Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
Data File : VU051739.D
Acq On : 03 Nov 2022 17:24
Operator : JC/MD
Sample : N5319-10DL2 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAA5DL2

Quant Time: Nov 04 00:53:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 00:49:19 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 171317 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 184651 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 89631 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 58214 | 4.512 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 90.200% | | | |
| 7) Chloroethane-d5 | 1.912 | 69 | 55968 | 4.159 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 65 | 24843 | 5.305 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 106.200% | | | |
| 20) 2-Butanone-d5 | 4.620 | 46 | 168070 | 35.967 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 71.940% | | | |
| 24) Chloroform-d | 5.060 | 84 | 132234 | 4.380 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 67171 | 4.118 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.400% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 247202 | 4.242 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 82998 | 4.073 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.400% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 189951 | 4.145 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 27292 | 4.381 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.600% | | | |
| 46) 2-Hexanone-d5 | 8.629 | 63 | 137691 | 36.713 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 73.420% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84 | 76709 | 4.108 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 82.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.192 | 152 | 82115 | 4.991 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.604 | 62 | 5229 | 0.231 | ug/L # | 1 |
| 16) Methylene chloride | 3.041 | 84 | 17687 | 0.725 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.665 | 96 | 31510 | 1.782 | ug/L | 99 |
| 33) Benzene | 5.771 | 78 | 421279 | 5.781 | ug/L | 100 |
| 42) Toluene | 7.967 | 91 | 737893 | 9.860 | ug/L | 99 |
| 51) Chlorobenzene | 9.446 | 112 | 18992 | 0.403 | ug/L | 98 |
| 52) Ethylbenzene | 9.568 | 91 | 66897 | 0.926 | ug/L | 99 |
| 53) m,p-Xylene | 9.690 | 106 | 48222 | 1.719 | ug/L | 100 |
| 54) o-Xylene | 10.099 | 106 | 14130 | 0.516 | ug/L | 96 |
| 60) Isopropylbenzene | 10.481 | 105 | 15784 | 0.241 | ug/L | 98 |
| 62) 1,3,5-Trimethylbenzene | 11.089 | 105 | 2310 | 0.131 | ug/L | 92 |
| 63) 1,2,4-Trimethylbenzene | 11.465 | 105 | 9749 | 0.192 | ug/L | 98 |

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

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