

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
 Data File : BM049554.D  
 Acq On : 31 Jan 2025 12:16  
 Operator : RC/JU  
 Sample : Q1184-14DL 100X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E2965DL

Quant Time: Feb 03 10:03:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 28 14:45:18 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025  
 Supervised By :mohammad ahmed 02/04/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.510  | 152  | 214804   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.269 | 136  | 817143   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.151 | 164  | 569124   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.909 | 188  | 1173641  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.144 | 240  | 1147284  | 20.000 | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.927 | 264  | 1246776  | 20.000 | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.116  | 96   | 287      | 0.050  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 6.728  | 99   | 1916     | 0.110  | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.857  | 67   | 4489     | 0.377  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.051  | 132  | 4779     | 0.354  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.233  | 113  | 3431     | 0.269  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.663  | 128  | 2725     | 0.436  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.375  | 143  | 2533     | 0.371  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.916  | 165  | 5749     | 0.413  | ng/u1  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.427 | 131  | 3037     | 0.170  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.574 | 166  | 14323    | 0.343  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.839 | 160  | 18488    | 0.377  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.157 | 176  | 15047    | 0.410  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.009 | 188  | 29914    | 0.510  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.315 | 212  | 28424    | 0.424  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.738 | 264  | 29069    | 0.437  | ng/u1  | 0.01     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.751  | 94   | 228933   | 12.513 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.304  | 108  | 67729    | 4.894  | ng/u1  | 92       |
| 26) 2,4-Dimethylphenol        | 9.516  | 107  | 411004m  | 29.499 | ng/u1  |          |
| 30) Naphthalene               | 10.316 | 128  | 79748    | 1.833  | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

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

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