

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE051017\  
 Data File : BE092976.D  
 Acq On : 10 May 2017 11:12  
 Operator : SJ/MA  
 Sample : I2872-15DL 200X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PT-BNA-SOILDL

Quant Time: May 10 11:53:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE051017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 10 03:43:15 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 858      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.53 | 136  | 3554     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.39 | 164  | 1787     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 4501     | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.28 | 240  | 4964     | 0.40 | ng    | 0.00     |
| 33) Perylene-d12          | 23.70 | 264  | 4308     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.35  | 112 | 1236 | 0.51 | ng | 0.00 |
| 5) Phenol-d6                | 6.95  | 99  | 1675 | 0.56 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.90  | 82  | 862  | 0.31 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 0.00  | 152 | 0    | 0.00 | ng |      |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 212  | 0.46 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.01 | 172 | 2520 | 0.38 | ng | 0.00 |
| 24) Fluoranthene-d10        | 0.00  | 212 | 0    | 0.00 | ng |      |
| 28) Terphenyl-d14           | 19.74 | 244 | 2601 | 0.34 | ng | 0.00 |

|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 6) bis(2-Chloroethyl)ether     | 7.20  | 93  | 2947  | 1.00   | ng | # 99  |
| 16) Acenaphthylene             | 14.10 | 152 | 17715 | 0.59   | ng | 100   |
| 17) Acenaphthene               | 14.46 | 154 | 2088  | 0.37   | ng | 98    |
| 18) Fluorene                   | 15.44 | 166 | 2256  | 0.33   | ng | 99    |
| 20) Hexachlorobenzene          | 16.47 | 284 | 2410  | 1.14   | ng | # 100 |
| 22) Phenanthrene               | 17.18 | 178 | 4593  | 0.36   | ng | 99    |
| 25) Fluoranthene               | 19.17 | 202 | 15921 | 0.26   | ng | # 99  |
| 27) Pyrene                     | 19.53 | 202 | 19598 | 0.30   | ng | # 98  |
| 29) Benzo(a)anthracene         | 21.27 | 228 | 5577  | 0.47   | ng | 98    |
| 30) Chrysene                   | 21.32 | 228 | 8034  | 0.51   | ng | 98    |
| 31) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 2555  | 0.58   | ng | 98    |
| 32) Indeno(1,2,3-cd)pyrene     | 26.24 | 276 | 23391 | 0.43   | ng | 100   |
| 34) Benzo(b)fluoranthene       | 22.95 | 252 | 5568  | 0.42   | ng | 98    |
| 35) Benzo(k)fluoranthene       | 23.00 | 252 | 10769 | 0.76   | ng | 94    |
| 36) Benzo(a)pyrene             | 23.59 | 252 | 6302  | 0.51   | ng | 97    |
| 37) Dibenzo(a,h)anthracene     | 26.25 | 278 | 5972  | 0.49   | ng | 97    |

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

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