

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010423\  
 Data File : VN076098.D  
 Acq On : 04 Jan 2023 21:56  
 Operator : JC\MD  
 Sample : 01019-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 33885

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 01/05/2023  
 Supervised By :Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 01:30:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.236          | 168  | 350690     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 547569     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871         | 117  | 474143     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 225180     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 175039     | 45.880  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 91.760% |        |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 164004     | 48.364  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 96.720% |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 626964     | 49.450  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 98.900% |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 205379     | 48.908  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 97.820% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 4.453          | 43   | 11489      | 8.736   | ug/l # | 84       |
| 19) Methyl tert-butyl Ether | 5.812          | 73   | 3934       | 0.384   | ug/l   | 94       |
| 40) Benzene                 | 8.612          | 78   | 54880      | 3.949   | ug/l   | 95       |
| 52) Toluene                 | 10.635         | 92   | 172327     | 19.038  | ug/l   | 97       |
| 67) Ethyl Benzene           | 11.965         | 91   | 124632     | 7.588   | ug/l   | 99       |
| 68) m/p-Xylenes             | 12.071         | 106  | 242577     | 37.315  | ug/l   | 99       |
| 69) o-Xylene                | 12.400         | 106  | 154064     | 23.948  | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.700         | 105  | 24291      | 1.493   | ug/l   | 94       |
| 78) n-propylbenzene         | 13.041         | 91   | 175283     | 9.766   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 13.176         | 105  | 416941     | 30.614  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.488         | 105  | 1689344    | 125.036 | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.618         | 105  | 29190m     | 1.761   | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.729         | 119  | 21529m     | 1.561   | ug/l   |          |
| 89) n-Butylbenzene          | 14.059         | 91   | 32204      | 2.882   | ug/l # | 74       |
| 95) Naphthalene             | 15.641         | 128  | 242216     | 21.081  | ug/l   | 99       |
| -----                       |                |      |            |         |        |          |

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

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