

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP063023\  
 Data File : BP015858.D  
 Acq On : 30 Jun 2023 23:04  
 Operator : MA/JU  
 Sample : 03239-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFZ4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023  
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:40:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 30 22:30:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.052  | 152  | 263024   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.881 | 136  | 1174657  | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.704 | 164  | 702897   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.463 | 188  | 1425821  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.551 | 240  | 934172   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.092 | 264  | 969691   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.376  | 96   | 21478    | 2.938  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.834  | 84   | 135350   | 7.345  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.240  | 99   | 387418   | 17.215 | ng/ul  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.381  | 67   | 278907   | 20.032 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.587  | 132  | 327197   | 19.260 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.799  | 113  | 183209   | 10.305 | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 9.246  | 128  | 160415   | 17.869 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.975  | 143  | 172594   | 16.473 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.552 | 165  | 279740   | 14.983 | ng/ul  | 0.04     |
| 31) 4-Chloroaniline-d4        | 11.075 | 131  | 175255   | 7.307  | ng/ul  | 0.04     |
| 46) Dimethylphthalate-d6      | 14.116 | 166  | 1077820  | 19.839 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.398 | 160  | 1212517  | 19.854 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.998 | 143  | 95218m   | 13.281 | ng/ul  | 0.05     |
| 60) Fluorene-d10              | 15.704 | 176  | 899154   | 20.100 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200  | 86494    | 9.864  | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.569 | 188  | 1223542  | 18.787 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.792 | 212  | 1358394  | 22.269 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.921 | 264  | 986511   | 20.168 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.469 | 202  | 91771    | 1.211  | ng/ul# | 89       |
| 82) Pyrene                    | 19.822 | 202  | 80030    | 1.035  | ng/ul# | 86       |
| 90) Benzo(b)fluoranthene      | 23.316 | 252  | 76538    | 1.228  | ng/ul# | 30       |
| -----                         |        |      |          |        |        |          |

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

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