

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060723\  
 Data File : BP015420.D  
 Acq On : 08 Jun 2023 04:10  
 Operator : MA/JU  
 Sample : 02950-21  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW997

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/12/2023

Quant Time: Jun 08 05:19:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 07 23:46:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.099  | 152  | 124972   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.928 | 136  | 572886   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.740 | 164  | 419943   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.498 | 188  | 1018708  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.574 | 240  | 1095157  | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.133 | 264  | 1269188  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.411  | 96   | 6244     | 1.850  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.252  | 99   | 99749    | 8.664  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.416  | 67   | 69204    | 10.065 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.622  | 132  | 82779    | 9.917  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.816  | 113  | 57738    | 6.110  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.275  | 128  | 44469    | 9.887  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.004 | 143  | 49780    | 9.692  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.552 | 165  | 86186    | 9.198  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.075 | 131  | 93481    | 6.951  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.145 | 166  | 386568   | 11.673 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.434 | 160  | 399421   | 11.031 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.957 | 143  | 32743m   | 5.521  | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.734 | 176  | 335725   | 12.022 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 200  | 41650    | 6.454  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.592 | 188  | 576603   | 12.440 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.816 | 212  | 767760   | 13.098 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.963 | 264  | 803939   | 12.624 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
| 6) Benzaldehyde               | 7.240  | 77   | 6548     | 1.488  | ng/u1  | 86       |
| 8) Phenol                     | 7.281  | 94   | 17117    | 1.441  | ng/u1# | 89       |
| 16) Acetophenone              | 8.934  | 105  | 75441    | 5.003  | ng/u1  | 98       |
| 82) Pyrene                    | 19.845 | 202  | 110056   | 1.490  | ng/u1  | 99       |
| 87) Chrysene                  | 21.616 | 228  | 75646    | 1.045  | ng/u1  | 96       |

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

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