

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110724\  
 Data File : BN034892.D  
 Acq On : 07 Nov 2024 14:24  
 Operator : RC/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN110724

Quant Time: Nov 07 15:03:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 15:02:36 2024  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|         | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 2       | 1,4-Dioxane                | 0.505 | 0.440 | 12.9  | 88    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.682 | 0.577 | 15.4  | 89    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.115 | 0.988 | 11.4  | 93    | 0.00     |
| 5 S     | Phenol-d6                  | 1.480 | 1.288 | 13.0  | 94    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.277 | 1.163 | 8.9   | 95    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.312 | 0.269 | 13.8  | 97    | 0.00     |
| 9       | Naphthalene                | 1.110 | 1.047 | 5.7   | 102   | 0.01     |
| 10      | Hexachlorobutadiene        | 0.177 | 0.167 | 5.6   | 101   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.545 | 0.517 | 5.1   | 106   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.679 | 0.648 | 4.6   | 107   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 111   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.118 | 0.100 | 15.3  | 129   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.690 | 1.515 | 10.4  | 109   | 0.00     |
| 16      | Acenaphthylene             | 1.929 | 1.667 | 13.6  | 111   | 0.00     |
| 17      | Acenaphthene               | 1.335 | 1.189 | 10.9  | 112   | 0.00     |
| 18      | Fluorene                   | 1.662 | 1.501 | 9.7   | 114   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 122   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.044 | 0.030 | 31.8# | 116   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.213 | 0.202 | 5.2   | 122   | 0.00     |
| 22      | Hexachlorobenzene          | 0.257 | 0.250 | 2.7   | 121   | 0.00     |
| 23      | Atrazine                   | 0.154 | 0.140 | 9.1   | 127   | 0.00     |
| 24      | Pentachlorophenol          | 0.077 | 0.058 | 24.7  | 128   | 0.00     |
| 25      | Phenanthrene               | 1.227 | 1.149 | 6.4   | 120   | 0.00     |
| 26      | Anthracene                 | 1.058 | 0.969 | 8.4   | 122   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.902 | 0.864 | 4.2   | 131   | 0.00     |
| 28      | Fluoranthene               | 1.291 | 1.239 | 4.0   | 133   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 143   | 0.00     |
| 30      | Pyrene                     | 2.025 | 1.858 | 8.2   | 133   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.749 | 0.722 | 3.6   | 139   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.559 | 1.439 | 7.7   | 144   | 0.00     |
| 33      | Chrysene                   | 1.650 | 1.597 | 3.2   | 144   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.895 | 0.729 | 18.5  | 145   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 151#  | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.782 | 1.469 | 17.6  | 132   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.757 | 1.662 | 5.4   | 143   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.828 | 1.645 | 10.0  | 144   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.396 | 1.216 | 12.9  | 137   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.379 | 1.139 | 17.4  | 132   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.464 | 1.263 | 13.7  | 128   | 0.00     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

**Instrument :**

BNA\_N

**ClientSampleId :**

ICVBN110724