

Data File : BM024995.D  
Acq On : 21 Feb 2020 20:10  
Operator : CG/JU  
Sample : L1582-04  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Feb 22 02:09:42 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Feb 22 01:15:56 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.34  | 152  | 161048   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.11 | 136  | 655450   | 20.00 | ng/ul | 0.02     |
| 36) Acenaphthene-d10      | 14.00 | 164  | 487428   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.75 | 188  | 1092120  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.97 | 240  | 1189350  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.04 | 264  | 1413714  | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 2.94  | 96  | 22570   | 6.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.54  | 99  | 80471   | 7.52  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.69  | 67  | 242869  | 40.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.88  | 132 | 265982  | 27.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.06  | 113 | 161644  | 17.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.48  | 128 | 171412  | 36.16 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.20  | 143 | 199336  | 35.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.74  | 165 | 351877  | 31.15 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.26 | 131 | 52300   | 4.95  | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6       | 13.43 | 166 | 1246227 | 33.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.68 | 160 | 1535689 | 35.74 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.24 | 143 | 32563   | 5.45  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.00 | 176 | 1191040 | 36.56 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.14 | 200 | 222344  | 31.23 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.85 | 188 | 1934890 | 38.81 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.16 | 212 | 2315323 | 38.92 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.92 | 264 | 2690490 | 37.89 | ng/ul | 0.00 |

|                         |       |     |           |          |        |     |
|-------------------------|-------|-----|-----------|----------|--------|-----|
| Target Compounds        |       |     | Qvalue    |          |        |     |
| 28) Naphthalene         | 10.15 | 128 | 42882413m | 1280.472 | ng/ul  |     |
| 34) 2-Methylnaphthalene | 11.79 | 142 | 12678570  | 513.946  | ng/ul  | 100 |
| 41) 1,1'-Biphenyl       | 12.82 | 154 | 2889568   | 80.304   | ng/ul# | 98  |
| 45) Dimethylphthalate   | 13.47 | 163 | 66437     | 1.731    | ng/ul  | 100 |
| 48) Acenaphthylene      | 13.71 | 152 | 151102    | 3.395    | ng/ul# | 85  |
| 50) Acenaphthene        | 14.07 | 153 | 11448182  | 380.878  | ng/ul  | 98  |
| 54) Dibenzofuran        | 14.41 | 168 | 9725999   | 217.074  | ng/ul  | 98  |
| 59) Fluorene            | 15.06 | 166 | 7030538   | 190.394  | ng/ul  | 98  |
| 70) Phenanthrene        | 16.80 | 178 | 12017282  | 201.810  | ng/ul  | 97  |
| 72) Anthracene          | 16.89 | 178 | 366115    | 6.062    | ng/ul  | 99  |
| 75) Carbazole           | 17.16 | 167 | 5139261   | 102.148  | ng/ul  | 99  |
| 77) Fluoranthene        | 18.82 | 202 | 894107    | 12.231   | ng/ul  | 97  |
| 80) Pyrene              | 19.19 | 202 | 471399    | 5.988    | ng/ul# | 95  |

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

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