

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\  
 Data File : BM021528.D  
 Acq On : 18 Jul 2019 17:53  
 Operator : HP/JU  
 Sample : K3822-09  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF4B0

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 4:01:14 PM

Quant Time: Jul 19 01:41:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 00:39:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 168473   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 657479   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 379894   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 861681   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.30 | 240  | 841751   | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.56 | 264  | 980500   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 5864    | 1.71  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.89  | 99  | 113988  | 8.70  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 228794  | 29.46 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 292031  | 25.90 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 197388  | 18.92 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 170022  | 31.39 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 190774  | 31.15 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 357405  | 29.26 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 34843   | 3.16  | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.78 | 166 | 1096821 | 32.97 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.06 | 160 | 1265255 | 30.29 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 34328   | 6.51  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.36 | 176 | 940914  | 31.68 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 138730  | 23.95 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.21 | 188 | 1457588 | 32.57 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.51 | 212 | 1631825 | 35.32 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.41 | 264 | 1840072 | 32.63 | ng/ul | -0.01 |

## Target Compounds

|                         |       |     |           |         | Ovalue    |
|-------------------------|-------|-----|-----------|---------|-----------|
| 6) Phenol               | 6.92  | 94  | 40052     | 3.194   | ng/ul 98  |
| 28) Naphthalene         | 10.56 | 128 | 27326291m | 798.620 | ng/ul     |
| 34) 2-Methylnaphthalene | 12.17 | 142 | 3160189   | 125.296 | ng/ul 99  |
| 40) 1,1'-Biphenyl       | 13.19 | 154 | 1178266   | 37.057  | ng/ul 99  |
| 44) Dimethylphthalate   | 13.83 | 163 | 146799    | 4.738   | ng/ul 99  |
| 47) Acenaphthylene      | 14.08 | 152 | 193535    | 5.325   | ng/ul# 91 |
| 49) Acenaphthene        | 14.43 | 153 | 4045125   | 153.171 | ng/ul 100 |
| 53) Dibenzofuran        | 14.76 | 168 | 3761043   | 98.311  | ng/ul 98  |
| 58) Fluorene            | 15.42 | 166 | 2719827   | 87.875  | ng/ul 99  |
| 69) Phenanthrene        | 17.16 | 178 | 3407102   | 70.124  | ng/ul 100 |
| 71) Anthracene          | 17.24 | 178 | 275471    | 5.571   | ng/ul 98  |
| 74) Carbazole           | 17.53 | 167 | 2593820   | 63.193  | ng/ul 99  |
| 76) Fluoranthene        | 19.17 | 202 | 584950    | 10.139  | ng/ul 99  |
| 79) Pyrene              | 19.54 | 202 | 340856    | 6.119   | ng/ul 99  |

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

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