

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110123\  
 Data File : BG059586.D  
 Acq On : 1 Nov 2023 20:45  
 Operator : MA/JU  
 Sample : 04922-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EOAR7

Quant Time: Nov 02 03:56:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG102723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 28 03:56:42 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023  
 Supervised By :mohammad ahmed 11/03/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|--------|-----------|
| -----                         |        |      |          |        |        |           |
| Internal Standards            |        |      |          |        |        |           |
| 1) 1,4-Dichlorobenzene-d4     | 8.358  | 152  | 77759    | 20.000 | ng/u1  | 0.00      |
| 20) Naphthalene-d8            | 11.207 | 136  | 522452   | 20.000 | ng/u1  | 0.00      |
| 38) Acenaphthene-d10          | 14.985 | 164  | 294392   | 20.000 | ng/u1  | 0.00      |
| 64) Phenanthrene-d10          | 17.735 | 188  | 625122m  | 20.000 | ng/u1  | 0.00      |
| 79) Chrysene-d12              | 22.071 | 240  | 491881m  | 20.000 | ng/u1  | 0.00      |
| 88) Perylene-d12              | 25.679 | 264  | 534770m  | 20.000 | ng/u1  | -0.02     |
| System Monitoring Compounds   |        |      |          |        |        |           |
| 3) 1,4-Dioxane-d8             | 3.652  | 96   | 4670     | 2.247  | ng/uL  | 0.00      |
| 4) Pyridine-d5                | 4.086  | 84   | 16447    | 2.832  | ng/u1  | 0.00      |
| 7) Phenol-d5                  | 7.465  | 99   | 103594   | 12.965 | ng/u1  | 0.00      |
| 9) Bis-(2-Chloroethyl)eth...  | 7.670  | 67   | 49117    | 13.383 | ng/u1  | 0.00      |
| 11) 2-Chlorophenol-d4         | 7.870  | 132  | 92672    | 14.296 | ng/u1  | 0.00      |
| 15) 4-Methylphenol-d8         | 9.039  | 113  | 56788    | 8.958  | ng/u1  | 0.00      |
| 21) Nitrobenzene-d5           | 9.551  | 128  | 48011    | 12.924 | ng/u1  | 0.00      |
| 24) 2-Nitrophenol-d4          | 10.273 | 143  | 70660    | 18.528 | ng/u1  | -0.02     |
| 28) 2,4-Dichlorophenol-d3     | 10.796 | 165  | 122165   | 14.540 | ng/u1  | 0.00      |
| 31) 4-Chloroaniline-d4        | 11.343 | 131  | 143389   | 10.367 | ng/u1  | 0.00      |
| 46) Dimethylphthalate-d6      | 14.380 | 166  | 366249   | 13.732 | ng/u1  | 0.00      |
| 49) Acenaphthylene-d8         | 14.686 | 160  | 432478   | 13.817 | ng/u1  | 0.00      |
| 54) 4-Nitrophenol-d4          | 15.144 | 143  | 69409    | 15.176 | ng/u1  | 0.00      |
| 60) Fluorene-d10              | 15.972 | 176  | 323388   | 14.188 | ng/u1  | 0.00      |
| 65) 4,6-Dinitro-2-methylph... | 16.072 | 200  | 36494m   | 12.327 | ng/u1  | 0.00      |
| 73) Anthracene-d10            | 17.835 | 188  | 483258   | 14.269 | ng/u1  | 0.00      |
| 81) Pyrene-d10                | 20.103 | 212  | 541717   | 15.844 | ng/u1  | 0.00      |
| 92) Benzo(a)pyrene-d12        | 25.426 | 264  | 487845m  | 15.492 | ng/u1  | -0.02     |
| Target Compounds              |        |      |          |        |        |           |
| 16) Acetophenone              | 9.204  | 105  | 38752    | 3.878  | ng/u1# | Qvalue 93 |
| -----                         |        |      |          |        |        |           |

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

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