

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021122\  
 Data File : VY007479.D  
 Acq On : 11 Feb 2022 15:03  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Feb 12 02:54:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 115834   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 204150   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 202511   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 90648    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 71792    | 53.883   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 107.760% |          |
| 35) Dibromofluoromethane    | 7.722  | 113   | 66362    | 50.622   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 101.240% |          |
| 50) Toluene-d8              | 10.179 | 98    | 249035   | 51.419   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 102.840% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 95337    | 57.915   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 115.820% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 39) Methylcyclohexane       | 9.179  | 83    | 17354    | 6.030    | ug/l       | 94       |
| 67) Ethyl Benzene           | 11.593 | 91    | 272698   | 31.899   | ug/l       | 99       |
| 68) m/p-Xylenes             | 11.697 | 106   | 9264     | 2.926    | ug/l       | 94       |
| 69) o-Xylene                | 12.026 | 106   | 3963     | 1.324    | ug/l       | 100      |
| 73) Isopropylbenzene        | 12.325 | 105   | 24255    | 2.928    | ug/l       | 99       |
| 78) n-propylbenzene         | 12.672 | 91    | 125623   | 12.519   | ug/l       | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.813 | 105   | 63942    | 9.461    | ug/l       | 95       |
| 85) sec-Butylbenzene        | 13.252 | 105   | 14972    | 1.697    | ug/l #     | 59       |
| 86) p-Isopropyltoluene      | 13.367 | 119   | 8148     | 1.133    | ug/l       | 99       |
| 89) n-Butylbenzene          | 13.697 | 91    | 45951m   | 6.641    | ug/l       |          |
| 95) Naphthalene             | 15.233 | 128   | 301737   | 82.326   | ug/l       | 99       |
| -----                       |        |       |          |          |            |          |

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

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