

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102122\  
 Data File : VX032285.D  
 Acq On : 21 Oct 2022 13:52  
 Operator : JC/MD  
 Sample : N5185-19 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PZ-3R

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/24/2022  
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 05:08:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101922W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 22 04:56:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 147004     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 225889     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 196437     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 95964      | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 91130      | 47.653  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 95.300% |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 71372      | 45.405  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 90.820% |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 266175     | 47.041  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 94.080% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 96969      | 46.800  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 93.600% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.386          | 43   | 2120       | 3.416   | ug/l # | 86       |
| 31) Cyclohexane             | 5.471          | 56   | 19231      | 8.796   | ug/l   | 94       |
| 39) Methylcyclohexane       | 7.379          | 83   | 14704      | 6.087   | ug/l   | 95       |
| 40) Benzene                 | 6.038          | 78   | 77773      | 13.271  | ug/l   | 99       |
| 52) Toluene                 | 8.720          | 92   | 7314       | 1.927   | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.195         | 91   | 629404     | 88.269  | ug/l   | 100      |
| 68) m/p-Xylenes             | 10.305         | 106  | 126361     | 44.873  | ug/l   | 99       |
| 69) o-Xylene                | 10.647         | 106  | 13738      | 5.093   | ug/l   | 95       |
| 73) Isopropylbenzene        | 10.964         | 105  | 52638      | 7.687   | ug/l   | 99       |
| 78) n-propylbenzene         | 11.305         | 91   | 165970     | 21.168  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 39883      | 6.743   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.750         | 105  | 624677     | 108.633 | ug/l   | 100      |
| 85) sec-Butylbenzene        | 11.890         | 105  | 9907m      | 1.385   | ug/l   |          |
| 86) p-Isopropyltoluene      | 12.012         | 119  | 4053       | 0.666   | ug/l # | 70       |
| 89) n-Butylbenzene          | 12.329         | 91   | 18959      | 3.537   | ug/l # | 49       |
| 95) Naphthalene             | 13.774         | 128  | 157581     | 23.831  | ug/l   | 100      |
| -----                       |                |      |            |         |        |          |

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

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