

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010324\  
 Data File : BF136922.D  
 Acq On : 03 Jan 2024 22:57  
 Operator : CG\JU  
 Sample : 05899-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-08

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024  
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 04 03:43:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 58178    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 210435   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.810  | 164  | 93036    | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 140651   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.963 | 240  | 129186   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 135120   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 353238   | 94.735 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 423157   | 87.584 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 254883   | 61.979 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 83946    | 76.614 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.133  | 172  | 467098   | 67.527 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.898 | 244  | 377516   | 40.838 | ng    | -0.02    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 31) Naphthalene               | 8.081  | 128  | 38371    | 3.319  | ng    | 98       |
| 58) Fluorene                  | 10.363 | 166  | 18921    | 2.797  | ng    | # 98     |
| 71) Phenanthrene              | 11.327 | 178  | 75453    | 10.455 | ng    | 98       |
| 72) Anthracene                | 11.380 | 178  | 164641   | 22.526 | ng    | 99       |
| 73) Carbazole                 | 11.545 | 167  | 55605    | 8.069  | ng    | 99       |
| 75) Fluoranthene              | 12.527 | 202  | 74602    | 9.664  | ng    | 99       |
| 78) Pyrene                    | 12.757 | 202  | 56139    | 4.427  | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.951 | 228  | 34924    | 3.893  | ng    | 96       |
| 83) Chrysene                  | 13.986 | 228  | 32475m   | 3.702  | ng    |          |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 85450    | 14.718 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 15.010 | 252  | 38432m   | 4.258  | ng    |          |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 26414    | 3.467  | ng    | # 90     |
| -----                         |        |      |          |        |       |          |

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

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