

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017394.D
 Acq On : 16 Jul 2020 16:28
 Operator : JC/SP
 Sample : L3325-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
Client Sampled :
 200715091-01

Manual Integrations
APPROVED
 MMDadoda
 7/17/2020 4:44:17 PM

Quant Time: Jul 17 11:52:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene | 5.63 | 168 | 266028 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 454245 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 498093 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 286417 | 50.00 | ug/l | 0.00 |

System Monitoring Compounds

| | | | | | | |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 173937 | 52.09 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 104.18% | |
| 35) Dibromofluoromethane | 5.47 | 113 | 149971 | 49.01 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 98.02% | |
| 50) Toluene-d8 | 8.70 | 98 | 573666 | 51.97 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 103.94% | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 253340 | 57.78 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 115.56% | |

Target Compounds

| | | | | | | Qvalue |
|-----------------------------|-------|-----|---------|----------|--------|--------|
| 4) Vinyl Chloride | 1.39 | 62 | 1232 | 0.491 | ug/l | 96 |
| 8) Diethyl Ether | 2.17 | 74 | 11080 | 7.408 | ug/l | 91 |
| 11) Tert butyl alcohol | 3.01 | 59 | 3558238 | 6325.312 | ug/l | 100 |
| 16) Acetone | 2.42 | 43 | 489889 | 411.268 | ug/l | 98 |
| 17) Carbon Disulfide | 2.55 | 76 | 3228 | 0.457 | ug/l # | 94 |
| 18) Methyl Acetate | 2.75 | 43 | 14472 | 4.919 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.17 | 73 | 28359 | 3.450 | ug/l | 96 |
| 20) Methylene Chloride | 2.83 | 84 | 1659 | 0.571 | ug/l | 92 |
| 25) 2-Butanone | 4.64 | 43 | 1628225 | 860.617 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.56 | 96 | 2354 | 0.775 | ug/l # | 18 |
| 29) Tetrahydrofuran | 5.09 | 42 | 921706 | 752.610 | ug/l | 95 |
| 37) Ethyl Acetate | 4.80 | 43 | 48807m | 11.295 | ug/l | |
| 40) Benzene | 6.12 | 78 | 48675 | 4.054 | ug/l | 95 |
| 42) 1,2-Dichloroethane | 6.16 | 62 | 3802 | 0.815 | ug/l | 94 |
| 43) Isopropyl Acetate | 6.41 | 43 | 6357 | 0.921 | ug/l # | 81 |
| 49) 1,4-Dioxane | 7.71 | 88 | 7725 | 113.931 | ug/l # | 79 |
| 52) Toluene | 8.76 | 92 | 33432 | 4.339 | ug/l | 98 |
| 65) Chlorobenzene | 10.12 | 112 | 11039 | 1.091 | ug/l # | 87 |
| 67) Ethyl Benzene | 10.23 | 91 | 86474 | 5.132 | ug/l | 98 |
| 68) m/p-Xylenes | 10.34 | 106 | 48718 | 7.599 | ug/l | 96 |
| 69) o-Xylene | 10.68 | 106 | 28659 | 4.678 | ug/l | 100 |
| 73) Isopropylbenzene | 11.01 | 105 | 9224 | 0.514 | ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.49 | 105 | 8636 | 0.567 | ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 31353 | 2.036 | ug/l | 95 |
| 86) p-Isopropyltoluene | 12.05 | 119 | 27293 | 1.672 | ug/l | 92 |
| 88) 1,4-Dichlorobenzene | 12.08 | 146 | 25963 | 2.809 | ug/l | 88 |
| 95) Naphthalene | 13.82 | 128 | 336501 | 19.178 | ug/l | 99 |

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

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