

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120821\  
 Data File : BG051420.D  
 Acq On : 8 Dec 2021 23:50  
 Operator : CG/JU  
 Sample : M4960-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKS2

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021  
 Supervised By :Yogesh Patel 12/16/2021

Quant Time: Dec 09 07:32:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG120821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 09 03:21:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.185  | 152  | 23328    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.017 | 136  | 103509   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.819 | 164  | 70529    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.568 | 188  | 156407   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.869 | 240  | 148047   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.271 | 264  | 143315   | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.526  | 96   | 3586m    | 5.048  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.973  | 84   | 18489    | 9.064  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.363  | 99   | 20148    | 8.484  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.504  | 67   | 50370    | 33.074 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.721  | 132  | 45393    | 26.866 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.914  | 113  | 35073    | 18.799 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.366  | 128  | 30654    | 34.139 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.095 | 143  | 32404    | 31.892 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.647 | 165  | 53373    | 32.290 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.158 | 131  | 57958    | 23.973 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.214 | 166  | 206409   | 37.821 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.519 | 160  | 249130   | 36.044 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.089 | 143  | 6315     | 7.686  | ng/u1  | 0.03     |
| 60) Fluorene-d10              | 15.812 | 176  | 174830   | 35.987 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.953 | 200  | 32945    | 35.446 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.668 | 188  | 304559   | 41.617 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.954 | 212  | 361873   | 40.666 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.042 | 264  | 313681   | 42.435 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 32) 4-Chloroaniline           | 11.188 | 127  | 11287    | 4.641  | ng/u1  | 97       |
| 43) 1,1'-Biphenyl             | 13.661 | 154  | 12000    | 2.276  | ng/u1# | 91       |
| 56) Dibenzofuran              | 15.224 | 168  | 7335     | 1.156  | ng/u1  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.705 | 149  | 13003    | 1.996  | ng/u1# | 98       |
| -----                         |        |      |          |        |        |          |

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

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