

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100324\  
 Data File : VY019786.D  
 Acq On : 03 Oct 2024 14:31  
 Operator : SY/MD  
 Sample : P4275-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TRE-1300

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024  
 Supervised By :Semsettin Yesilyurt 10/04/2024

Quant Time: Oct 04 01:27:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc       | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|------------|--------|----------|
| -----                       |                |      |                     |            |        |          |
| Internal Standards          |                |      |                     |            |        |          |
| 1) Pentafluorobenzene       | 7.707          | 168  | 253637              | 50.000     | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.616          | 114  | 456613              | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.414         | 117  | 351851              | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.340         | 152  | 102105              | 50.000     | ug/l   | 0.00     |
|                             |                |      |                     |            |        |          |
| System Monitoring Compounds |                |      |                     |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.061          | 65   | 139892              | 59.563     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 119.120% |            |        |          |
| 35) Dibromofluoromethane    | 7.640          | 113  | 133588              | 51.600     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 103.200% |            |        |          |
| 50) Toluene-d8              | 10.103         | 98   | 584277              | 61.016     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = 122.040% |            |        |          |
| 62) 4-Bromofluorobenzene    | 12.401         | 95   | 152888              | 41.523     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 29 - 146 |      | Recovery = 83.040%  |            |        |          |
|                             |                |      |                     |            |        |          |
| Target Compounds            |                |      |                     |            |        |          |
|                             |                |      |                     |            |        | Qvalue   |
| 16) Acetone                 | 3.872          | 43   | 63455891m           | 113410.307 | ug/l   |          |
| 25) 2-Butanone              | 6.915          | 43   | 66731               | 83.855     | ug/l # | 79       |
| 31) Cyclohexane             | 7.683          | 56   | 800336              | 190.408    | ug/l # | 51       |
| 39) Methylcyclohexane       | 9.109          | 83   | 1628663             | 347.407    | ug/l # | 87       |
| 40) Benzene                 | 8.079          | 78   | 25030               | 2.307      | ug/l   | 99       |
| 52) Toluene                 | 10.164         | 92   | 19095151            | 2736.364   | ug/l # | 1        |
| 67) Ethyl Benzene           | 11.517         | 91   | 6318615             | 513.805    | ug/l   | 97       |
| 68) m/p-Xylenes             | 11.621         | 106  | 11667179            | 2509.053   | ug/l   | 77       |
| 69) o-Xylene                | 11.950         | 106  | 5189738             | 1141.204   | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.249         | 105  | 634725              | 85.688     | ug/l   | 98       |
| 78) n-propylbenzene         | 12.590         | 91   | 2179237             | 248.211    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.731         | 105  | 2451176             | 407.043    | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.035         | 105  | 8094748             | 1357.979   | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.170         | 105  | 319100              | 40.292     | ug/l   | 80       |
| 86) p-Isopropyltoluene      | 13.285         | 119  | 179420              | 27.690     | ug/l   | 95       |
| 89) n-Butylbenzene          | 13.608         | 91   | 394177              | 63.634     | ug/l # | 80       |
| 95) Naphthalene             | 15.139         | 128  | 167571              | 48.296     | ug/l   | 95       |
| -----                       |                |      |                     |            |        |          |

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

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