

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\  
 Data File : BM029893.D  
 Acq On : 08 May 2021 01:47  
 Operator : CG/JU  
 Sample : M2192-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG595

Manual Integrations  
 APPROVED

mohammad  
 5/10/2021 11:45:33 AM

Quant Time: May 10 07:46:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 07 23:49:53 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 212898   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.33 | 136  | 956161   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.20 | 164  | 626623   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 16.95 | 188  | 1238561  | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.14 | 240  | 985588   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.30 | 264  | 900086   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 11027m  | 2.07  | ng/uL | 0.00 |
| 4) Pyridine-d5                 | 3.52  | 84  | 52160m  | 3.91  | ng/ul | 0.04 |
| 7) Phenol-d5                   | 6.74  | 99  | 196435  | 9.92  | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 140825  | 11.47 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4          | 7.09  | 132 | 173391  | 11.35 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 8.28  | 113 | 174714  | 10.67 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5            | 8.71  | 128 | 87194   | 13.23 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.43  | 143 | 90926   | 12.23 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 167686  | 11.24 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 10.48 | 131 | 225955  | 9.96  | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6       | 13.62 | 166 | 695865  | 14.33 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 13.89 | 160 | 902463  | 14.66 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 14.45 | 143 | 40477   | 5.12  | ng/ul | 0.01 |
| 60) Fluorene-d10               | 15.20 | 176 | 650723  | 15.78 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 29903   | 3.72  | ng/ul | 0.00 |
| 73) Anthracene-d10             | 17.05 | 188 | 1021030 | 16.37 | ng/ul | 0.00 |
| 81) Pyrene-d10                 | 19.35 | 212 | 1035366 | 20.48 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12         | 23.16 | 264 | 827780  | 16.22 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |          |        | Ovalue    |
|----------------------------|-------|-----|----------|--------|-----------|
| 30) Naphthalene            | 10.38 | 128 | 179036   | 3.373  | ng/ul 99  |
| 36) 2-Methylnaphthalene    | 12.00 | 142 | 59583    | 1.548  | ng/ul 96  |
| 37) 1-Methylnaphthalene    | 12.22 | 142 | 100069   | 2.623  | ng/ul# 96 |
| 47) Dimethylphthalate      | 13.67 | 163 | 86056    | 1.769  | ng/ul 97  |
| 50) Acenaphthylene         | 13.92 | 152 | 190670   | 3.203  | ng/ul 97  |
| 52) Acenaphthene           | 14.27 | 153 | 145495   | 3.458  | ng/ul 100 |
| 61) Fluorene               | 15.26 | 166 | 176683   | 3.587  | ng/ul# 97 |
| 72) Phenanthrene           | 16.99 | 178 | 1789450  | 24.503 | ng/ul 99  |
| 74) Anthracene             | 17.08 | 178 | 727276   | 9.741  | ng/ul 98  |
| 80) Fluoranthene           | 19.02 | 202 | 2317870  | 37.668 | ng/ul 99  |
| 82) Pyrene                 | 19.38 | 202 | 2954240  | 45.621 | ng/ul 98  |
| 85) Benzo(a)anthracene     | 21.12 | 228 | 1623467m | 25.247 | ng/ul     |
| 87) Chrysene               | 21.17 | 228 | 1531795  | 23.917 | ng/ul 98  |
| 90) Benzo(b)fluoranthene   | 22.66 | 252 | 1193435  | 20.441 | ng/ul# 93 |
| 91) Benzo(k)fluoranthene   | 22.69 | 252 | 305850m  | 4.983  | ng/ul     |
| 93) Benzo(a)pyrene         | 23.20 | 252 | 1158044  | 21.840 | ng/ul 97  |
| 94) Indeno(1,2,3-cd)pyrene | 25.44 | 276 | 497875   | 7.758  | ng/ul 98  |
| 95) Dibenzo(a,h)anthracene | 25.45 | 278 | 159401   | 2.930  | ng/ul# 85 |
| 96) Benzo(g,h,i)perylene   | 26.11 | 276 | 481536   | 9.260  | ng/ul 98  |

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

