

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021025\  
 Data File : BM049605.D  
 Acq On : 10 Feb 2025 10:49  
 Operator : RC/JU  
 Sample : SSTD0.142  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.1027

Quant Time: Feb 11 11:04:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 11 11:03:09 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.826  | 152  | 4917     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.622 | 136  | 12196    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.459 | 164  | 6142     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.199 | 188  | 12390    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.374 | 240  | 6313     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.666 | 264  | 5395     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000 | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 12.211 | 152  | 1557     | 0.096 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.224 | 212  | 2537     | 0.107 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.666 | 128  | 3079     | 0.100 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.283 | 142  | 1888     | 0.098 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.503 | 142  | 1889     | 0.097 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.177 | 152  | 2704     | 0.098 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.524 | 153  | 1937     | 0.099 | ng/ul  | 98       |
| 12) Fluorene                | 15.509 | 166  | 2078     | 0.096 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.241 | 178  | 3367     | 0.098 | ng/ul  | 95       |
| 16) Anthracene              | 17.330 | 178  | 2738     | 0.092 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.256 | 202  | 3356     | 0.104 | ng/ul# | 96       |
| 20) Pyrene                  | 19.614 | 202  | 3444     | 0.107 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.356 | 228  | 1847     | 0.097 | ng/ul# | 93       |
| 22) Chrysene                | 21.409 | 228  | 2622     | 0.106 | ng/ul  | 94       |
| 24) Benzo(b)fluoranthene    | 22.976 | 252  | 1840     | 0.110 | ng/ul  | 73       |
| 25) Benzo(k)fluoranthene    | 23.022 | 252  | 2675     | 0.114 | ng/ul# | 68       |
| 26) Benzo(a)pyrene          | 23.566 | 252  | 1787     | 0.119 | ng/ul# | 62       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.001 | 276  | 2874     | 0.153 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.021 | 278  | 2026     | 0.153 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 26.708 | 276  | 2677     | 0.150 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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