

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\  
 Data File : BM029490.D  
 Acq On : 15 Apr 2021 07:03  
 Operator : CG/JU  
 Sample : M1957-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B12

Quant Time: Apr 15 07:38:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 15 03:22:59 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 121227   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 465988   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 241270   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.06 | 188  | 400837   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 293456   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 297016   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |      |     |    |      |       |  |
|--------------------------------|------|-----|----|------|-------|--|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0  | 0.00 | ng/uL |  |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |  |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0  | 0.00 | ng/ul |  |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |  |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |  |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |  |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |  |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0d | 0.00 | ng/ul |  |
| 44) Dimethylphthalate-d6       | 0.00 | 166 | 0  | 0.00 | ng/ul |  |
| 47) Acenaphthylene-d8          | 0.00 | 160 | 0  | 0.00 | ng/ul |  |
| 52) 4-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 58) Fluorene-d10               | 0.00 | 176 | 0  | 0.00 | ng/ul |  |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |  |
| 71) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |  |
| 79) Pyrene-d10                 | 0.00 | 212 | 0  | 0.00 | ng/ul |  |
| 90) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |  |

## Target Compounds

|                          |       |     |       |       | Ovalue |    |
|--------------------------|-------|-----|-------|-------|--------|----|
| 70) Phenanthrene         | 17.10 | 178 | 41056 | 1.779 | ng/ul  | 98 |
| 77) Fluoranthene         | 19.12 | 202 | 71439 | 2.735 | ng/ul  | 99 |
| 80) Pyrene               | 19.47 | 202 | 40782 | 2.098 | ng/ul  | 96 |
| 83) Benzo(a)anthracene   | 21.22 | 228 | 25920 | 1.401 | ng/ul  | 95 |
| 85) Chrysene             | 21.27 | 228 | 29741 | 1.644 | ng/ul  | 98 |
| 88) Benzo(b)fluoranthene | 22.78 | 252 | 30851 | 1.614 | ng/ul# | 89 |

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

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