8) Phenol                     | 7.131  | 94   | 1274     | 12.318    | ng/ul# | 87       |
| 16) Acetophenone              | 8.758  | 105  | 4754     | 37.259    | ng/ul  | 92       |
| 17) N-Nitroso-di-n-propyla... | 8.647  | 70   | 577      | 8.459     | ng/ul# | 1        |
| 23) Isophorone                | 9.822  | 82   | 2417     | 9.192     | ng/ul# | 71       |
| 30) Naphthalene               | 10.791 | 128  | 4252     | 12.991    | ng/ul  | 94       |
| 32) 4-Chloroaniline           | 10.797 | 127  | 486      | 3.276     | ng/ul# | 37       |
| 36) 2-Methylnaphthalene       | 12.401 | 142  | 2566     | 11.630    | ng/ul  | 91       |
| 37) 1-Methylnaphthalene       | 12.613 | 142  | 1728     | 7.810     | ng/ul# | 85       |
| 43) 1,1'-Biphenyl             | 13.412 | 154  | 981      | 3.205     | ng/ul# | 76       |
| 48) 2,6-Dinitrotoluene        | 13.993 | 165  | 160      | 2.315     | ng/ul# | 34       |
| 50) Acenaphthylene            | 14.299 | 152  | 2423     | 6.135     | ng/ul# | 79       |
| 52) Acenaphthene              | 14.634 | 153  | 1445     | 5.332     | ng/ul# | 88       |
| 56) Dibenzofuran              | 14.969 | 168  | 2843     | 7.379     | ng/ul# | 84       |
| 59) Diethylphthalate          | 15.380 | 149  | 605      | 1.721     | ng/ul# | 83       |
| 61) Fluorene                  | 15.615 | 166  | 2181     | 6.899     | ng/ul# | 83       |
| 72) Phenanthrene              | 17.354 | 178  | 53842    | 4.164     | ng/ul  | 99       |
| 80) Fluoranthene              | 19.363 | 202  | 154215   | 12729.880 | ng/ul  | 99       |
| 82) Pyrene                    | 19.728 | 202  | 133635   | 10958.710 | ng/ul  | 100      |
| 83) Butylbenzylphthalate      | 20.744 | 149  | 124      | 25.076    | ng/ul# | 69       |
| 84) 3,3'-Dichlorobenzidine    | 21.584 | 252  | 129      | 32.100    | ng/ul# | 25       |
| 85) Benzo(a)anthracene        | 21.608 | 228  | 93455    | 7840.827  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.455 | 149  | 11550    | 1629.938  | ng/ul  | 95       |

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QLast Update : Tue Jul 04 05:09:13 2023  
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|----------------------------|--------|------|----------|-----------|--------|----------|
| 87) Chrysene               | 21.608 | 228  | 93455    | 8364.153  | ng/ul  | 95       |
| 89) Di-n-octyl phthalate   | 22.789 | 149  | 123      | 10.648    | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene   | 23.723 | 252  | 122748   | 10544.917 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene   | 23.923 | 252  | 87       | 7.625     | ng/ul# | 1        |
| 93) Benzo(a)pyrene         | 24.581 | 252  | 84316    | 8183.609  | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene | 28.500 | 276  | 78       | 5.701     | ng/ul# | 45       |
| 95) Dibenzo(a,h)anthracene | 28.553 | 278  | 843      | 74.722    | ng/ul# | 93       |
| 96) Benzo(g,h,i)perylene   | 29.651 | 276  | 223      | 19.955    | ng/ul# | 51       |

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

