

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040724\  
 Data File : BM045013.D  
 Acq On : 07 Apr 2024 18:31  
 Operator : MA/JU  
 Sample : P1970-12  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AK2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/09/2024  
 Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 03:58:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 08 01:45:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 84018    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.404 | 136  | 359450   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.275 | 164  | 224849   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.033 | 188  | 466453   | 20.000 | ng/u1 | -0.01    |
| 79) Chrysene-d12              | 21.245 | 240  | 429414   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 23.462 | 264  | 515763   | 20.000 | ng/u1 | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.211  | 96   | 7193     | 3.197  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.617  | 84   | 43755    | 7.151  | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 6.816  | 99   | 33129    | 4.651  | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67   | 125369   | 29.543 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.163  | 132  | 122393   | 21.933 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.340  | 113  | 68276    | 12.246 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 84376    | 30.560 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.504  | 143  | 81403    | 27.933 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.034 | 165  | 134259   | 25.127 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 191832   | 22.550 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 483716   | 30.897 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 13.969 | 160  | 574984   | 31.088 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.545 | 143  | 8360m    | 2.559  | ng/u1 | 0.03     |
| 60) Fluorene-d10              | 15.281 | 176  | 449055   | 32.173 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 200  | 55415    | 20.036 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.133 | 188  | 749491   | 35.718 | ng/u1 | -0.01    |
| 81) Pyrene-d10                | 19.439 | 212  | 881785   | 41.703 | ng/u1 | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.321 | 264  | 913596   | 36.311 | ng/u1 | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.240  | 88   | 16491    | 7.018  | ng/uL | 92       |

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

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