

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071524\  
 Data File : BP020986.D  
 Acq On : 16 Jul 2024 11:26  
 Operator : MA/JU  
 Sample : P3177-13  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4BX6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 23:12:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 15 12:22:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.693  | 152  | 283006   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.452 | 136  | 1170164  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.316 | 164  | 765200   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 1601398  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 1469908  | 20.000 | ng/ul  | 0.01     |
| 88) Perylene-d12              | 24.863 | 264  | 1749254  | 20.000 | ng/ul  | 0.03     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.240  | 96   | 16977    | 2.730  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.676  | 84   | 20716m   | 1.151  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.899  | 99   | 407039   | 17.642 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.040  | 67   | 250103   | 17.887 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.246  | 132  | 352111   | 18.522 | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.411  | 113  | 330865   | 17.266 | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 8.840  | 128  | 172565   | 18.987 | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.552  | 143  | 198035   | 19.037 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.093 | 165  | 348214   | 18.512 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.605 | 131  | 299920   | 12.036 | ng/ul  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 1158061  | 20.819 | ng/ul  | 0.01     |
| 49) Acenaphthylene-d8         | 14.010 | 160  | 1304170  | 20.880 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.575 | 143  | 145994m  | 18.447 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.322 | 176  | 1003992  | 22.000 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 151007   | 15.585 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.228 | 188  | 1589760  | 22.351 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 1339920  | 14.745 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.621 | 264  | 901598   | 10.451 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.157 | 178  | 177520   | 2.137  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.257 | 202  | 375370   | 3.420  | ng/ul  | 99       |
| 82) Pyrene                    | 19.633 | 202  | 223167   | 1.998  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 234479   | 2.277  | ng/ul# | 91       |
| 87) Chrysene                  | 21.604 | 228  | 244077   | 2.551  | ng/ul# | 92       |
| 90) Benzo(b)fluoranthene      | 23.804 | 252  | 362309   | 3.413  | ng/ul# | 88       |
| 91) Benzo(k)fluoranthene      | 23.869 | 252  | 122650m  | 1.158  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.692 | 252  | 179444   | 1.789  | ng/ul# | 77       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.621 | 276  | 177237   | 1.371  | ng/ul# | 81       |
| 95) Dibenzo(a,h)anthracene    | 28.651 | 278  | 191663   | 1.791  | ng/ul# | 72       |

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

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