

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110123\  
 Data File : VY016171.D  
 Acq On : 01 Nov 2023 16:13  
 Operator : SY/MD  
 Sample : BLK  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BLK

Quant Time: Nov 02 02:27:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y103123S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 01 03:33:29 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.801  | 168   | 146173   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 245747   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.502 | 117   | 228657   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.434 | 152   | 109771   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65    | 77256    | 56.482   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 112.960% |          |
| 35) Dibromofluoromethane    | 7.728  | 113   | 66936    | 45.688   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 91.380%  |          |
| 50) Toluene-d8              | 10.191 | 98    | 286961   | 49.402   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 98.800%  |          |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 103646   | 52.181   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 104.360% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 20) Methylene Chloride      | 4.729  | 84    | 15837    | 8.879    | ug/l #     | 84       |
| 30) Chloroform              | 7.515  | 83    | 7555     | 2.898    | ug/l       | 94       |
| 39) Methylcyclohexane       | 9.197  | 83    | 3012     | 1.193    | ug/l       | 92       |
| 47) Bromodichloromethane    | 9.502  | 83    | 3976     | 1.888    | ug/l #     | 98       |
| 51) 4-Methyl-2-Pentanone    | 10.081 | 43    | 1662     | 1.787    | ug/l #     | 85       |
| 52) Toluene                 | 10.252 | 92    | 39056    | 9.924    | ug/l       | 94       |
| 67) Ethyl Benzene           | 11.599 | 91    | 69159    | 8.511    | ug/l       | 97       |
| 68) m/p-Xylenes             | 11.703 | 106   | 63620    | 20.262   | ug/l       | 95       |
| 69) o-Xylene                | 12.038 | 106   | 13419    | 4.476    | ug/l       | 96       |
| 78) n-propylbenzene         | 12.678 | 91    | 12564    | 1.291    | ug/l       | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.819 | 105   | 7826     | 1.173    | ug/l       | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.129 | 105   | 39037    | 5.914    | ug/l       | 95       |
| 95) Naphthalene             | 15.239 | 128   | 31269    | 8.185    | ug/l       | 99       |
| -----                       |        |       |          |          |            |          |

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

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