

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
 Data File : BP020934.D  
 Acq On : 12 Jul 2024 14:14  
 Operator : MA/JU  
 Sample : P3087-23  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CZ5

Quant Time: Jul 12 23:23:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 10 18:38:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 338299   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.487 | 136  | 1380223  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.345 | 164  | 787715   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 17.163 | 188  | 1399638  | 20.000 | ng/u1  | -0.02    |
| 79) Chrysene-d12              | 21.621 | 240  | 1390150  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.968 | 264  | 1644493  | 20.000 | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 22352    | 3.007  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 19800    | 0.920  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.910  | 99   | 550361   | 19.955 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.063  | 67   | 343544   | 20.554 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.257  | 132  | 464009   | 20.419 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.434  | 113  | 437382   | 19.094 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.869  | 128  | 222981   | 20.800 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.581  | 143  | 258558   | 21.072 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 429427   | 19.355 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.634 | 131  | 209434   | 7.125  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.751 | 166  | 1171804  | 20.464 | ng/u1  | -0.02    |
| 49) Acenaphthylene-d8         | 14.039 | 160  | 1339966  | 20.840 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.616 | 143  | 132145   | 16.220 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.363 | 176  | 918137   | 19.544 | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200  | 108013   | 12.755 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.263 | 188  | 1245639  | 20.038 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.651 | 212  | 1323296  | 15.397 | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.733 | 264  | 1046962  | 12.909 | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.204 | 178  | 102662   | 1.414  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.298 | 202  | 243550   | 2.347  | ng/u1  | 100      |
| 82) Pyrene                    | 19.680 | 202  | 187034   | 1.771  | ng/u1  | 100      |
| 85) Benzo(a)anthracene        | 21.598 | 228  | 147739   | 1.517  | ng/u1  | 98       |
| 87) Chrysene                  | 21.669 | 228  | 163911   | 1.811  | ng/u1  | 98       |
| 90) Benzo(b)fluoranthene      | 23.904 | 252  | 230283   | 2.308  | ng/u1# | 96       |
| -----                         |        |      |          |        |        |          |

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

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