

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060120\  
 Data File : BM026230.D  
 Acq On : 02 Jun 2020 16:39  
 Operator : JU/CG  
 Sample : L2829-12DL 2X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 C5CE5DL

Manual Integrations  
 APPROVED

mohammad  
 6/3/2020 8:43:04 AM

Quant Time: Jun 02 17:21:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 02 03:00:44 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 172476   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 672685   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 388307   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 753837   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 744303   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 792330   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 2960   | 0.52  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.67  | 99  | 53352  | 3.41  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67  | 152402 | 14.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.01  | 132 | 139457 | 11.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 91015  | 7.72  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.61  | 128 | 93258  | 17.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.33  | 143 | 90339  | 16.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.86  | 165 | 153451 | 14.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d     | 0.00  | ng/ul |      |
| 44) Dimethylphthalate-d6       | 13.55 | 166 | 462382 | 14.85 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 561235 | 15.21 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00  | ng/ul |      |
| 58) Fluorene-d10               | 15.12 | 176 | 399584 | 14.75 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 90526m | 20.60 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.97 | 188 | 594844 | 16.01 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.27 | 212 | 625824 | 16.37 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.05 | 264 | 609749 | 14.46 | ng/ul | 0.00 |

## Target Compounds

|                               |       |     |          |          | Ovalue |    |
|-------------------------------|-------|-----|----------|----------|--------|----|
| 27) 2,4-Dichlorophenol        | 9.89  | 162 | 21685    | 1.920    | ng/ul  | 97 |
| 28) Naphthalene               | 10.28 | 128 | 490107   | 11.916   | ng/ul  | 99 |
| 34) 2-Methylnaphthalene       | 11.90 | 142 | 623955   | 22.555   | ng/ul  | 99 |
| 39) 2,4,6-Trichlorophenol     | 12.53 | 196 | 18430    | 2.276    | ng/ul  | 94 |
| 40) 2,4,5-Trichlorophenol     | 12.60 | 196 | 312436   | 34.967   | ng/ul  | 99 |
| 41) 1,1'-Biphenyl             | 12.94 | 154 | 235623   | 6.838    | ng/ul  | 99 |
| 45) Dimethylphthalate         | 13.59 | 163 | 82770    | 2.532    | ng/ul# | 94 |
| 48) Acenaphthylene            | 13.84 | 152 | 53533    | 1.322    | ng/ul# | 22 |
| 50) Acenaphthene              | 14.18 | 153 | 153378   | 5.370    | ng/ul  | 99 |
| 54) Dibenzofuran              | 14.52 | 168 | 108095   | 2.693    | ng/ul# | 70 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.76 | 232 | 398458   | 53.028   | ng/ul# | 98 |
| 59) Fluorene                  | 15.17 | 166 | 187849   | 5.785    | ng/ul# | 95 |
| 69) Pentachlorophenol         | 16.57 | 266 | 13207207 | 2429.545 | ng/ul  | 98 |
| 70) Phenanthrene              | 16.92 | 178 | 638904   | 13.455   | ng/ul  | 98 |
| 72) Anthracene                | 17.00 | 178 | 130228m  | 2.734    | ng/ul  |    |
| 77) Fluoranthene              | 18.93 | 202 | 79579    | 1.598    | ng/ul# | 92 |
| 80) Pyrene                    | 19.30 | 202 | 181198   | 3.468    | ng/ul  | 98 |

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

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