

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
 Data File : BG059118.D  
 Acq On : 20 Sep 2023 20:52  
 Operator : MA/JU  
 Sample : 04378-12  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBHL2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023  
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 00:38:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 20 04:25:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.299  | 152  | 29964    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 11.143 | 136  | 136391   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.926 | 164  | 89996    | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.676 | 188  | 205383   | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.995 | 240  | 173821   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 25.538 | 264  | 209577   | 20.000 | ng/u1 | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.604  | 96   | 3826     | 4.998  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 4.039  | 84   | 16671    | 7.423  | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.412  | 99   | 23070    | 7.830  | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.612  | 67   | 61200    | 33.848 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.811  | 132  | 56205    | 25.850 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.975  | 113  | 40965    | 17.458 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 9.492  | 128  | 37831    | 35.945 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.214 | 143  | 40020    | 37.641 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.737 | 165  | 65465    | 32.433 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.284 | 131  | 60532    | 19.214 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 14.321 | 166  | 263326   | 38.045 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.627 | 160  | 295514   | 35.065 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.097 | 143  | 11327    | 8.970  | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.914 | 176  | 237801   | 37.535 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.019 | 200  | 44342    | 37.975 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.776 | 188  | 388845   | 41.610 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 20.050 | 212  | 448077   | 44.103 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.291 | 264  | 440359   | 43.031 | ng/u1 | 0.00     |

|                  |       |    |       |       |        |
|------------------|-------|----|-------|-------|--------|
| Target Compounds |       |    |       |       | Qvalue |
| 2) 1,4-Dioxane   | 3.646 | 88 | 5106m | 5.899 | ng/uL  |

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

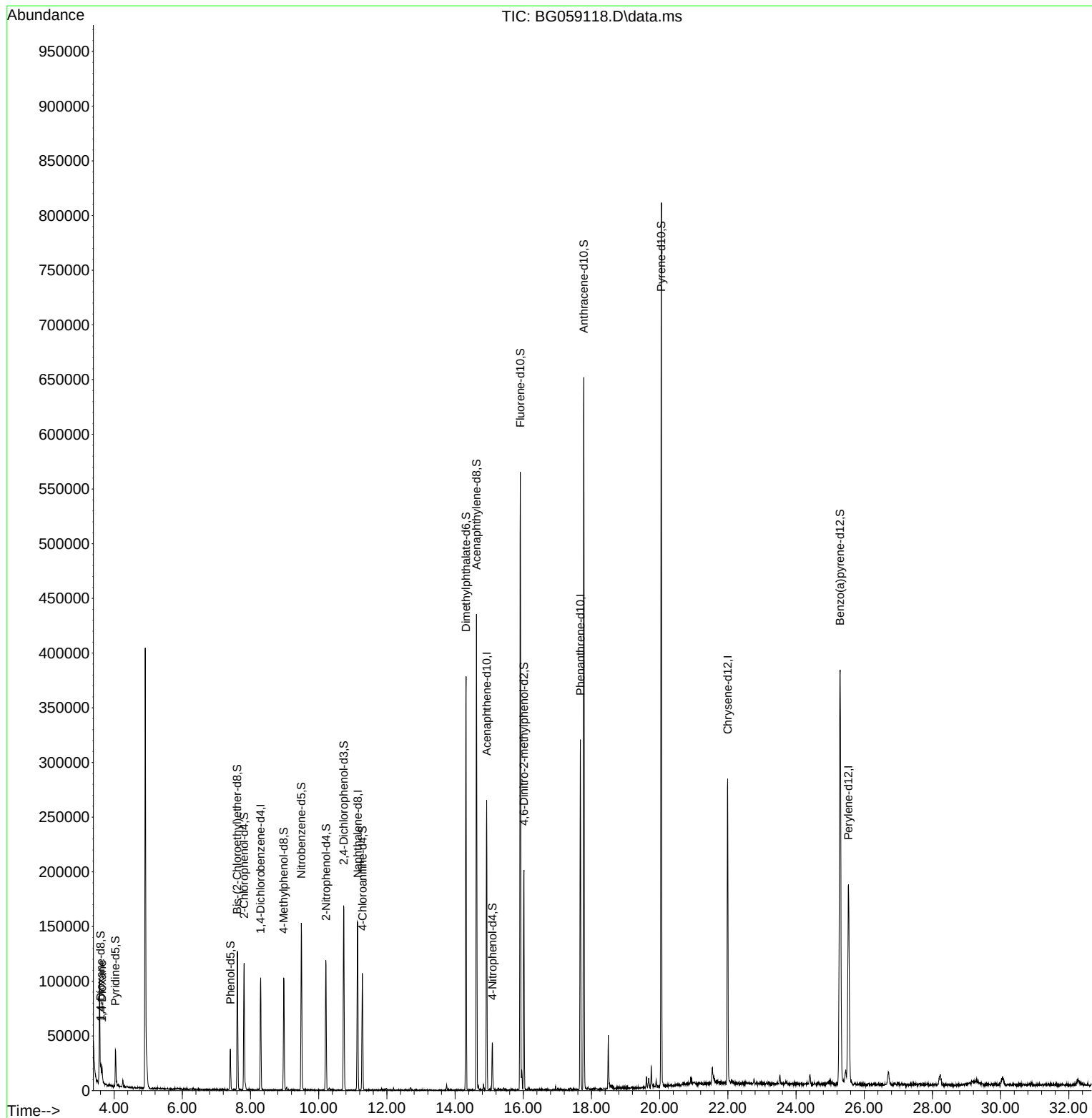
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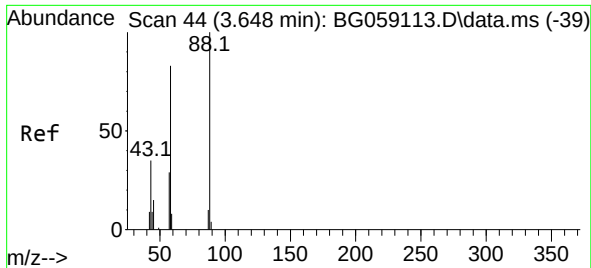
Instrument :  
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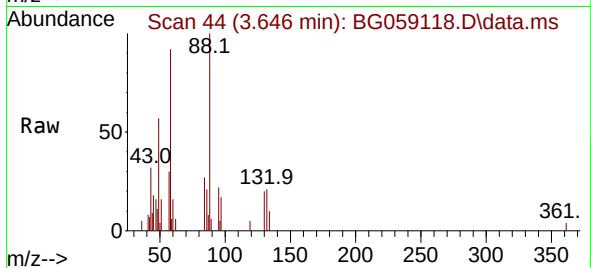
Reviewed By :Yogesh Patel 09/21/2023  
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#2  
 1,4-Dioxane  
 Concen: 5.899 ng/uL m  
 RT: 3.646 min Scan# 44  
 Delta R.T. -0.006 min  
 Lab File: BG059118.D  
 Acq: 20 Sep 2023 20:52

Instrument :  
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|             |                |
|-------------|----------------|
| Tgt Ion: 88 | Resp: 5100     |
| Ion Ratio   | Lower Upper    |
| 88          | 100            |
| 43          | 32.1 24.5 36.7 |
| 58          | 92.3 60.6 91.0 |

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