

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063096.D  
 Acq On : 28 Sep 2024 6:20  
 Operator : RC/JU  
 Sample : P3927-06  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC84

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024  
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 06:56:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 25 13:16:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.847  | 152  | 77404    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.638 | 136  | 327535   | 20.000 | ng/u1 | # 0.00   |
| 38) Acenaphthene-d10          | 14.486 | 164  | 291216   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.236 | 188  | 813388   | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.490 | 240  | 871384   | 20.000 | ng/u1 | # 0.00   |
| 88) Perylene-d12              | 24.528 | 264  | 1009354  | 20.000 | ng/u1 | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.323  | 96   | 3367     | 2.508  | ng/uL | 0.01     |
| 4) Pyridine-d5                | 3.723  | 84   | 50377    | 15.344 | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.019  | 99   | 77226    | 16.153 | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.177  | 67   | 29428    | 15.756 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.383  | 132  | 71637    | 15.250 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.552  | 113  | 70409    | 16.314 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.999  | 128  | 38542    | 16.003 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.721  | 143  | 44402    | 14.435 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.268 | 165  | 96059    | 14.963 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.779 | 131  | 108827   | 14.446 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 357424   | 15.437 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.175 | 160  | 398142   | 16.226 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.692 | 143  | 46496    | 13.315 | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.479 | 176  | 350184   | 16.506 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 200  | 55725    | 9.803  | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.330 | 188  | 648722   | 16.624 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.627 | 212  | 852686   | 17.378 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.316 | 264  | 885557   | 16.381 | ng/u1 | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 71) Pentachlorophenol         | 16.895 | 266  | 9771m    | 1.412  | ng/u1 | Qvalue   |
| -----                         |        |      |          |        |       |          |

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

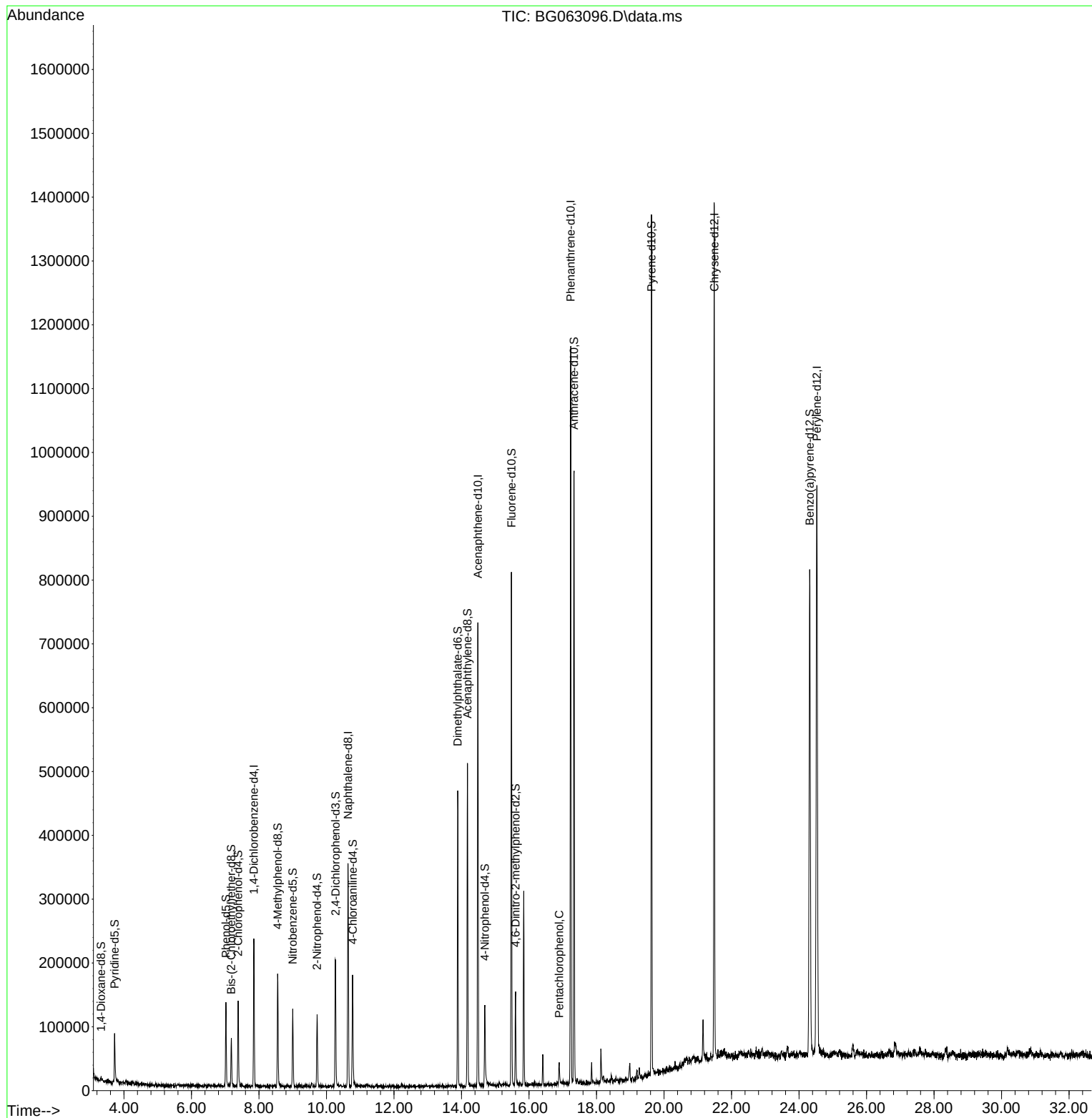
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
Data File : BG063096.D  
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ALS Vial : 24 Sample Multiplier: 1

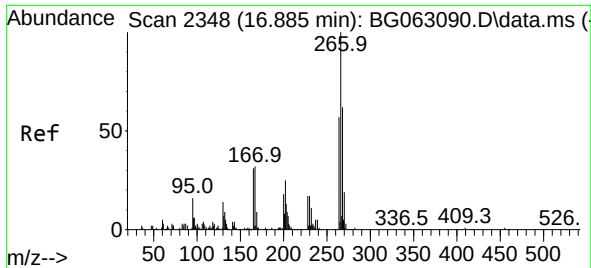
Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Time: Sep 28 06:56:08 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
Quant Title : SVOA CALIBRATION  
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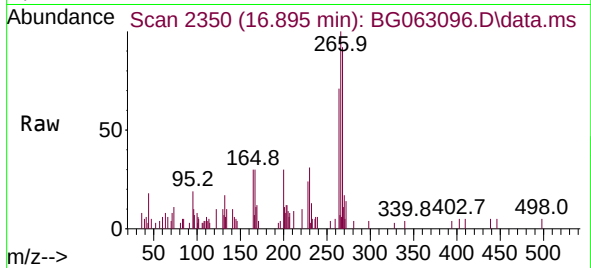
Reviewed By :Jagrut Upadhyay 09/30/2024  
Supervised By :mohammad ahmed 10/01/2024





#71  
 Pentachlorophenol  
 Concen: 1.412 ng/ul m  
 RT: 16.895 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BG063096.D  
 Acq: 28 Sep 2024 6:20

Instrument :  
 BNA\_G  
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|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 977  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 70.6  | 57.7  | 86.5 |
| 268       | 92.0  | 57.3  | 85.9 |

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