

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051582.D  
 Acq On : 16 Dec 2021 22:57  
 Operator : CG/JU  
 Sample : M5013-03DL2 20X  
 Misc :  
 ALS Vial : 82 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLT2DL2

Quant Time: Dec 17 00:13:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 14 14:19:57 2021  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/17/2021  
 Supervised By :Yogesh Patel 12/23/2021

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.278  | 152  | 26055    | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.116 | 136  | 116646   | 20.000  | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.911 | 164  | 87147    | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.654 | 188  | 221843m  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.978 | 240  | 230184   | 20.000  | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 25.473 | 264  | 232475   | 20.000  | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0        | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000   | ng/u1  |          |
| 7) Phenol-d5                  | 7.409  | 99   | 1503     | 0.646   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.579  | 67   | 2533     | 1.832   | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.803  | 132  | 2750     | 1.700   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.966  | 113  | 1890     | 1.051   | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 9.442  | 128  | 1511     | 1.767   | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.176 | 143  | 1534     | 1.641   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.722 | 165  | 3190     | 1.573   | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.239 | 131  | 1518m    | 0.569   | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.300 | 166  | 11958    | 1.714   | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.605 | 160  | 14993    | 1.731   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1  |          |
| 60) Fluorene-d10              | 15.898 | 176  | 10765    | 1.723   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.997 | 200  | 1411     | 1.221   | ng/u1  | -0.01    |
| 73) Anthracene-d10            | 17.754 | 188  | 18896    | 1.786   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.027 | 212  | 22197    | 1.602   | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.226 | 264  | 19384m   | 1.585   | ng/u1  | -0.03    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 11.175 | 128  | 2055740  | 327.121 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.755 | 142  | 227272   | 50.692  | ng/u1  | 97       |
| 37) 1-Methylnaphthalene       | 12.972 | 142  | 108591   | 23.327  | ng/u1  | 97       |
| 43) 1,1'-Biphenyl             | 13.748 | 154  | 54446    | 8.156   | ng/u1# | 93       |
| 52) Acenaphthene              | 14.975 | 153  | 143895   | 25.699  | ng/u1  | 96       |
| 56) Dibenzofuran              | 15.310 | 168  | 186173   | 22.577  | ng/u1  | 94       |
| 61) Fluorene                  | 15.956 | 166  | 64100    | 9.434   | ng/u1  | 100      |
| 72) Phenanthrene              | 17.701 | 178  | 117709m  | 10.316  | ng/u1  |          |
| 77) Carbazole                 | 18.053 | 167  | 82096    | 7.953   | ng/u1  | 98       |

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

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