

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042623\  
 Data File : VY013469.D  
 Acq On : 26 Apr 2023 13:32  
 Operator : KP/MD  
 Sample : VIBLK  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Apr 27 01:32:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:39:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 147862   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 265617   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 259713   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 122098   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 113634   | 70.106   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 140.220% |          |
| 35) Dibromofluoromethane    | 7.716  | 113   | 95375    | 57.090   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 114.180% |          |
| 50) Toluene-d8              | 10.179 | 98    | 335527   | 56.457   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 112.920% |          |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 119478   | 59.633   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 119.260% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 67) Ethyl Benzene           | 11.593 | 91    | 18376    | 1.850    | ug/l       | 99       |
| 68) m/p-Xylenes             | 11.697 | 106   | 14358    | 3.802    | ug/l       | 99       |
| 69) o-Xylene                | 12.026 | 106   | 4166     | 1.166    | ug/l       | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.117 | 105   | 20571    | 2.807    | ug/l       | 99       |
| 91) 1,2-Dichlorobenzene     | 13.739 | 146   | 9147     | 2.376    | ug/l       | 91       |
| 93) 1,2,4-Trichlorobenzene  | 15.007 | 180   | 2414     | 1.052    | ug/l #     | 77       |
| 95) Naphthalene             | 15.233 | 128   | 14399    | 2.891    | ug/l       | 96       |
| -----                       |        |       |          |          |            |          |

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

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