

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\  
 Data File : BP001918.D  
 Acq On : 26 Feb 2020 09:17  
 Operator : CG/JU  
 Sample : L1543-08  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBD92

Manual Integrations  
 APPROVED

mohammad  
 2/28/2020 8:49:18 AM

Quant Time: Feb 27 03:21:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 26 05:53:41 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 336428   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 1428995  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 926437   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.05 | 188  | 2125582  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 2164652  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.36 | 264  | 2079105  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 37155   | 4.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 774054  | 30.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 427318  | 28.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 670749  | 32.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 630110  | 31.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 332006  | 34.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 371659  | 42.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 732057  | 35.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 782796  | 31.81 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 2322965 | 35.73 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 2739201 | 34.22 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 370990  | 32.77 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 2073945 | 35.47 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 277463  | 33.11 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.15 | 188 | 3314274 | 35.39 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 3903390 | 35.14 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.22 | 264 | 3814477 | 37.99 | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |         |        | Ovalue |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| 6) Phenol                      | 6.85  | 94  | 45390   | 1.685  | ng/ul# | 90  |
| 45) Dimethylphthalate          | 13.75 | 163 | 339475  | 4.961  | ng/ul  | 99  |
| 70) Phenanthrene               | 17.09 | 178 | 125749  | 1.073  | ng/ul  | 98  |
| 72) Anthracene                 | 17.17 | 178 | 369072  | 3.187  | ng/ul  | 100 |
| 75) Carbazole                  | 17.45 | 167 | 118695  | 1.229  | ng/ul  | 99  |
| 77) Fluoranthene               | 19.06 | 202 | 1752816 | 13.964 | ng/ul  | 97  |
| 80) Pyrene                     | 19.42 | 202 | 2264921 | 15.383 | ng/ul  | 97  |
| 83) Benzo(a)anthracene         | 21.12 | 228 | 1082674 | 7.595  | ng/ul  | 98  |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 147804  | 1.952  | ng/ul  | 100 |
| 85) Chrysene                   | 21.17 | 228 | 1744659 | 12.528 | ng/ul  | 99  |
| 88) Benzo(b)fluoranthene       | 22.69 | 252 | 2947146 | 24.090 | ng/ul  | 99  |
| 89) Benzo(k)fluoranthene       | 22.73 | 252 | 788170m | 6.215  | ng/ul  |     |
| 91) Benzo(a)pyrene             | 23.26 | 252 | 932464  | 8.133  | ng/ul  | 99  |
| 92) Indeno(1,2,3-cd)pyrene     | 25.59 | 276 | 748037  | 5.223  | ng/ul# | 94  |
| 93) Dibenzo(a,h)anthracene     | 25.59 | 278 | 179366  | 1.491  | ng/ul# | 83  |
| 94) Benzo(g,h,i)perylene       | 26.27 | 276 | 485708  | 3.989  | ng/ul  | 98  |

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

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