

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110923\  
 Data File : BP018010.D  
 Acq On : 10 Nov 2023 03:28  
 Operator : MA/JU  
 Sample : 05091-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCK12

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023  
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 04:16:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110923.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 09 22:34:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.863  | 152  | 37548    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.687 | 136  | 151214   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.539 | 164  | 91608    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.316 | 188  | 213782   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.439 | 240  | 222171   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 23.951 | 264  | 252765   | 20.000 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.246  | 96   | 1821     | 1.660  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.040  | 99   | 25609    | 7.258  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.216  | 67   | 17029    | 7.967  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.393  | 132  | 22331    | 7.910  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 11855m   | 4.189  | ng/u1  | 0.01     |
| 21) Nitrobenzene-d5           | 9.081  | 128  | 10063m   | 7.431  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.793  | 143  | 10751m   | 7.134  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.334 | 165  | 16923    | 6.268  | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.893 | 131  | 16253m   | 4.393  | ng/u1  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.963 | 166  | 76671    | 9.105  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.239 | 160  | 76581    | 8.482  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.857 | 143  | 5550m    | 4.500  | ng/u1  | 0.06     |
| 60) Fluorene-d10              | 15.539 | 176  | 64401    | 9.227  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 200  | 7105     | 4.760  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.422 | 188  | 102794   | 8.974  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.669 | 212  | 147967   | 10.348 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.786 | 264  | 146134   | 9.947  | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 80) Fluoranthene              | 19.339 | 202  | 23991    | 1.450  | ng/u1  | 99       |
| 82) Pyrene                    | 19.698 | 202  | 29243m   | 1.672  | ng/u1  |          |
| 87) Chrysene                  | 21.480 | 228  | 23723m   | 1.410  | ng/u1  |          |
| 90) Benzo(b)fluoranthene      | 23.174 | 252  | 34823    | 1.917  | ng/u1# | 92       |
| -----                         |        |      |          |        |        |          |

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

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