

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121523\  
 Data File : BM043373.D  
 Acq On : 16 Dec 2023 00:26  
 Operator : MA/JU  
 Sample : 05626-14  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCLG0

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/16/2023  
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 16 00:58:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 15 22:09:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 447923   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.804 | 136  | 1916366  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.621 | 164  | 1043410  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.368 | 188  | 1841264  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.539 | 240  | 1373437  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.962 | 264  | 1594752  | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 46656    | 3.385  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.810  | 84   | 538600   | 13.578 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.151  | 99   | 960755   | 18.855 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.334  | 67   | 608571   | 18.858 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.522  | 132  | 732992   | 18.840 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.704  | 113  | 761324   | 19.254 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 369693   | 19.939 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.886  | 143  | 386418   | 20.171 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.422 | 165  | 674559   | 19.946 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.945 | 131  | 1006341  | 20.227 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 1975718  | 21.034 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.316 | 160  | 2409801  | 21.627 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.821 | 143  | 340508   | 19.154 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.616 | 176  | 1677616  | 21.599 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 200  | 192204   | 15.784 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.468 | 188  | 2282550  | 22.104 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.751 | 212  | 2318560  | 21.383 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.803 | 264  | 2214663  | 22.504 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.851 | 128  | 818116   | 6.698  | ng/u1  | 100      |
| 80) Fluoranthene              | 19.415 | 202  | 316883   | 2.360  | ng/u1  | 100      |
| 82) Pyrene                    | 19.780 | 202  | 305153   | 2.211  | ng/u1  | 99       |
| 87) Chrysene                  | 21.574 | 228  | 166499m  | 1.612  | ng/u1  |          |
| 90) Benzo(b)fluoranthene      | 23.221 | 252  | 270321   | 2.212  | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

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

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