

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\  
 Data File : BM027280.D  
 Acq On : 27 Aug 2020 17:23  
 Operator : JU/CG  
 Sample : L3776-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F4Y05

Manual Integrations  
 APPROVED

mohammad  
 8/28/2020 1:33:10 PM

Quant Time: Aug 27 17:55:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM082520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 27 16:42:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 126076   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.37 | 136  | 499862   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.23 | 164  | 361270   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.98 | 188  | 790458   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.18 | 240  | 648385   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.36 | 264  | 589918   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 15052   | 6.76  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 83087   | 8.13  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 227404  | 34.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 222263  | 28.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 158623  | 19.33 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 129948  | 32.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 147921  | 32.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.00 | 165 | 70698   | 7.50  | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 292237  | 28.79 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.65 | 166 | 1109432 | 38.71 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.92 | 160 | 1306400 | 38.55 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.46 | 143 | 40743m  | 8.43  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.23 | 176 | 970861  | 39.24 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 139927  | 27.14 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.08 | 188 | 1592131 | 42.44 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.38 | 212 | 1679585 | 44.91 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.23 | 264 | 1318271 | 40.09 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |           |         | Ovalue    |
|-------------------------|-------|-----|-----------|---------|-----------|
| 6) Phenol               | 6.82  | 94  | 246539    | 23.065  | ng/ul 93  |
| 28) Naphthalene         | 10.43 | 128 | 22768978m | 855.288 | ng/ul     |
| 32) Caprolactam         | 11.41 | 113 | 1364664   | 497.579 | ng/ul 97  |
| 34) 2-Methylnaphthalene | 12.03 | 142 | 591050    | 29.228  | ng/ul 99  |
| 41) 1,1'-Biphenyl       | 13.07 | 154 | 371179    | 13.092  | ng/ul 98  |
| 45) Dimethylphthalate   | 13.70 | 163 | 68275     | 2.295   | ng/ul 100 |
| 50) Acenaphthene        | 14.30 | 153 | 37786     | 1.592   | ng/ul 98  |
| 59) Fluorene            | 15.29 | 166 | 83249     | 2.881   | ng/ul 97  |

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

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