

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012725\  
 Data File : BP023780.D  
 Acq On : 28 Jan 2025 19:45  
 Operator : RC/JU  
 Sample : Q1189-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A44Q7

Quant Time: Jan 29 08:52:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012225.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 27 21:53:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 489078   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.569 | 136  | 2161170  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.422 | 164  | 1411274  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.228 | 188  | 2737359  | 20.000 | ng/u1  | 0.01     |
| 79) Chrysene-d12              | 21.674 | 240  | 2590430  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.086 | 264  | 2813689  | 20.000 | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 30414    | 2.505  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.717  | 84   | 175131   | 4.998  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.981  | 99   | 708533   | 17.121 | ng/u1  | 0.03     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 370410   | 15.846 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.340  | 132  | 571708   | 18.172 | ng/u1  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 559451   | 17.192 | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 8.934  | 128  | 278203   | 17.086 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.652  | 143  | 286598   | 19.199 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.204 | 165  | 578085   | 18.423 | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.704 | 131  | 391969   | 7.811  | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.822 | 166  | 1712949  | 16.877 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 1974683  | 16.811 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.645 | 143  | 230437   | 11.299 | ng/u1  | 0.05     |
| 60) Fluorene-d10              | 15.428 | 176  | 1504025  | 17.311 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 131394   | 9.747  | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 17.334 | 188  | 2254488  | 17.155 | ng/u1  | 0.01     |
| 81) Pyrene-d10                | 19.698 | 212  | 2176457  | 16.512 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.845 | 264  | 1519565  | 10.790 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.011  | 94   | 100064   | 2.311  | ng/u1  | 99       |
| 16) Acetophenone              | 8.605  | 105  | 309874   | 5.929  | ng/u1  | 97       |
| 72) Phenanthrene              | 17.275 | 178  | 255954   | 1.655  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.357 | 202  | 758625   | 5.062  | ng/u1  | 98       |
| 82) Pyrene                    | 19.728 | 202  | 539501   | 3.314  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.657 | 228  | 300041   | 1.827  | ng/u1  | 94       |
| 87) Chrysene                  | 21.727 | 228  | 361835   | 2.353  | ng/u1  | 97       |
| 90) Benzo(b)fluoranthene      | 24.004 | 252  | 518752   | 3.104  | ng/u1# | 91       |
| 91) Benzo(k)fluoranthene      | 24.074 | 252  | 185333   | 1.076  | ng/u1# | 90       |
| 93) Benzo(a)pyrene            | 24.921 | 252  | 189170   | 1.202  | ng/u1# | 85       |
| -----                         |        |      |          |        |        |          |

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

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