

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120621\  
 Data File : VN069784.D  
 Acq On : 6 Dec 2021 15:27  
 Operator : JC/MD  
 Sample : M4932-01  
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM1-2

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/07/2021  
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:48:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|-----------|--------|----------|
| -----                       |                |      |            |           |        |          |
| Internal Standards          |                |      |            |           |        |          |
| 1) Pentafluorobenzene       | 8.080          | 168  | 1464586    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965          | 114  | 2615001    | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747         | 117  | 2904933    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675         | 152  | 1655415    | 50.000    | ug/l   | 0.00     |
|                             |                |      |            |           |        |          |
| System Monitoring Compounds |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.432          | 65   | 1047133    | 46.306    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 92.620%   |        |          |
| 35) Dibromofluoromethane    | 8.016          | 113  | 721161     | 44.027    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 88.060%   |        |          |
| 50) Toluene-d8              | 10.440         | 98   | 6410835    | 97.473    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 194.940%# |        |          |
| 62) 4-Bromofluorobenzene    | 12.731         | 95   | 2248128    | 94.351    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 188.700%# |        |          |
|                             |                |      |            |           |        |          |
| Target Compounds            |                |      |            |           |        |          |
|                             |                |      |            |           | Qvalue |          |
| 31) Cyclohexane             | 8.075          | 56   | 5193868    | 165.043   | ug/l # | 78       |
| 39) Methylcyclohexane       | 9.443          | 83   | 26730453m  | 902.725   | ug/l   |          |
| 67) Ethyl Benzene           | 11.846         | 91   | 1267252    | 11.838    | ug/l   | 94       |
| 68) m/p-Xylenes             | 11.961         | 106  | 2611879    | 67.010    | ug/l   | 85       |
| 69) o-Xylene                | 12.283         | 106  | 6146700    | 156.560   | ug/l   | 91       |
| 73) Isopropylbenzene        | 12.581         | 105  | 1357888    | 9.219     | ug/l   | 93       |
| 78) n-propylbenzene         | 12.921         | 91   | 2628281    | 16.036    | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene  | 13.061         | 105  | 5298863    | 44.698    | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.358         | 105  | 20597510m  | 182.441   | ug/l   |          |
| 85) sec-Butylbenzene        | 13.503         | 105  | 2158190    | 15.158    | ug/l # | 78       |
| 86) p-Isopropyltoluene      | 13.619         | 119  | 5139054    | 46.175    | ug/l   | 96       |
| 89) n-Butylbenzene          | 13.943         | 91   | 2222196    | 24.614    | ug/l # | 67       |
| 95) Naphthalene             | 15.507         | 128  | 2918909    | 37.190    | ug/l   | 99       |
| -----                       |                |      |            |           |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120621\  
Data File : VN069784.D  
Acq On : 6 Dec 2021 15:27  
Operator : JC/MD  
Sample : M4932-01  
Misc : 4.99g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM1-2

Manual Integrations  
APPROVED

Reviewed By : John Carlone 12/07/2021  
Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:48:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration

