Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP030521\
Data File : BP004910.D
Acq On : 05 Mar 2021 11:13
Operator : CG/JU
Sample : SSTD04077
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 11:43:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 11:17:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD04077

**Manual Integrations APPROVED**
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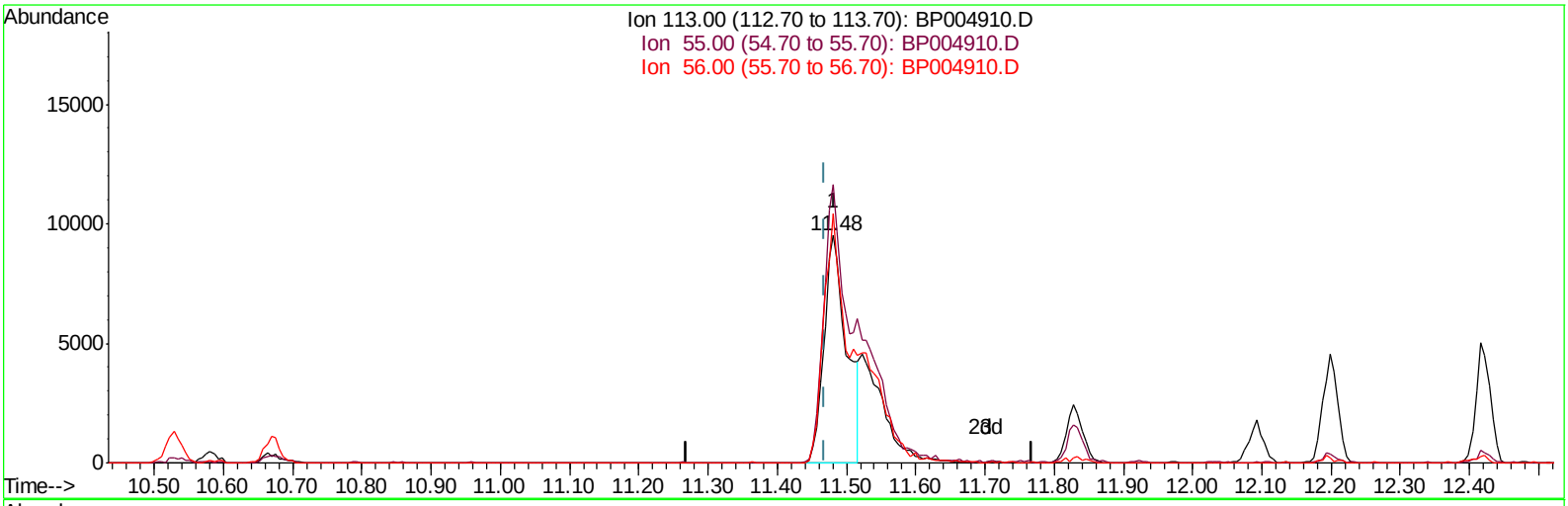


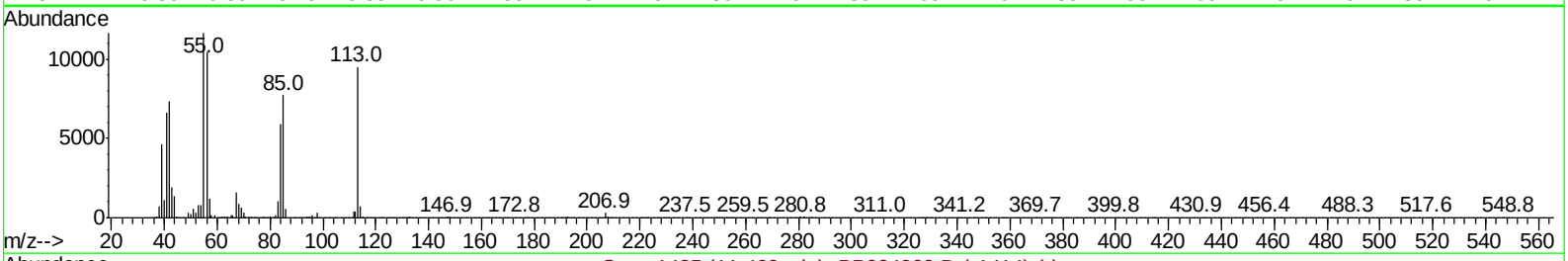


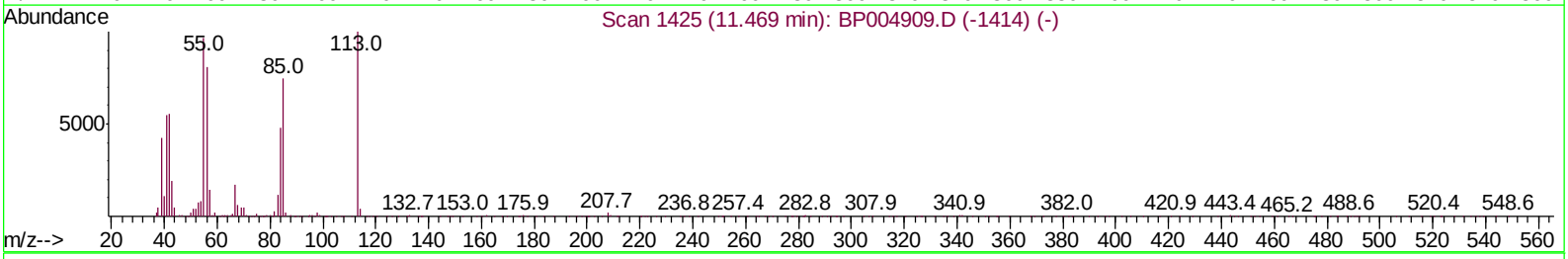


TIC: BP004910.D

(32) Caprolactam

11.481min (+0.012) 26.16ng/ul

response 21533

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 96.70 | 122.29# |
| 56.00 | 80.80 | 109.72# |
| 0.00 | 0.00 | 0.00 |

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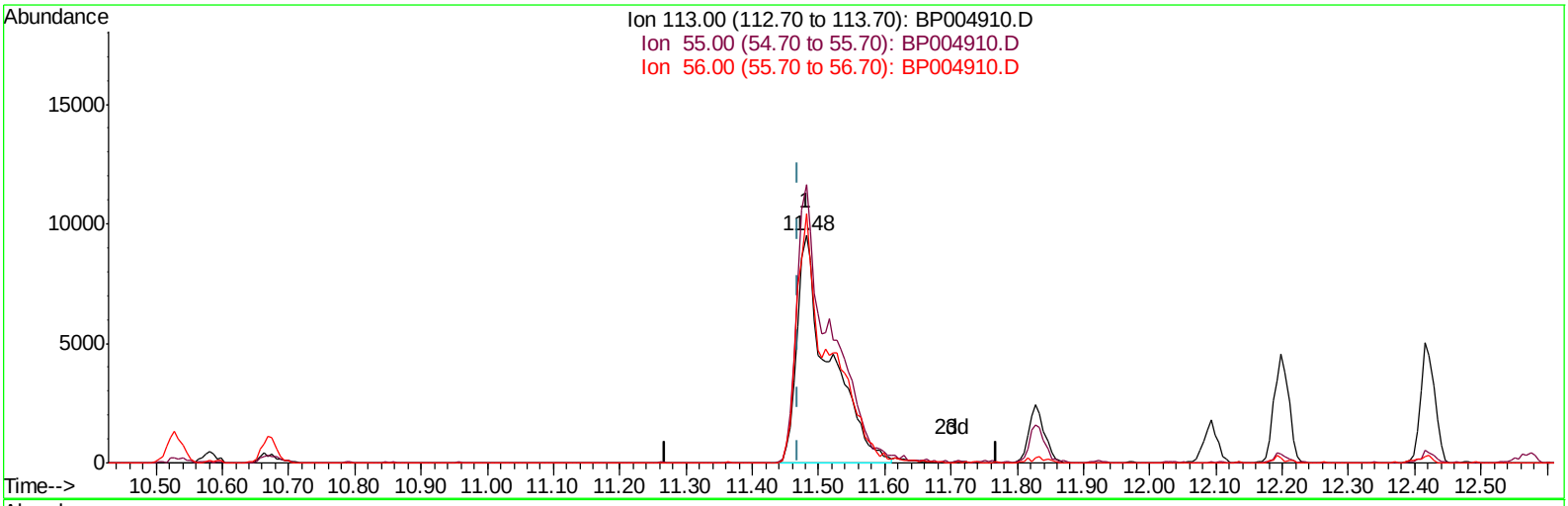
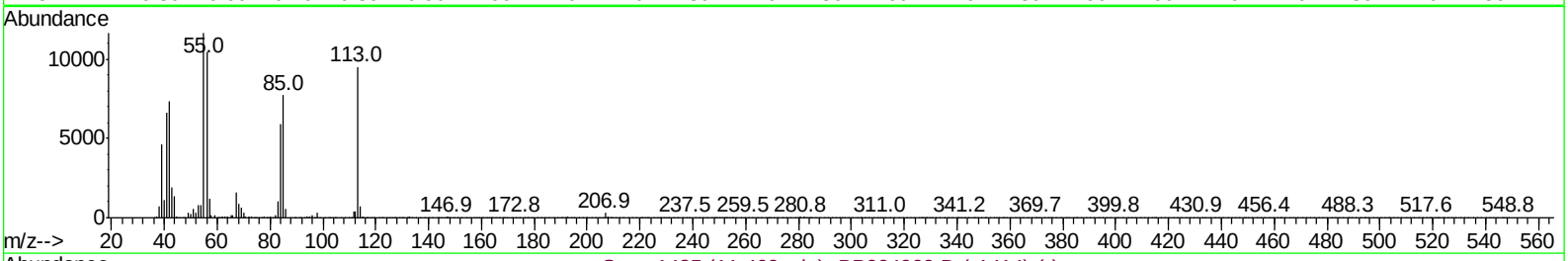
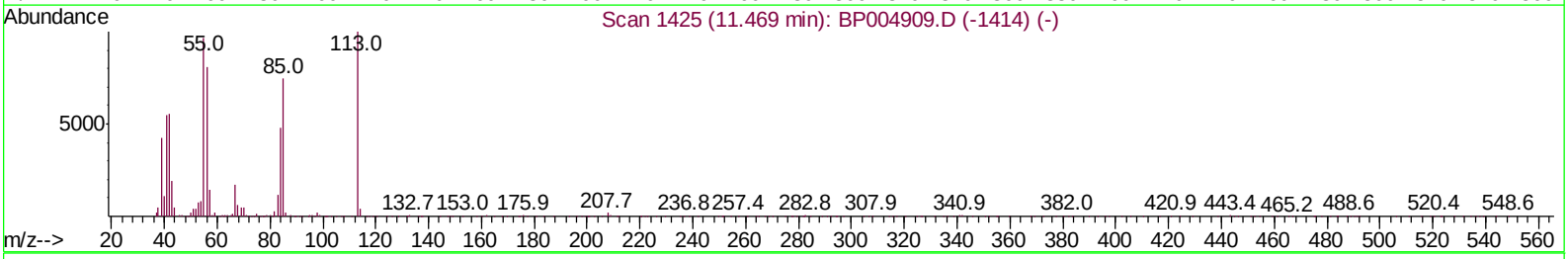
3/8/2021 9:36:16 AM




TIC: BP004910.D

(32) Caprolactam

11.481min (+0.012) 38.77ng/ul m

response 31914

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 96.70 | 122.29# |
| 56.00 | 80.80 | 109.72# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Sample : SSTD04077
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 11:48:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 11:17:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD04077

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 39874 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.53 | 136 | 159228 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.39 | 164 | 108678 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.15 | 188 | 250062 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.25 | 240 | 292255 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.55 | 264 | 294395 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 14471 | 14.28 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 121696 | 37.48 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 62022 | 36.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.28 | 132 | 95471 | 38.11 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.45 | 113 | 97887 | 37.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.89 | 128 | 46138 | 39.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 53185 | 40.84 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.15 | 165 | 104794 | 42.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 123089 | 43.73 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.80 | 166 | 314366 | 39.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.08 | 160 | 388927 | 39.95 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.60 | 143 | 56340 | 39.61 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.39 | 176 | 274539 | 40.61 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 65819 | 40.37 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.25 | 188 | 445146 | 39.25 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.49 | 212 | 527797 | 38.27 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 600813 | 39.82 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 14782 | 13.404 | ng/uL# | 87 |
| 4) Benzaldehyde | 6.89 | 77 | 71779 | 43.251 | ng/ul | 93 |
| 6) Phenol | 6.94 | 94 | 126243 | 36.984 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.17 | 93 | 93790 | 37.334 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.30 | 128 | 100449 | 38.287 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.19 | 108 | 95913 | 37.675 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.27 | 45 | 94095 | 57.931 | ng/ul | 99 |
| 14) Acetophenone | 8.56 | 105 | 159621 | 37.317 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.55 | 70 | 76673 | 37.055 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.52 | 108 | 104591 | 38.182 | ng/ul | 94 |
| 17) Hexachloroethane | 8.81 | 117 | 43870 | 37.981 | ng/ul | 93 |
| 20) Nitrobenzene | 8.94 | 77 | 118404 | 37.651 | ng/ul | 96 |
| 21) Isophorone | 9.46 | 82 | 207777 | 38.618 | ng/ul | 97 |
| 23) 2-Nitrophenol | 9.65 | 139 | 60597 | 41.356 | ng/ul | 92 |
| 24) 2,4-Dimethylphenol | 9.71 | 107 | 127791 | 39.281 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.95 | 93 | 124607 | 38.355 | ng/ul | 97 |
| 27) 2,4-Dichlorophenol | 10.18 | 162 | 102563 | 40.476 | ng/ul | 97 |
| 28) Naphthalene | 10.58 | 128 | 322751 | 38.302 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.70 | 127 | 124969 | 43.068 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.86 | 225 | 78439 | 42.258 | ng/ul | 96 |
| 32) Caprolactam | 11.48 | 113 | 31914m | 38.771 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.83 | 107 | 117582 | 40.751 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.20 | 142 | 239517 | 39.950 | ng/ul | 98 |

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Sample : SSTD04077
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
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Manual Integrations APPROVED
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3/8/2021 9:36:16 AM

Quant Time: Mar 05 11:48:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 11:17:24 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.42 | 142 | 229660 | 39.419 ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216 | 145993 | 41.905 ng/ul | 94 |
| 38) Hexachlorocyclopentadiene | 12.55 | 237 | 93754 | 42.230 ng/ul# | 90 |
| 39) 2,4,6-Trichlorophenol | 12.82 | 196 | 92421 | 42.353 ng/ul | 95 |
| 40) 2,4,5-Trichlorophenol | 12.89 | 196 | 99352 | 42.484 ng/ul | 96 |
| 41) 1,1'-Biphenyl | 13.22 | 154 | 316847 | 38.939 ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.26 | 162 | 251181 | 39.276 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.47 | 65 | 71312 | 38.966 ng/ul | 98 |
| 45) Dimethylphthalate | 13.85 | 163 | 324110 | 39.659 ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.97 | 165 | 69216 | 42.350 ng/ul | 99 |
| 48) Acenaphthylene | 14.11 | 152 | 369284 | 39.625 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.30 | 138 | 60295 | 40.402 ng/ul | 100 |
| 50) Acenaphthene | 14.46 | 153 | 265466 | 39.228 ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.51 | 184 | 45453 | 43.246 ng/ul | 94 |
| 53) 4-Nitrophenol | 14.62 | 109 | 59026 | 38.225 ng/ul | 94 |
| 54) Dibenzofuran | 14.79 | 168 | 383678 | 39.175 ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.76 | 165 | 100787 | 41.857 ng/ul | 89 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.02 | 232 | 93848 | 45.442 ng/ul | 98 |
| 57) Diethylphthalate | 15.23 | 149 | 327367 | 39.609 ng/ul | 98 |
| 59) Fluorene | 15.45 | 166 | 325932 | 39.903 ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.45 | 204 | 179976 | 41.833 ng/ul | 95 |
| 61) 4-Nitroaniline | 15.47 | 138 | 66857 | 39.215 ng/ul | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 66676 | 40.346 ng/ul | 97 |
| 65) N-Nitrosodiphenylamine | 15.66 | 169 | 280482 | 38.200 ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.34 | 248 | 114318 | 43.215 ng/ul | 96 |
| 67) Hexachlorobenzene | 16.45 | 284 | 128975 | 42.476 ng/ul | 98 |
| 68) Atrazine | 16.62 | 200 | 115110 | 39.996 ng/ul | 99 |
| 69) Pentachlorophenol | 16.80 | 266 | 81409 | 43.747 ng/ul | 99 |
| 70) Phenanthrene | 17.19 | 178 | 524755 | 38.610 ng/ul | 100 |
| 72) Anthracene | 17.29 | 178 | 543432 | 39.168 ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216 | 148695 | 39.941 ng/uL | 97 |
| 74) Pentachlorobenzene | 14.71 | 250 | 149838 | 41.322 ng/uL | 95 |
| 75) Carbazole | 17.56 | 167 | 469319 | 38.463 ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.12 | 149 | 565737 | 39.219 ng/ul | 99 |
| 77) Fluoranthene | 19.17 | 202 | 648844 | 39.801 ng/ul | 99 |
| 80) Pyrene | 19.52 | 202 | 679007 | 37.613 ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.40 | 149 | 255603 | 36.287 ng/ul | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.16 | 252 | 258342 | 42.444 ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.23 | 228 | 701865 | 38.866 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 384983 | 36.578 ng/ul | 97 |
| 85) Chrysene | 21.28 | 228 | 670997 | 38.137 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.05 | 149 | 658186 | 33.212 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.85 | 252 | 728657 | 38.927 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.89 | 252 | 715234 | 38.641 ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.45 | 252 | 640975 | 39.000 ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.90 | 276 | 819498 | 38.961 ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.92 | 278 | 704577 | 39.381 ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.63 | 276 | 679588 | 38.809 ng/ul | 98 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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