

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071224\  
 Data File : BG062055.D  
 Acq On : 13 Jul 2024 00:48  
 Operator : MA/JU  
 Sample : P3137-17  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YDZG6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024  
 Supervised By :mohammad ahmed 07/16/2024

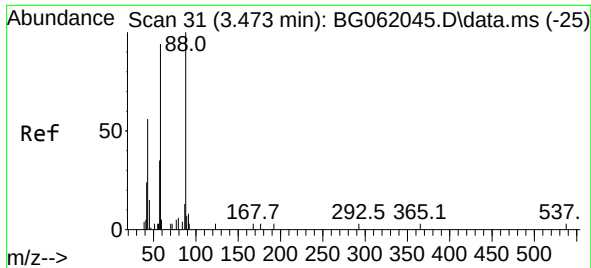
Quant Time: Jul 13 04:12:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 11 12:11:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.041  | 152  | 45460    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.856 | 136  | 197238   | 20.000 | ng/u1 | # 0.00   |
| 38) Acenaphthene-d10          | 14.675 | 164  | 141776   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.419 | 188  | 352184   | 20.000 | ng/u1 | # 0.00   |
| 79) Chrysene-d12              | 21.678 | 240  | 325344   | 20.000 | ng/u1 | # 0.00   |
| 88) Perylene-d12              | 24.886 | 264  | 389120   | 20.000 | ng/u1 | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.435  | 96   | 3504     | 2.897  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.858  | 84   | 28656    | 7.704  | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.213  | 99   | 55780    | 11.212 | ng/u1 | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.366  | 67   | 62392    | 19.804 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.571  | 132  | 83783    | 24.551 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.770  | 113  | 76781    | 19.602 | ng/u1 | 0.02     |
| 21) Nitrobenzene-d5           | 9.205  | 128  | 37519    | 25.012 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.928  | 143  | 44612    | 26.043 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.492 | 165  | 102012   | 30.874 | ng/u1 | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.997 | 131  | 87276    | 18.194 | ng/u1 | 0.01     |
| 46) Dimethylphthalate-d6      | 14.081 | 166  | 318435   | 27.320 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.375 | 160  | 330358   | 27.105 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.916 | 143  | 13648m   | 7.332  | ng/u1 | 0.04     |
| 60) Fluorene-d10              | 15.668 | 176  | 272670   | 27.788 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.785 | 200  | 50046    | 27.058 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.519 | 188  | 432829   | 26.323 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 488452   | 25.525 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.669 | 264  | 511672   | 26.514 | ng/u1 | 0.00     |

|                  |       |    |        |        |        |
|------------------|-------|----|--------|--------|--------|
| Target Compounds |       |    |        |        | Qvalue |
| 2) 1,4-Dioxane   | 3.470 | 88 | 14424m | 10.803 | ng/uL  |

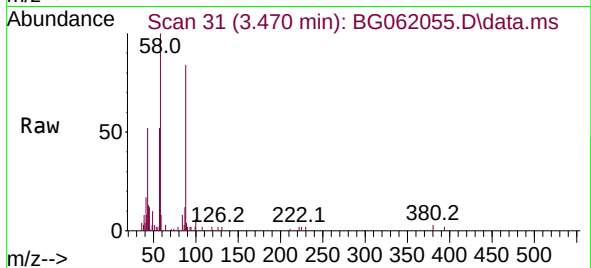
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
 1,4-Dioxane  
 Concen: 10.803 ng/uL m  
 RT: 3.470 min Scan# 31  
 Delta R.T. 0.001 min  
 Lab File: BG062055.D  
 Acq: 13 Jul 2024 00:48

Instrument :  
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 ClientSampleId :  
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Tgt Ion: 88 Resp: 14424  
 Ion Ratio Lower Upper  
 88 100  
 43 62.3 39.4 59.2  
 58 119.6 78.1 117.1

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