

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\  
 Data File : BM026986.D  
 Acq On : 03 Aug 2020 19:50  
 Operator : JU/CG  
 Sample : L3424-05DL 25X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0S80DL

Manual Integrations  
 APPROVED

mohammad  
 8/5/2020 10:26:24 AM

Quant Time: Aug 04 04:31:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 03 10:21:18 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 102554   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 406354   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 244161   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 501940   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.22 | 240  | 483014   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.43 | 264  | 484895   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 69     | 0.03 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 7564   | 0.84 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 5141   | 0.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 5913   | 0.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 5769   | 0.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 3054   | 0.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 2704   | 0.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 5446   | 0.79 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 2137   | 0.26 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 17261  | 0.90 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.98 | 160 | 20690  | 0.85 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 1183m  | 0.37 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 14069  | 0.84 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 993    | 0.44 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 25513m | 1.02 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 25200  | 0.98 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.29 | 264 | 24519  | 0.90 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue    |
|----------------------------|-------|-----|---------|--------|-----------|
| 28) Naphthalene            | 10.48 | 128 | 47450   | 2.090  | ng/ul 97  |
| 48) Acenaphthylene         | 14.01 | 152 | 117302  | 4.739  | ng/ul 99  |
| 70) Phenanthrene           | 17.07 | 178 | 64369m  | 2.113  | ng/ul     |
| 72) Anthracene             | 17.17 | 178 | 230323  | 7.355  | ng/ul 99  |
| 77) Fluoranthene           | 19.09 | 202 | 344320  | 9.571  | ng/ul 99  |
| 80) Pyrene                 | 19.46 | 202 | 468538  | 13.333 | ng/ul 98  |
| 83) Benzo(a)anthracene     | 21.21 | 228 | 308414m | 9.264  | ng/ul     |
| 85) Chrysene               | 21.26 | 228 | 392776  | 12.098 | ng/ul 97  |
| 88) Benzo(b)fluoranthene   | 22.78 | 252 | 1199368 | 34.576 | ng/ul 99  |
| 89) Benzo(k)fluoranthene   | 22.82 | 252 | 435594  | 13.087 | ng/ul 98  |
| 91) Benzo(a)pyrene         | 23.33 | 252 | 385221  | 12.307 | ng/ul 98  |
| 92) Indeno(1,2,3-cd)pyrene | 25.64 | 276 | 544530  | 14.023 | ng/ul 96  |
| 93) Dibenzo(a,h)anthracene | 25.64 | 278 | 146907  | 4.473  | ng/ul# 88 |
| 94) Benzo(g,h,i)perylene   | 26.31 | 276 | 195223  | 6.080  | ng/ul 99  |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\  
Data File : BM026986.D  
Acq On : 03 Aug 2020 19:50  
Operator : JU/CG  
Sample : L3424-05DL 25X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0S80DL

Manual Integrations  
APPROVED

mohammad  
8/5/2020 10:26:24 AM

Quant Time: Aug 04 04:31:52 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 03 10:21:18 2020  
Response via : Initial Calibration

