Quantitation Report (Qedit)

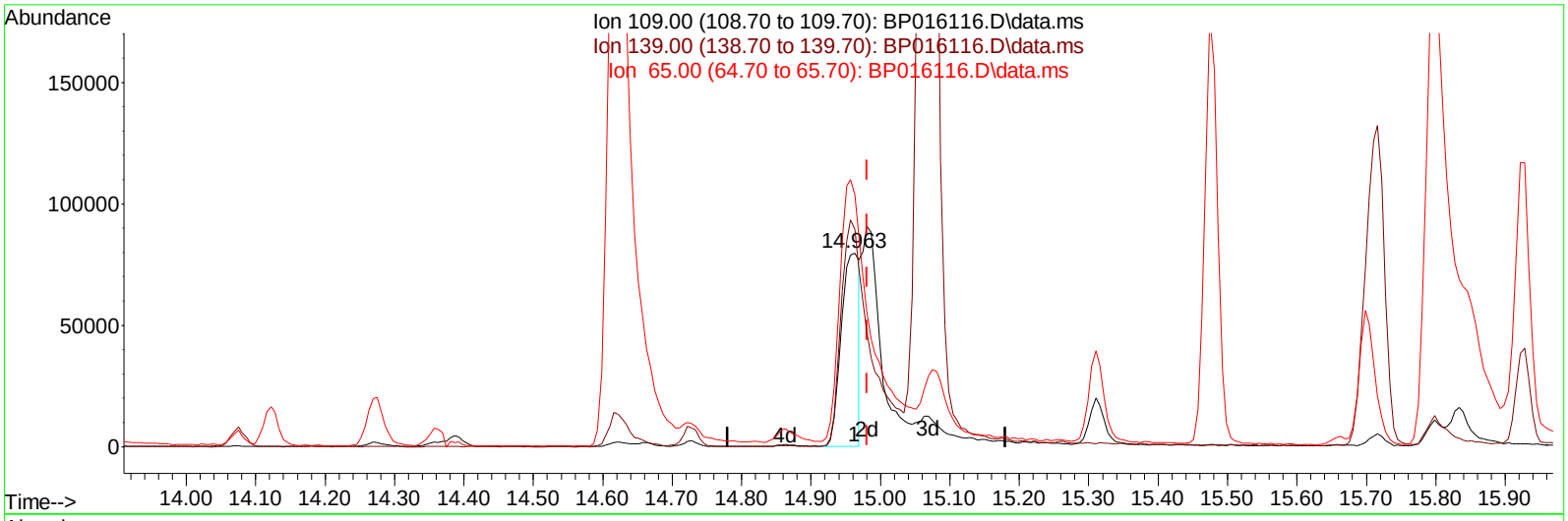
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016116.D
Acq On : 09 Jul 2023 04:54
Operator : MA/JU
Sample : 03351-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

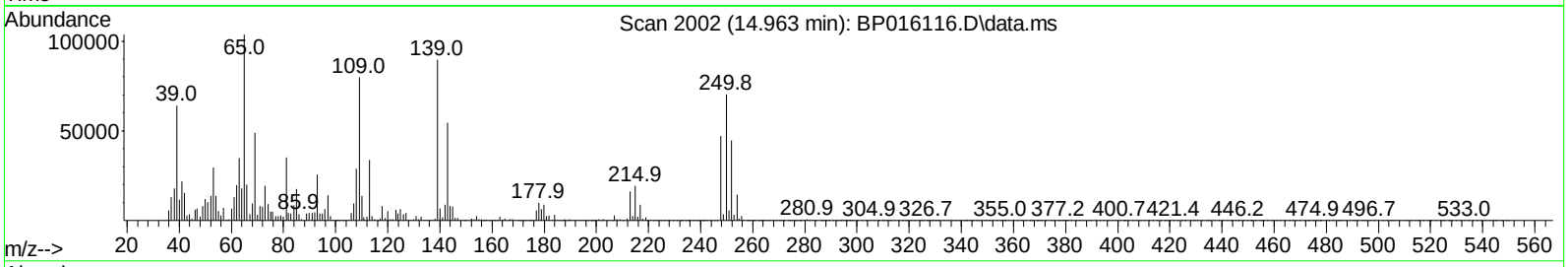
Quant Time: Jul 09 05:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

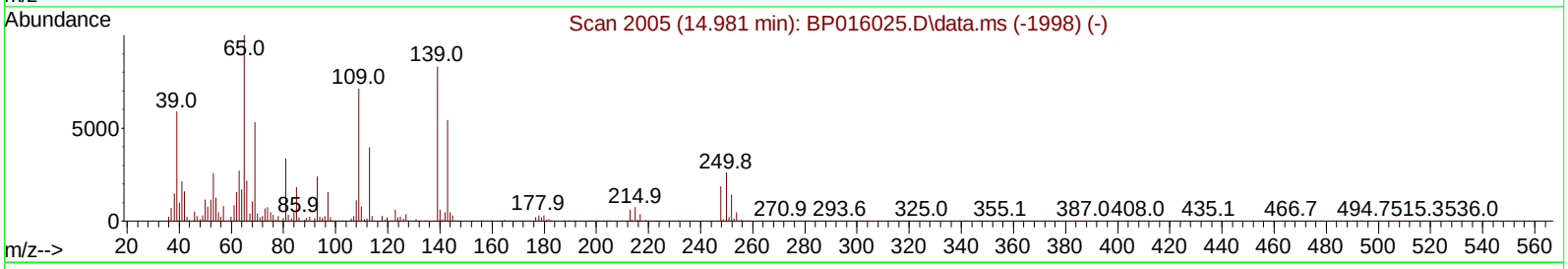
**Instrument :**
BNA_P
**ClientSampleId :**
YBW10MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023




TIC: BP016116.D\data.ms

**(55) 4-Nitrophenol**

**14.963min (-0.018) 14.86 ng/ul**

**response 144790**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 101.60 | 112.31 |
| 65.00 | 124.90 | 130.07 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

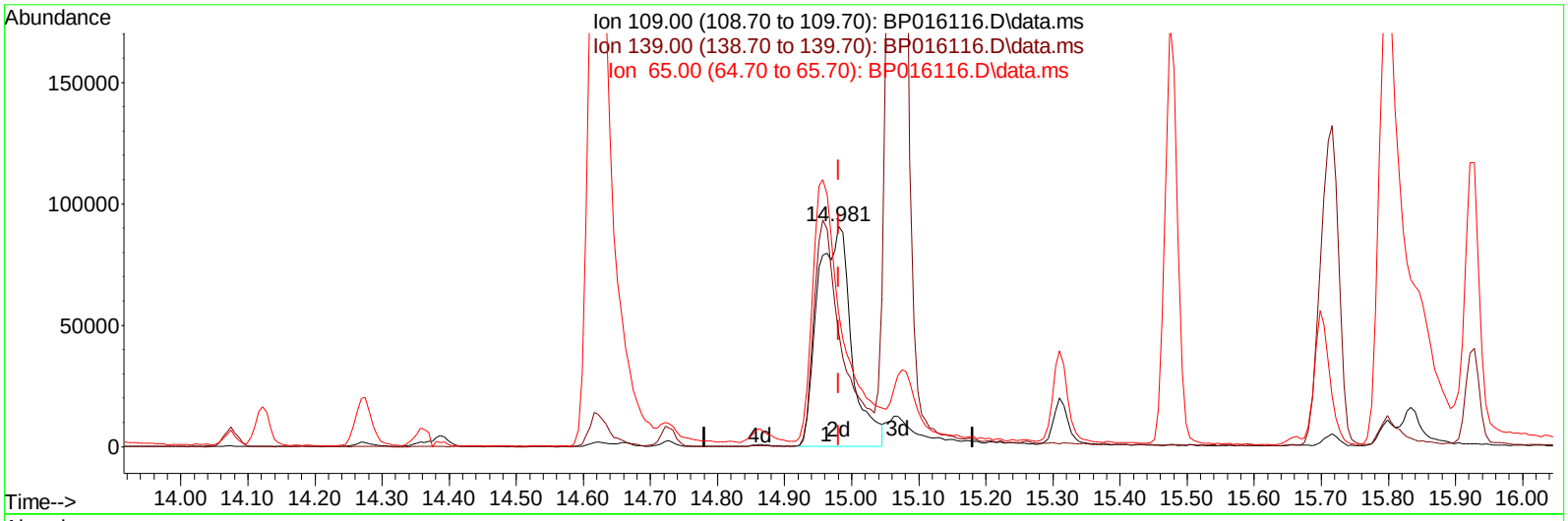
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016116.D
Acq On : 09 Jul 2023 04:54
Operator : MA/JU
Sample : 03351-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

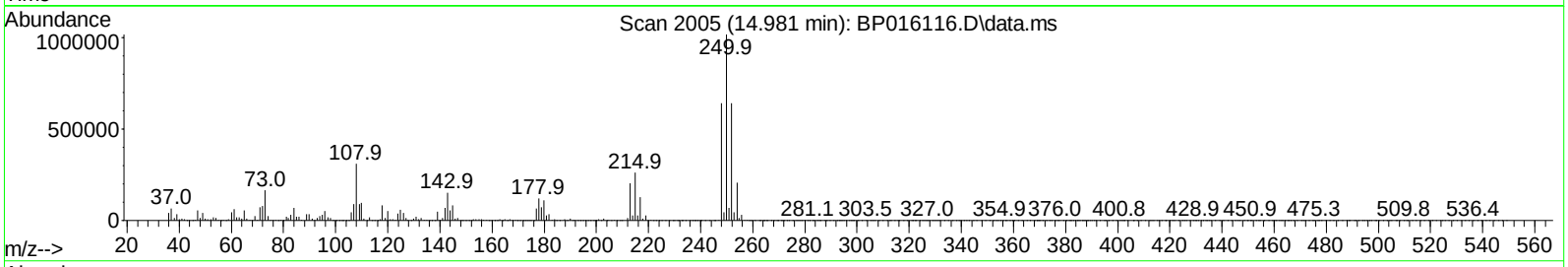
Quant Time: Jul 09 05:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

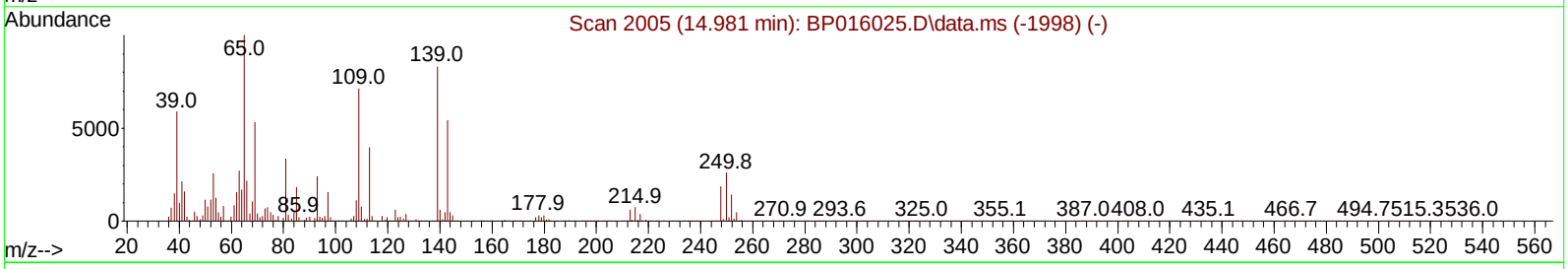
**Instrument :**
BNA_P
**ClientSampleId :**
YBW10MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023




TIC: BP016116.D\data.ms

**(55) 4-Nitrophenol**

**14.981min (-0.000) 32.59 ng/ul m**

**response 317655**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 101.60 | 51.95# |
| 65.00 | 124.90 | 60.85# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016116.D
Acq On : 09 Jul 2023 04:54
Operator : MA/JU
Sample : 03351-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 09 05:31:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
YBW10MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.010 | 152 | 366032 | 20.000 | ng/ul | -0.02 |
| 20) Naphthalene-d8 | 10.834 | 136 | 1539461 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.663 | 164 | 922061 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.428 | 188 | 2024232 | 20.000 | ng/ul | #-0.02 |
| 79) Chrysene-d12 | 21.522 | 240 | 1754758 | 20.000 | ng/ul | #-0.02 |
| 88) Perylene-d12 | 24.068 | 264 | 1852678 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.352 | 96 | 39948 | 3.927 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 531813 | 20.737 | ng/ul | -0.01 |
| 7) Phenol-d5 | 7.193 | 99 | 753214 | 24.050 | ng/ul | -0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.340 | 67 | 510265 | 26.335 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.540 | 132 | 592687 | 25.070 | ng/ul | -0.02 |
| 15) 4-Methylphenol-d8 | 8.752 | 113 | 605123 | 24.458 | ng/ul | -0.02 |
| 21) Nitrobenzene-d5 | 9.199 | 128 | 289653 | 24.620 | ng/ul | -0.02 |
| 24) 2-Nitrophenol-d4 | 9.928 | 143 | 330238 | 24.050 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.481 | 165 | 576101 | 23.544 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 11.004 | 131 | 782850 | 24.905 | ng/ul | -0.02 |
| 46) Dimethylphthalate-d6 | 14.075 | 166 | 1764827 | 24.763 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.357 | 160 | 2006286 | 25.043 | ng/ul | -0.02 |
| 54) 4-Nitrophenol-d4 | 14.939 | 143 | 171425 | 18.227 | ng/ul | -0.02 |
| 60) Fluorene-d10 | 15.657 | 176 | 1463225 | 24.935 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.834 | 200 | 273302 | 21.954 | ng/ul | -0.02 |
| 73) Anthracene-d10 | 17.528 | 188 | 2277661 | 24.633 | ng/ul | -0.02 |
| 81) Pyrene-d10 | 19.763 | 212 | 2632389 | 22.974 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.892 | 264 | 2349110 | 25.136 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 101923 | 9.309 | ng/uL | 99 |
| 5) Pyridine | 3.811 | 79 | 686667 | 25.594 | ng/ul | 98 |
| 6) Benzaldehyde | 7.163 | 77 | 506645 | 40.013 | ng/ul | 97 |
| 8) Phenol | 7.222 | 94 | 938616 | 28.881 | ng/ul | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.434 | 93 | 763238 | 29.517 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.575 | 128 | 691784 | 27.543 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.475 | 108 | 697903 | 28.442 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.546 | 45 | 1139523 | 32.265 | ng/ul | 99 |
| 16) Acetophenone | 8.857 | 105 | 1114731 | 27.409 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.834 | 70 | 622504 | 27.559 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.816 | 108 | 746349 | 28.309 | ng/ul | 98 |
| 19) Hexachloroethane | 9.081 | 117 | 309018 | 26.639 | ng/ul | 91 |
| 22) Nitrobenzene | 9.246 | 77 | 911818 | 27.598 | ng/ul | 97 |
| 23) Isophorone | 9.769 | 82 | 1751481 | 27.702 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.963 | 139 | 403583 | 27.694 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 10.022 | 107 | 842490 | 26.299 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.246 | 93 | 1053312 | 29.512 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.510 | 162 | 659248 | 27.099 | ng/ul | 98 |
| 30) Naphthalene | 10.881 | 128 | 2253694 | 26.930 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.028 | 127 | 784833 | 24.032 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.140 | 225 | 425395 | 23.155 | ng/ul | 99 |
| 34) Caprolactam | 11.846 | 113 | 225831 | 30.349 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 12.163 | 107 | 776120 | 27.256 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016116.D
Acq On : 09 Jul 2023 04:54
Operator : MA/JU
Sample : 03351-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 09 05:31:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
YBW10MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.493 | 142 | 1491022 | 27.064 ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.710 | 142 | 1496805 | 26.633 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.863 | 216 | 796431 | 26.211 ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.816 | 237 | 232054 | 25.528 ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.122 | 196 | 518197 | 26.986 ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.216 | 196 | 553498 | 27.175 ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.498 | 154 | 2005213 | 27.456 ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.545 | 162 | 1564842 | 27.199 ng/ul | 99 |
| 45) 2-Nitroaniline | 13.787 | 65 | 554627 | 30.637 ng/ul | 95 |
| 47) Dimethylphthalate | 14.122 | 163 | 1999175 | 27.105 ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.275 | 165 | 426179 | 28.486 ng/ul | 96 |
| 50) Acenaphthylene | 14.387 | 152 | 2448777 | 27.740 ng/ul | 100 |
| 51) 3-Nitroaniline | 14.622 | 138 | 411445 | 35.069 ng/ul | 96 |
| 52) Acenaphthene | 14.728 | 153 | 1699576 | 27.765 ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.863 | 184 | 198746 | 25.039 ng/ul | 90 |
| 55) 4-Nitrophenol | 14.981 | 109 | 317655m | 32.593 ng/ul | |
| 56) Dibenzofuran | 15.069 | 168 | 2329448 | 27.413 ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 15.081 | 165 | 589874 | 28.933 ng/ul | 92 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.310 | 232 | 463188 | 26.476 ng/ul | 99 |
| 59) Diethylphthalate | 15.475 | 149 | 2098600 | 28.117 ng/ul | 99 |
| 61) Fluorene | 15.716 | 166 | 1902412 | 27.601 ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.698 | 204 | 931427 | 26.410 ng/ul | 97 |
| 63) 4-Nitroaniline | 15.798 | 138 | 375346 | 46.744 ng/ul | 88 |
| 66) 4,6-Dinitro-2-methylph... | 15.851 | 198 | 320581 | 25.452 ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 15.928 | 169 | 1614093 | 26.636 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.604 | 248 | 591416 | 25.586 ng/ul | 88 |
| 69) Hexachlorobenzene | 16.728 | 284 | 674555 | 24.732 ng/ul | 96 |
| 70) Atrazine | 16.886 | 200 | 484976 | 20.907 ng/ul | 96 |
| 71) Pentachlorophenol | 17.098 | 266 | 319659 | 24.419 ng/ul | 97 |
| 72) Phenanthrene | 17.469 | 178 | 3028048 | 27.536 ng/ul | 100 |
| 74) Anthracene | 17.569 | 178 | 3036117 | 27.477 ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.469 | 216 | 820415 | 24.908 ng/uL | 100 |
| 76) Pentachlorobenzene | 14.987 | 250 | 1802217 | 54.213 ng/uL | 99 |
| 77) Carbazole | 17.857 | 167 | 2733824 | 29.354 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.357 | 149 | 3803315 | 30.804 ng/ul | 100 |
| 80) Fluoranthene | 19.439 | 202 | 3560062 | 25.000 ng/ul | 95 |
| 82) Pyrene | 19.792 | 202 | 3655566 | 25.165 ng/ul# | 91 |
| 83) Butylbenzylphthalate | 20.633 | 149 | 1718785 | 29.003 ng/ul | 92 |
| 84) 3,3'-Dichlorobenzidine | 21.439 | 252 | 1108026 | 27.933 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.504 | 228 | 3307172 | 26.792 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.380 | 149 | 2529021 | 31.052 ng/ul | 99 |
| 87) Chrysene | 21.563 | 228 | 3254864 | 27.792 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.333 | 149 | 4174817 | 30.834 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.274 | 252 | 3222910 | 27.074 ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.327 | 252 | 3301125 | 27.446 ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.951 | 252 | 2887721 | 27.762 ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.745 | 276 | 3448894 | 24.424 ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.745 | 278 | 2849265 | 24.566 ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.586 | 276 | 2746199 | 23.640 ng/ul# | 95 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
YBW10MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016116.D
Acq On : 09 Jul 2023 04:54
Operator : MA/JU
Sample : 03351-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 09 05:31:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
YBW10MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023