

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080624\  
 Data File : BM047033.D  
 Acq On : 06 Aug 2024 21:57  
 Operator : RC/JU  
 Sample : P3328-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E20L7

Quant Time: Aug 07 01:46:06 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 07 01:21:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.398  | 152  | 338751   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.157 | 136  | 1281551  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.057 | 164  | 767534   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.815 | 188  | 1466764  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.050 | 240  | 1088884  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.762 | 264  | 1257653  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.022  | 96   | 14379    | 1.682  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 6.604  | 99   | 314862   | 12.236 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.757  | 67   | 202424   | 11.955 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.939  | 132  | 259976   | 11.927 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.122  | 113  | 230271   | 11.296 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.545  | 128  | 123413   | 12.001 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.257  | 143  | 133321   | 11.872 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.792  | 165  | 258813   | 12.003 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.304 | 131  | 251798   | 8.886  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.480 | 166  | 716437   | 12.208 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.745 | 160  | 833782   | 12.728 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.298 | 143  | 98341    | 8.667  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.057 | 176  | 628054   | 12.510 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.198 | 200  | 37058    | 3.999  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 16.915 | 188  | 911876   | 13.114 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.227 | 212  | 753658   | 12.091 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.574 | 264  | 485263   | 7.328  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 61) Fluorene                  | 15.115 | 166  | 87290    | 1.512  | ng/ul  | 98       |
| 72) Phenanthrene              | 16.856 | 178  | 1356915  | 16.503 | ng/ul  | 99       |
| 74) Anthracene                | 16.945 | 178  | 386341   | 4.659  | ng/ul  | 100      |
| 77) Carbazole                 | 17.227 | 167  | 86303    | 1.123  | ng/ul  | 99       |
| 80) Fluoranthene              | 18.892 | 202  | 2393554  | 32.131 | ng/ul  | 99       |
| 82) Pyrene                    | 19.256 | 202  | 1283966  | 16.176 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.033 | 228  | 898155   | 11.294 | ng/ul  | 97       |
| 87) Chrysene                  | 21.092 | 228  | 806615   | 10.635 | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 22.915 | 252  | 1021273  | 13.128 | ng/ul# | 98       |
| 91) Benzo(k)fluoranthene      | 22.968 | 252  | 373533   | 4.859  | ng/ul# | 92       |
| 93) Benzo(a)pyrene            | 23.633 | 252  | 314311   | 4.337  | ng/ul# | 92       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.773 | 276  | 302274   | 3.255  | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.809 | 278  | 123605   | 1.657  | ng/ul# | 81       |
| -----                         |        |      |          |        |        |          |

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

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