

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG042717\  
Quantitation Report (Qedit)

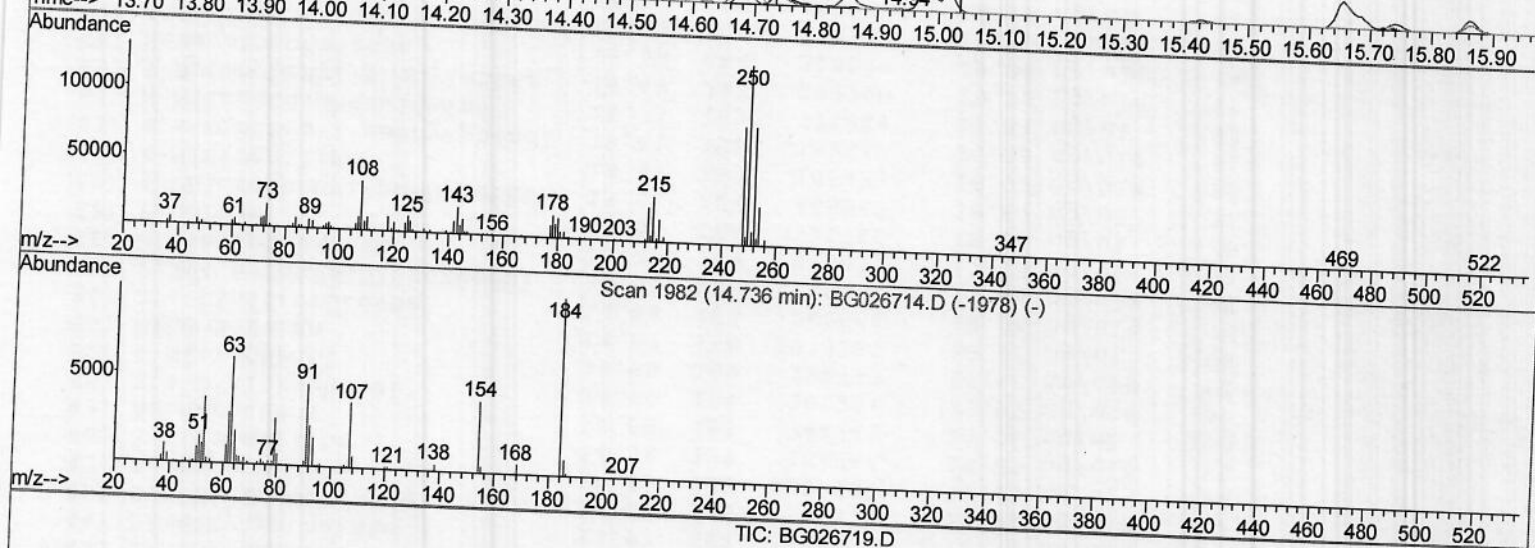
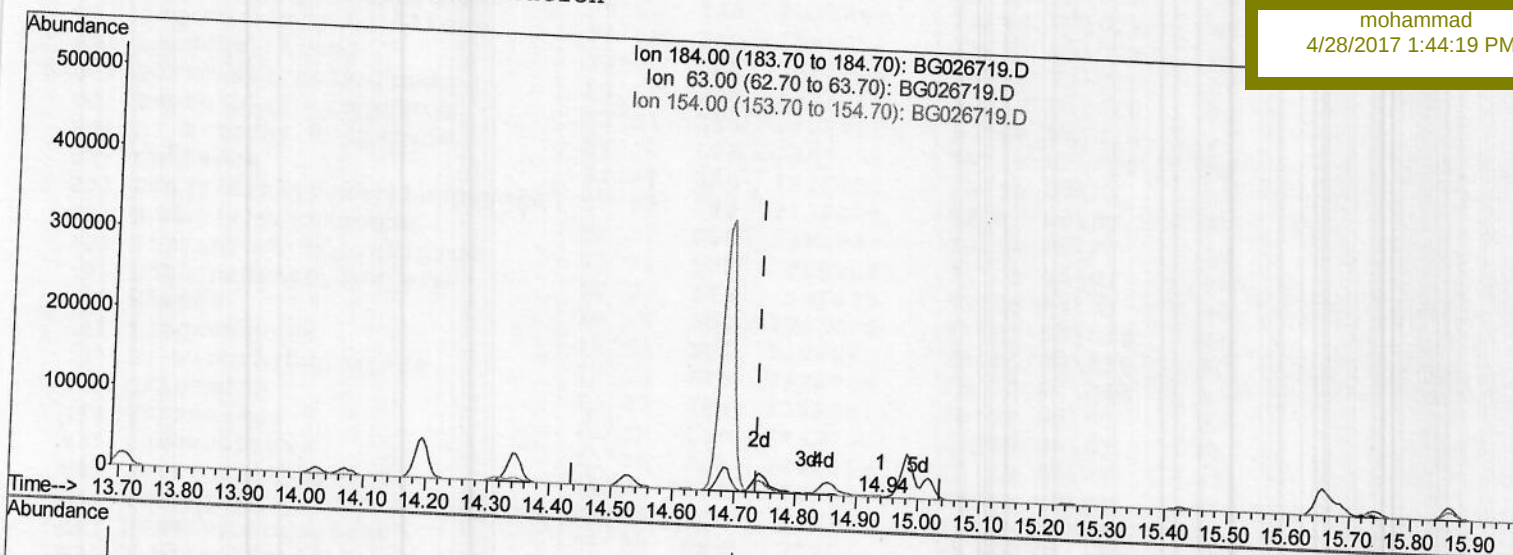
Data File : BG026719.D  
Acq On : 27 Apr 2017 19:21  
Operator : SJ/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 01:42:18 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 27 19:15:12 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02058

Manual Integrations  
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4/28/2017 1:44:19 PM



(50) 2,4-Dinitrophenol

14.939min (+0.202) 0.32ng/ul

response 1173

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 184.00 | 100   | 100   |
| 63.00  | 81.40 | 87.74 |
| 154.00 | 85.30 | 72.16 |
| 0.00   | 0.00  | 0.00  |

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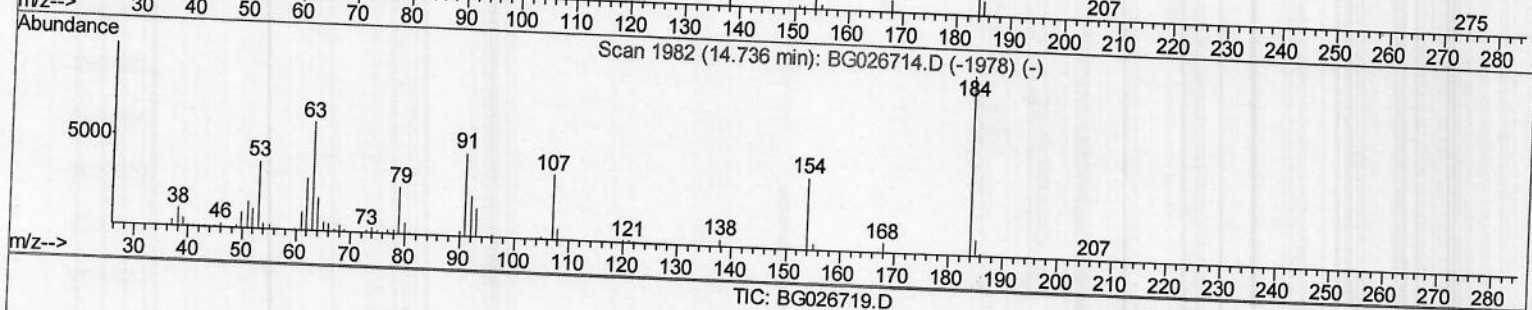
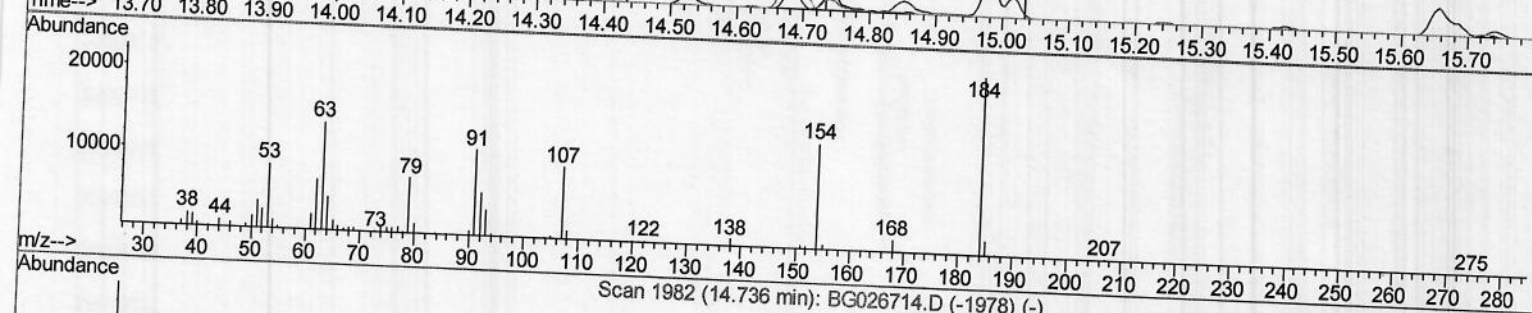
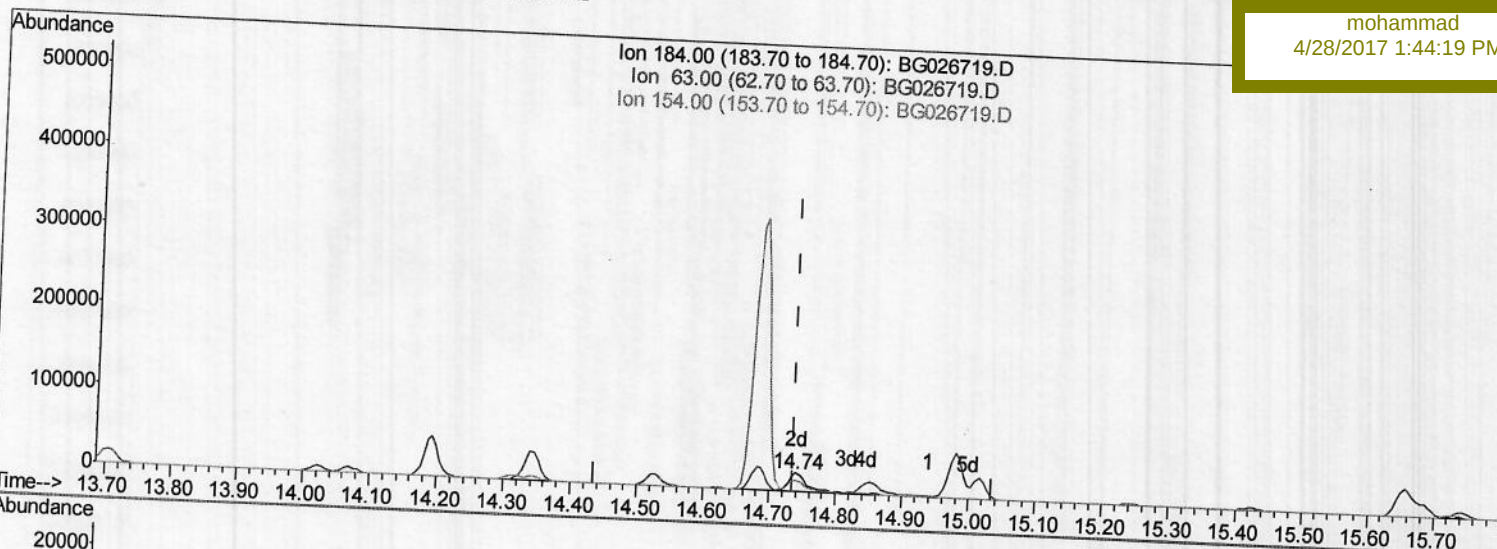
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Manual Integrations  
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(50) 2,4-Dinitrophenol

14.739min (+0.003) 11.67ng/ul m

response 42618

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 184.00 | 100   | 100    |
| 63.00  | 81.40 | 60.76# |
| 154.00 | 85.30 | 59.95# |
| 0.00   | 0.00  | 0.00   |

> S.J  
 05/04/17

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Instrument :  
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Quant Time: Apr 28 01:43:35 2017  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 164999   | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 10.81 | 136  | 775750   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 14.62 | 164  | 429546   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.35 | 188  | 876485   | 20.00 | ng/ul | 0.00      |
| 75) Chrysene-d12          | 21.60 | 240  | 775474   | 20.00 | ng/ul | 0.00      |
| 83) Perylene-d12          | 24.76 | 264  | 804439   | 20.00 | ng/ul | 0.00      |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 27810  | 7.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 293226 | 19.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.33  | 67  | 172512 | 19.92 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 243926 | 19.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.73  | 113 | 242851 | 19.87 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 130403 | 20.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 139071 | 19.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 219787 | 19.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 324934 | 21.66 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 692346 | 20.02 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.32 | 160 | 872635 | 20.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.84 | 143 | 120362 | 19.31 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.61 | 176 | 600109 | 19.89 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 99887  | 18.77 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 851626 | 20.02 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.73 | 212 | 813118 | 19.87 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.54 | 264 | 760966 | 20.01 | ng/ul | 0.00 |

#### Target Compounds

|                                 |       |     |        |       |        | Qvalue |
|---------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                  | 3.46  | 88  | 30220  | 7.23  | ng/uL# | 72     |
| 4) Benzaldehyde                 | 7.15  | 77  | 117387 | 16.49 | ng/ul# | 60     |
| 6) Phenol                       | 7.22  | 94  | 297968 | 19.96 | ng/ul# | 73     |
| 8) Bis(2-Chloroethyl) ether     | 7.42  | 93  | 229528 | 19.92 | ng/ul  | 84     |
| 10) 2-Chlorophenol              | 7.58  | 128 | 239433 | 19.46 | ng/ul# | 79     |
| 11) 2-Methylphenol              | 8.46  | 108 | 232444 | 19.68 | ng/ul  | 92     |
| 12) 2,2'-oxybis(1-Chloropropan  | 8.54  | 45  | 243912 | 20.28 | ng/ul# | 86     |
| 14) Acetophenone                | 8.83  | 105 | 369524 | 20.58 | ng/ul# | 73     |
| 15) N-Nitroso-di-n-propylamine  | 8.80  | 70  | 175372 | 19.80 | ng/ul# | 69     |
| 16) 4-Methylphenol              | 8.79  | 108 | 255791 | 19.80 | ng/ul  | 96     |
| 17) Hexachloroethane            | 9.09  | 117 | 90009  | 19.46 | ng/ul# | 70     |
| 20) Nitrobenzene                | 9.21  | 77  | 248501 | 19.86 | ng/ul# | 75     |
| 21) Isophorone                  | 9.73  | 82  | 483207 | 20.12 | ng/ul# | 89     |
| 23) 2-Nitrophenol               | 9.92  | 139 | 148818 | 20.07 | ng/ul# | 55     |
| 24) 2,4-Dimethylphenol          | 9.99  | 107 | 268703 | 19.88 | ng/ul# | 76     |
| 25) Bis(2-Chloroethoxy) methane | 10.21 | 93  | 322486 | 19.66 | ng/ul# | 94     |
| 27) 2,4-Dichlorophenol          | 10.47 | 162 | 222618 | 19.92 | ng/ul  | 95     |
| 28) Naphthalene                 | 10.86 | 128 | 800282 | 19.82 | ng/ul  | 97     |
| 30) 4-Chloroaniline             | 10.97 | 127 | 307908 | 21.76 | ng/ul  | 96     |
| 31) Hexachlorobutadiene         | 11.14 | 225 | 110312 | 19.51 | ng/ul  | 91     |
| 32) Caprolactam                 | 11.71 | 113 | 85358  | 20.44 | ng/ul# | 53     |
| 33) 4-Chloro-3-methylphenol     | 12.10 | 107 | 245738 | 20.28 | ng/ul# | 85     |
| 34) 2-Methylnaphthalene         | 12.46 | 142 | 591637 | 19.74 | ng/ul  | 94     |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|--------------------------------|-------|------|----------|-------|--------|-----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216  | 220660   | 19.48 | ng/ul  | 94        |
| 37) Hexachlorocyclopentadiene  | 12.81 | 237  | 92256    | 18.49 | ng/ul  | 99        |
| 38) 2,4,6-Trichlorophenol      | 13.06 | 196  | 157820   | 20.26 | ng/ul  | 98        |
| 39) 2,4,5-Trichlorophenol      | 13.15 | 196  | 161651   | 20.07 | ng/ul  | 93        |
| 40) 1,1'-Biphenyl              | 13.46 | 154  | 721411   | 19.98 | ng/ul  | 97        |
| 41) 2-Chloronaphthalene        | 13.50 | 162  | 536503   | 19.77 | ng/ul  | 95        |
| 42) 2-Nitroaniline             | 13.71 | 65   | 155223   | 20.01 | ng/ul# | 67        |
| 44) Dimethylphthalate          | 14.07 | 163  | 673291   | 19.89 | ng/ul  | 99        |
| 45) 2,6-Dinitrotoluene         | 14.19 | 165  | 143044   | 20.03 | ng/ul# | 83        |
| 47) Acenaphthylene             | 14.35 | 152  | 891984   | 20.16 | ng/ul  | 99        |
| 48) 3-Nitroaniline             | 14.53 | 138  | 152058   | 20.23 | ng/ul# | 75        |
| 49) Acenaphthene               | 14.69 | 153  | 611611   | 19.87 | ng/ul  | 95        |
| 50) 2,4-Dinitrophenol          | 14.74 | 184  | 42618m   | 11.67 | ng/ul  |           |
| 52) 4-Nitrophenol              | 14.85 | 109  | 70470    | 19.28 | ng/ul# | 35        |
| 53) Dibenzofuran               | 15.02 | 168  | 814230   | 19.88 | ng/ul  | 97        |
| 54) 2,4-Dinitrotoluene         | 14.98 | 165  | 207732   | 20.32 | ng/ul# | 76        |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 129986   | 20.54 | ng/ul# | 80        |
| 56) Diethylphthalate           | 15.43 | 149  | 721197   | 20.36 | ng/ul  | 98        |
| 58) Fluorene                   | 15.66 | 166  | 668187   | 19.99 | ng/ul  | 100       |
| 59) 4-Chlorophenyl-phenylether | 15.65 | 204  | 291797   | 20.02 | ng/ul  | 92        |
| 60) 4-Nitroaniline             | 15.69 | 138  | 155539   | 18.77 | ng/ul# | 49        |
| 63) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 106571   | 19.23 | ng/ul# | 90        |
| 64) N-Nitrosodiphenylamine     | 15.87 | 169  | 574102   | 19.93 | ng/ul  | 95        |
| 65) 4-Bromophenyl-phenylether  | 16.54 | 248  | 174876   | 19.99 | ng/ul# | 83        |
| 66) Hexachlorobenzene          | 16.67 | 284  | 185605   | 19.71 | ng/ul# | 91        |
| 67) Atrazine                   | 16.81 | 200  | 187092   | 20.78 | ng/ul  | 91        |
| 68) Pentachlorophenol          | 17.02 | 266  | 79343    | 18.45 | ng/ul  | 91        |
| 69) Phenanthrene               | 17.39 | 178  | 993333   | 20.12 | ng/ul  | 99        |
| 71) Anthracene                 | 17.49 | 178  | 1025308  | 20.24 | ng/ul  | 98        |
| 72) Carbazole                  | 17.76 | 167  | 941784   | 21.99 | ng/ul  | 98        |
| 73) Di-n-butylphthalate        | 18.31 | 149  | 1153861  | 20.71 | ng/ul# | 96        |
| 74) Fluoranthene               | 19.40 | 202  | 1029856  | 22.47 | ng/ul# | 81        |
| 77) Pyrene                     | 19.76 | 202  | 1050491  | 20.19 | ng/ul# | 79        |
| 78) Butylbenzylphthalate       | 20.64 | 149  | 491497   | 20.34 | ng/ul# | 82        |
| 79) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 303368   | 20.35 | ng/ul# | 93        |
| 80) Benzo(a)anthracene         | 21.58 | 228  | 900028   | 19.84 | ng/ul  | 98        |
| 81) Bis(2-ethylhexyl)phthalate | 21.48 | 149  | 709215   | 20.57 | ng/ul# | 98        |
| 82) Chrysene                   | 21.64 | 228  | 829711   | 19.69 | ng/ul  | 99        |
| 84) Di-n-octyl phthalate       | 22.66 | 149  | 1199491  | 21.70 | ng/ul  | 100       |
| 85) Benzo(b)fluoranthene       | 23.75 | 252  | 916359   | 19.94 | ng/ul# | 94        |
| 86) Benzo(k)fluoranthene       | 23.82 | 252  | 890828   | 19.72 | ng/ul# | 93        |
| 88) Benzo(a)pyrene             | 24.61 | 252  | 892886   | 19.74 | ng/ul# | 93        |
| 89) Indeno(1,2,3-cd)pyrene     | 28.35 | 276  | 1046319  | 19.51 | ng/ul# | 81        |
| 90) Dibenzo(a,h)anthracene     | 28.41 | 278  | 886271   | 19.49 | ng/ul# | 85        |
| 91) Benzo(g,h,i)perylene       | 29.47 | 276  | 874396   | 19.66 | ng/ul# | 79        |

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

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(QT Reviewed)

Misc :

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