

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062124\  
 Data File : BG061615.D  
 Acq On : 21 Jun 2024 11:22  
 Operator : MA/JU  
 Sample : P2754-16DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DG4DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 11:57:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 05:03:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.073  | 152  | 44992    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.888 | 136  | 217830   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.701 | 164  | 155330   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.445 | 188  | 405895   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.710 | 240  | 377274   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.936 | 264  | 443647   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.467  | 96   | 807      | 0.648  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.210  | 99   | 26662    | 5.459  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.398  | 67   | 16327    | 5.362  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.598  | 132  | 19449    | 5.803  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.767  | 113  | 21653    | 5.735  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.231  | 128  | 8591     | 5.808  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.959  | 143  | 7926     | 5.291  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.494 | 165  | 26713    | 7.531  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.017 | 131  | 25748    | 4.795  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.108 | 166  | 81813    | 6.844  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.395 | 160  | 91314    | 6.971  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.865 | 143  | 12854    | 6.261  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.688 | 176  | 75431    | 7.208  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.788 | 200  | 8296     | 4.780  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.545 | 188  | 132337   | 7.143  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.819 | 212  | 152171   | 7.221  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.707 | 264  | 148746   | 7.020  | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.233  | 94   | 27968    | 5.441  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.492  | 93   | 107875   | 27.885 | ng/u1# | 97       |
| 12) 2-Chlorophenol            | 7.627  | 128  | 77511    | 23.050 | ng/u1  | 90       |
| 17) N-Nitroso-di-n-propyla... | 8.873  | 70   | 102237   | 30.611 | ng/u1  | 99       |
| 23) Isophorone                | 9.801  | 82   | 309828   | 31.618 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.995  | 139  | 24896    | 15.893 | ng/u1# | 86       |
| 29) 2,4-Dichlorophenol        | 10.518 | 162  | 137631   | 42.350 | ng/u1  | 97       |
| 30) Naphthalene               | 10.935 | 128  | 383060   | 31.428 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 12.139 | 107  | 29500    | 6.491  | ng/u1  | 88       |
| 36) 2-Methylnaphthalene       | 12.539 | 142  | 290113   | 33.733 | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.126 | 196  | 23294    | 8.213  | ng/u1# | 75       |
| 42) 2,4,5-Trichlorophenol     | 13.191 | 196  | 48217    | 15.597 | ng/u1  | 92       |
| 48) 2,6-Dinitrotoluene        | 14.272 | 165  | 135019   | 68.548 | ng/u1# | 92       |
| 50) Acenaphthylene            | 14.425 | 152  | 342610   | 23.430 | ng/u1  | 97       |
| 52) Acenaphthene              | 14.766 | 153  | 363265   | 35.872 | ng/u1  | 94       |
| 55) 4-Nitrophenol             | 14.877 | 109  | 26211    | 12.364 | ng/u1  | 94       |
| 56) Dibenzofuran              | 15.095 | 168  | 269341   | 19.006 | ng/u1  | 92       |
| 57) 2,4-Dinitrotoluene        | 15.048 | 165  | 43341    | 14.824 | ng/u1# | 89       |
| 59) Diethylphthalate          | 15.518 | 149  | 501098   | 40.990 | ng/u1  | 96       |
| 61) Fluorene                  | 15.747 | 166  | 294553   | 25.115 | ng/u1  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.741 | 204  | 138540   | 23.796 | ng/u1  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.634 | 248  | 71549    | 17.120 | ng/u1  | 89       |
| 71) Pentachlorophenol         | 17.081 | 266  | 91446    | 29.600 | ng/u1  | 95       |
| 72) Phenanthrene              | 17.486 | 178  | 249014   | 11.661 | ng/u1  | 98       |

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| -----                         |        |      |          |        |        |          |
| 74) Anthracene                | 17.580 | 178  | 620941   | 28.436 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.408 | 149  | 661505   | 29.830 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.489 | 202  | 542361   | 22.181 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.747 | 149  | 51904    | 5.483  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.687 | 228  | 405922   | 15.328 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.622 | 149  | 974854   | 70.059 | ng/ul  | 96       |
| 89) Di-n-octyl phthalate      | 22.850 | 149  | 882712   | 37.724 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.908 | 252  | 316166m  | 11.855 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.978 | 252  | 252182   | 9.195  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.777 | 252  | 229255   | 8.929  | ng/ul# | 97       |
| 95) Dibenzo(a,h)anthracene    | 28.685 | 278  | 182496   | 6.860  | ng/ul# | 97       |
| 96) Benzo(g,h,i)perylene      | 29.742 | 276  | 442995   | 17.177 | ng/ul  | 95       |
| -----                         |        |      |          |        |        |          |

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

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