Quantitation Report (Qedit)

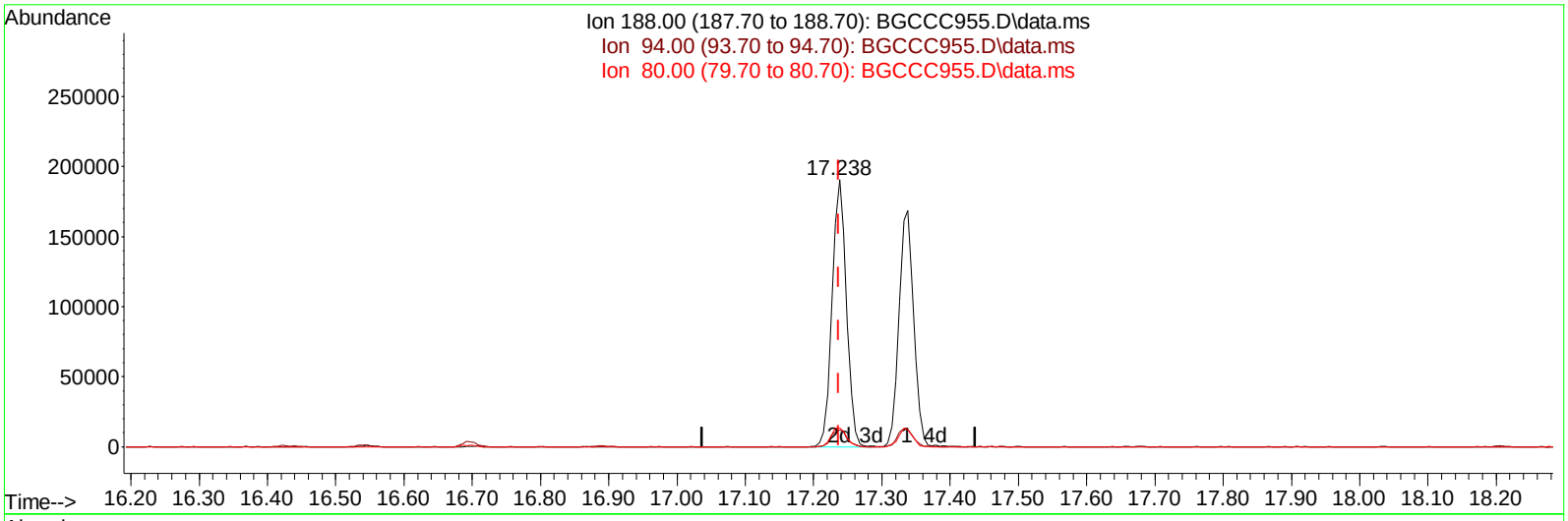
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BGCCC955.D
Acq On : 19 Sep 2024 22:47
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

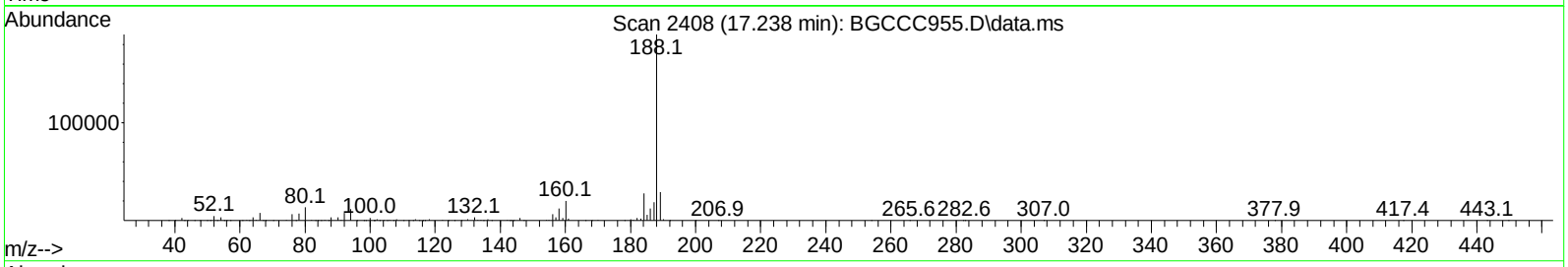
Quant Time: Sep 19 23:36:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

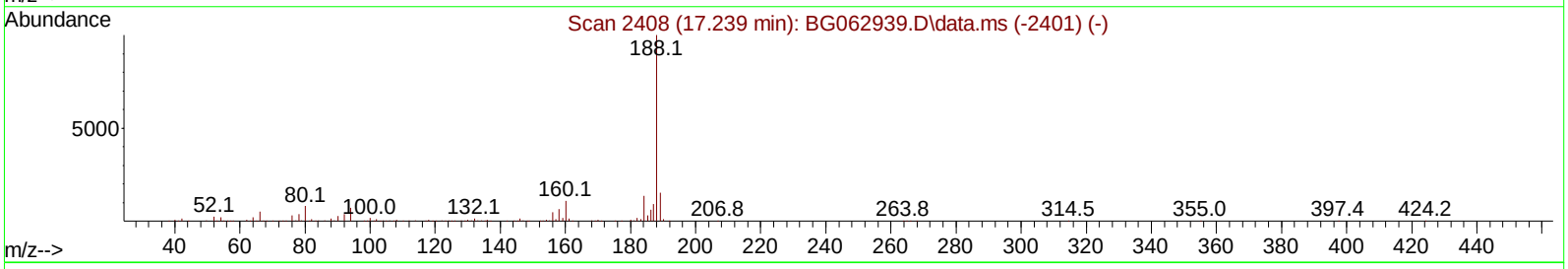
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS458

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024




TIC: BGCCC955.D\data.ms

**(64) Phenanthrene-d10 (I)**

**17.238min (+ 0.001) 20.00 ng/ul m**

**response 278627**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 8.20 | 6.19# |
| 80.00 | 8.70 | 7.04 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062954.D
Acq On : 19 Sep 2024 22:07
Operator : JU/RC
Sample : PB163458BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 23:39:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS458

**Manual IntegrationsAPPROVED**

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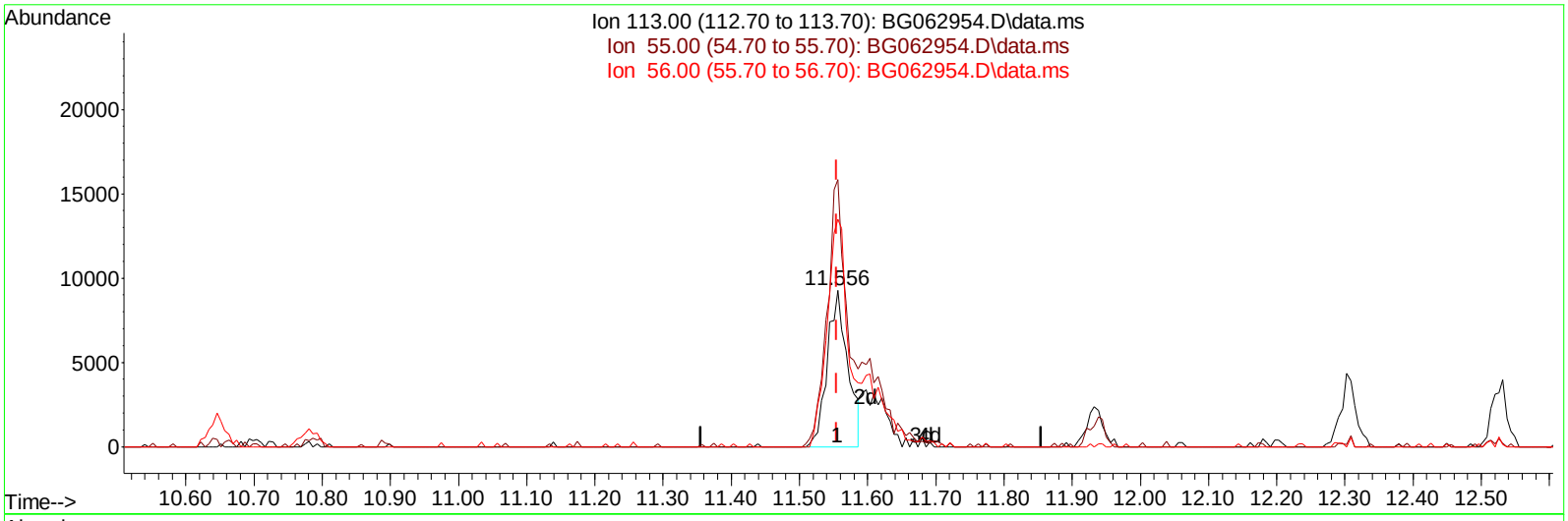


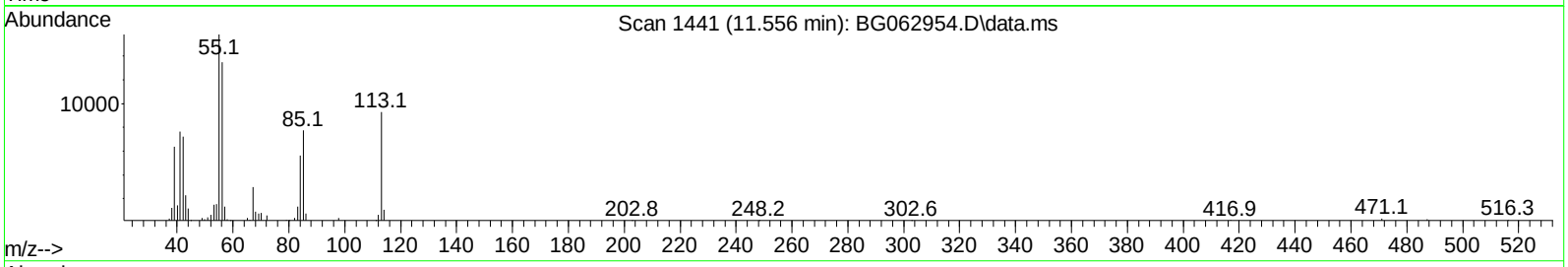


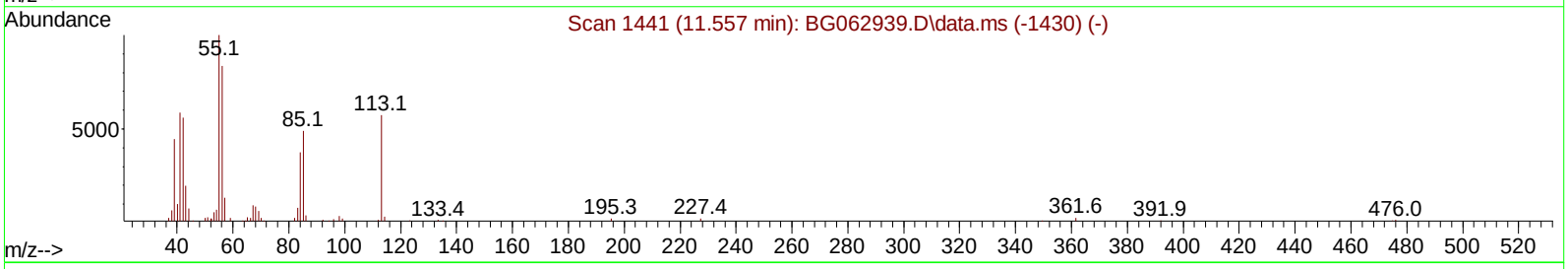


TIC: BG062954.D\data.ms

**(34) Caprolactam**

**11.556min (+ 0.001) 16.08 ng/ul**

**response 19246**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 140.80 | 170.62# |
| 56.00 | 100.30 | 145.43# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062954.D
Acq On : 19 Sep 2024 22:07
Operator : JU/RC
Sample : PB163458BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 23:39:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS458

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/20/2024
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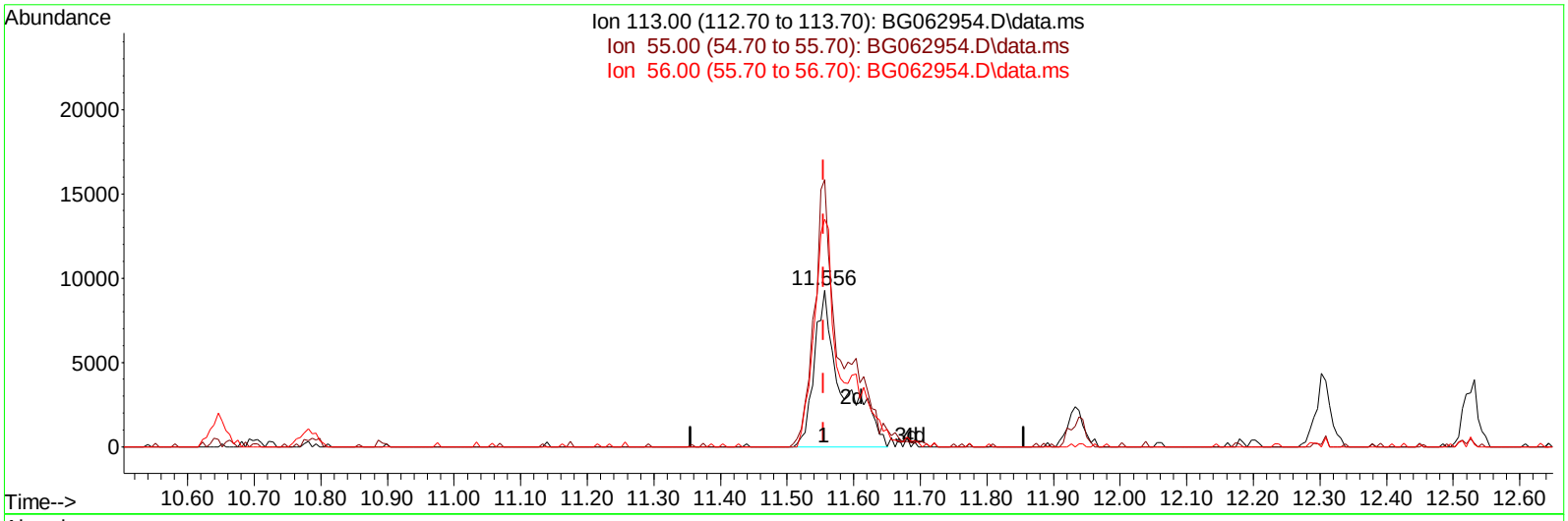


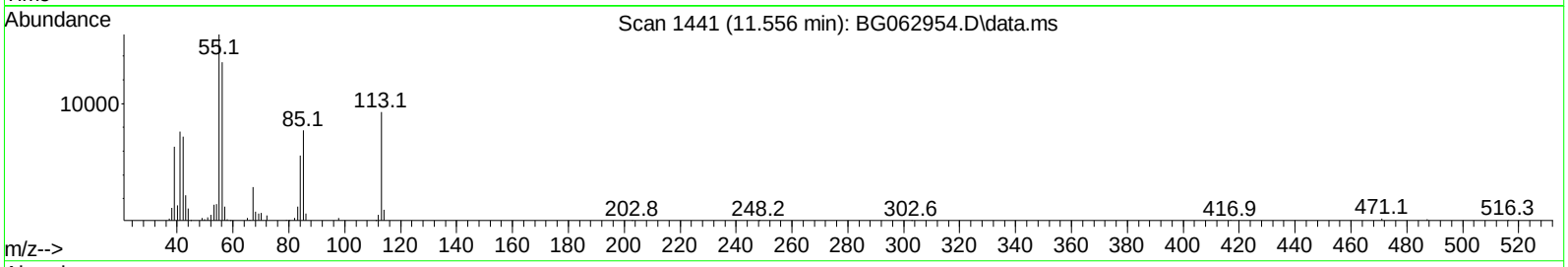


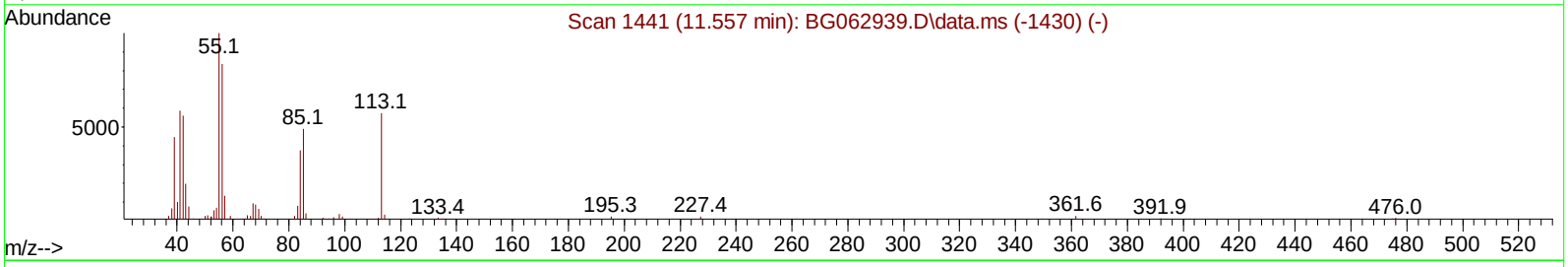


TIC: BG062954.D\data.ms

**(34) Caprolactam**

**11.556min (+ 0.001) 22.70 ng/ul m**

**response 27168**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 140.80 | 170.62# |
| 56.00 | 100.30 | 145.43# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062954.D
Acq On : 19 Sep 2024 22:07
Operator : JU/RC
Sample : PB163458BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 23:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS458

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.855 | 152 | 48446 | 20.000 | ng/ul | # 0.00 |
| 20) Naphthalene-d8 | 10.646 | 136 | 193674 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.488 | 164 | 156928 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.238 | 188 | 360121 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.492 | 240 | 380955 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.535 | 264 | 456793 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.331 | 96 | 6916 | 4.181 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.736 | 84 | 81284 | 18.102 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.026 | 99 | 120973 | 24.064 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.185 | 67 | 68013 | 24.176 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.391 | 132 | 79339 | 24.039 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.566 | 113 | 81456 | 22.119 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.012 | 128 | 35845 | 23.232 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.723 | 143 | 43760 | 24.999 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.270 | 165 | 86913 | 23.931 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.781 | 131 | 93011 | 20.579 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.895 | 166 | 265064 | 22.714 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.183 | 160 | 285146 | 21.878 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.700 | 143 | 40329 | 21.566 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.487 | 176 | 243043 | 22.368 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200 | 58983 | 27.095 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.338 | 188 | 390787 | 22.961 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.635 | 212 | 518872 | 22.488 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.330 | 264 | 544595 | 22.606 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.372 | 88 | 10915 | 6.669 | ng/uL | 89 |
| 5) Pyridine | 3.754 | 79 | 85630 | 19.150 | ng/ul# | 94 |
| 6) Benzaldehyde | 6.997 | 77 | 59649 | 21.680 | ng/ul | 98 |
| 8) Phenol | 7.056 | 94 | 120067 | 22.895 | ng/ul# | 86 |
| 10) Bis(2-Chloroethyl)ether | 7.279 | 93 | 86848 | 24.494 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.426 | 128 | 81922 | 24.181 | ng/ul# | 92 |
| 13) 2-Methylphenol | 8.301 | 108 | 76920 | 21.206 | ng/ul | 83 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.378 | 45 | 82517 | 18.757 | ng/ul | 96 |
| 16) Acetophenone | 8.671 | 105 | 128397 | 22.165 | ng/ul# | 93 |
| 17) N-Nitroso-di-n-propyla... | 8.660 | 70 | 69263 | 20.477 | ng/ul# | 96 |
| 18) 4-Methylphenol | 8.630 | 108 | 80449 | 20.265 | ng/ul | 99 |
| 19) Hexachloroethane | 8.930 | 117 | 32723 | 22.736 | ng/ul | 88 |
| 22) Nitrobenzene | 9.053 | 77 | 113146 | 24.700 | ng/ul# | 96 |
| 23) Isophorone | 9.570 | 82 | 208691 | 22.877 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.764 | 139 | 43711 | 22.741 | ng/ul# | 76 |
| 26) 2,4-Dimethylphenol | 9.823 | 107 | 82690 | 19.201 | ng/ul | 89 |
| 27) Bis(2-Chloroethoxy)met... | 10.058 | 93 | 111314 | 22.953 | ng/ul | 93 |
| 29) 2,4-Dichlorophenol | 10.299 | 162 | 82067 | 22.827 | ng/ul | 98 |
| 30) Naphthalene | 10.698 | 128 | 240177 | 22.334 | ng/ul | 95 |
| 32) 4-Chloroaniline | 10.804 | 127 | 82059 | 18.648 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.980 | 225 | 74242 | 25.836 | ng/ul | 95 |
| 34) Caprolactam | 11.556 | 113 | 27168m | 22.699 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.932 | 107 | 102608 | 24.832 | ng/ul | 91 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062954.D
Acq On : 19 Sep 2024 22:07
Operator : JU/RC
Sample : PB163458BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 23:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS458

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.308 | 142 | 170833 | 22.045 ng/ul | 95 |
| 37) 1-Methylnaphthalene | 12.526 | 142 | 175305 | 22.353 ng/ul | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 12.678 | 216 | 134911 | 24.258 ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.655 | 237 | 65374 | 22.157 ng/ul | 93 |
| 41) 2,4,6-Trichlorophenol | 12.919 | 196 | 70515 | 20.347 ng/ul# | 92 |
| 42) 2,4,5-Trichlorophenol | 12.996 | 196 | 76187 | 20.926 ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.319 | 154 | 259150 | 22.231 ng/ul# | 91 |
| 44) 2-Chloronaphthalene | 13.360 | 162 | 207521 | 22.151 ng/ul | 96 |
| 45) 2-Nitroaniline | 13.566 | 65 | 75319 | 23.779 ng/ul | 95 |
| 47) Dimethylphthalate | 13.942 | 163 | 268589 | 22.496 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.065 | 165 | 53194 | 23.349 ng/ul# | 82 |
| 50) Acenaphthylene | 14.206 | 152 | 310891 | 22.656 ng/ul | 98 |
| 51) 3-Nitroaniline | 14.394 | 138 | 44379 | 21.721 ng/ul# | 69 |
| 52) Acenaphthene | 14.553 | 153 | 217570 | 21.830 ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.600 | 184 | 32123 | 23.607 ng/ul | 91 |
| 55) 4-Nitrophenol | 14.711 | 109 | 62190 | 29.450 ng/ul# | 79 |
| 56) Dibenzofuran | 14.894 | 168 | 316522 | 21.415 ng/ul | 94 |
| 57) 2,4-Dinitrotoluene | 14.852 | 165 | 79291 | 23.092 ng/ul# | 85 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.117 | 232 | 60878 | 18.581 ng/ul | 96 |
| 59) Diethylphthalate | 15.311 | 149 | 269722 | 20.303 ng/ul | 95 |
| 61) Fluorene | 15.540 | 166 | 249001 | 22.017 ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.534 | 204 | 145360 | 23.293 ng/ul | 99 |
| 63) 4-Nitroaniline | 15.563 | 138 | 52165 | 25.441 ng/ul# | 77 |
| 66) 4,6-Dinitro-2-methylph... | 15.622 | 198 | 58653 | 25.186 ng/ul# | 95 |
| 67) N-Nitrosodiphenylamine | 15.745 | 169 | 233579 | 23.096 ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.427 | 248 | 104613 | 26.130 ng/ul | 99 |
| 69) Hexachlorobenzene | 16.550 | 284 | 120589 | 26.087 ng/ul | 92 |
| 70) Atrazine | 16.697 | 200 | 2057 | 0.490 ng/ul# | 90 |
| 71) Pentachlorophenol | 16.891 | 266 | 45552 | 17.281 ng/ul | 94 |
| 72) Phenanthrene | 17.285 | 178 | 456416 | 23.857 ng/ul | 99 |
| 74) Anthracene | 17.373 | 178 | 450985 | 22.829 ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.290 | 216 | 133856 | 24.375 ng/ul | 96 |
| 76) Pentachlorobenzene | 14.811 | 250 | 145579 | 25.117 ng/ul | 99 |
| 77) Carbazole | 17.643 | 167 | 375703 | 23.888 ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.207 | 149 | 445746 | 22.036 ng/ul# | 97 |
| 80) Fluoranthene | 19.300 | 202 | 559505 | 22.220 ng/ul# | 93 |
| 82) Pyrene | 19.664 | 202 | 603298 | 22.474 ng/ul# | 92 |
| 83) Butylbenzylphthalate | 20.563 | 149 | 199557 | 21.389 ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.392 | 252 | 210076 | 24.587 ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.474 | 228 | 623363 | 23.098 ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149 | 281923 | 20.915 ng/ul# | 98 |
| 87) Chrysene | 21.539 | 228 | 595616 | 23.588 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.538 | 149 | 506386 | 20.932 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.572 | 252 | 638126 | 22.946 ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 23.636 | 252 | 666127 | 24.042 ng/ul# | 97 |
| 93) Benzo(a)pyrene | 24.394 | 252 | 575362 | 22.008 ng/ul# | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 27.966 | 276 | 743191 | 23.200 ng/ul# | 87 |
| 95) Dibenzo(a,h)anthracene | 28.025 | 278 | 605337 | 23.638 ng/ul# | 94 |
| 96) Benzo(g,h,i)perylene | 29.036 | 276 | 573377 | 23.311 ng/ul# | 97 |

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

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS458

**Manual IntegrationsAPPROVED**

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Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062954.D
Acq On : 19 Sep 2024 22:07
Operator : JU/RC
Sample : PB163458BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 23:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
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**Instrument :**
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