Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040438.D
Acq On : 01 Oct 2020 22:37
Operator : SY/MD
Sample : L4240-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5

Quant Time: Oct 02 06:08:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	148007	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132798	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65423	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.60	65	27410	3.74 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%		
7) Chloroethane-d5	1.92	69	27460	4.28 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%		
11) 1,1-Dichloroethene-d2	2.58	63	45597	2.59 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.80%#		
20) 2-Butanone-d5	4.65	46	178169	48.95 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.90%		
24) Chloroform-d	5.08	84	76753	4.40 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%		
26) 1,2-Dichloroethane-d4	5.72	65	49707	4.68 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%		
32) Benzene-d6	5.75	84	139196	5.21 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%		
36) 1,2-Dichloropropane-d6	6.70	67	52025	5.33 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%		
41) Toluene-d8	7.91	98	113193	4.88 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%		
43) trans-1,3-Dichloropropene-	8.19	79	19602	4.92 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%		
46) 2-Hexanone-d5	8.64	63	141079	60.18 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.36%		
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50970	5.37 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%		
64) 1,2-Dichlorobenzene-d4	12.19	152	52446	5.29 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%		

Target Compounds					Qvalue
8) Chloroethane	1.94	64	35832	4.226 ug/L #	70
14) Carbon disulfide	2.80	76	8789	0.247 ug/L #	93
19) 1,1-Dichloroethane	3.89	63	52694	2.203 ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	11529	0.894 ug/L #	93
29) 1,1,1-Trichloroethane	5.34	97	72935	4.020 ug/L	99
30) Cyclohexane	5.41	56	1986503	105.852 ug/L	98
33) Benzene	5.79	78	2686	0.060 ug/L	100
35) Methylcyclohexane	6.78	83	44554	2.570 ug/L	91
42) Toluene	7.98	91	502883	11.015 ug/L	99
48) 2-Hexanone	8.69	43	18825	2.631 ug/L	98
51) Chlorobenzene	9.45	112	62887	2.130 ug/L	100
52) Ethylbenzene	9.57	91	81588	1.647 ug/L	98
53) m,p-Xylene	9.69	106	86380	4.680 ug/L	97
54) o-Xylene	10.10	106	27092	1.560 ug/L	98
56) Isopropylbenzene	10.48	105	202820	4.329 ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	8035	0.371 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	26523	1.177 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	12.20	146	9196	0.437	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	575547	46.322	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	124467	10.948	ug/L	100

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

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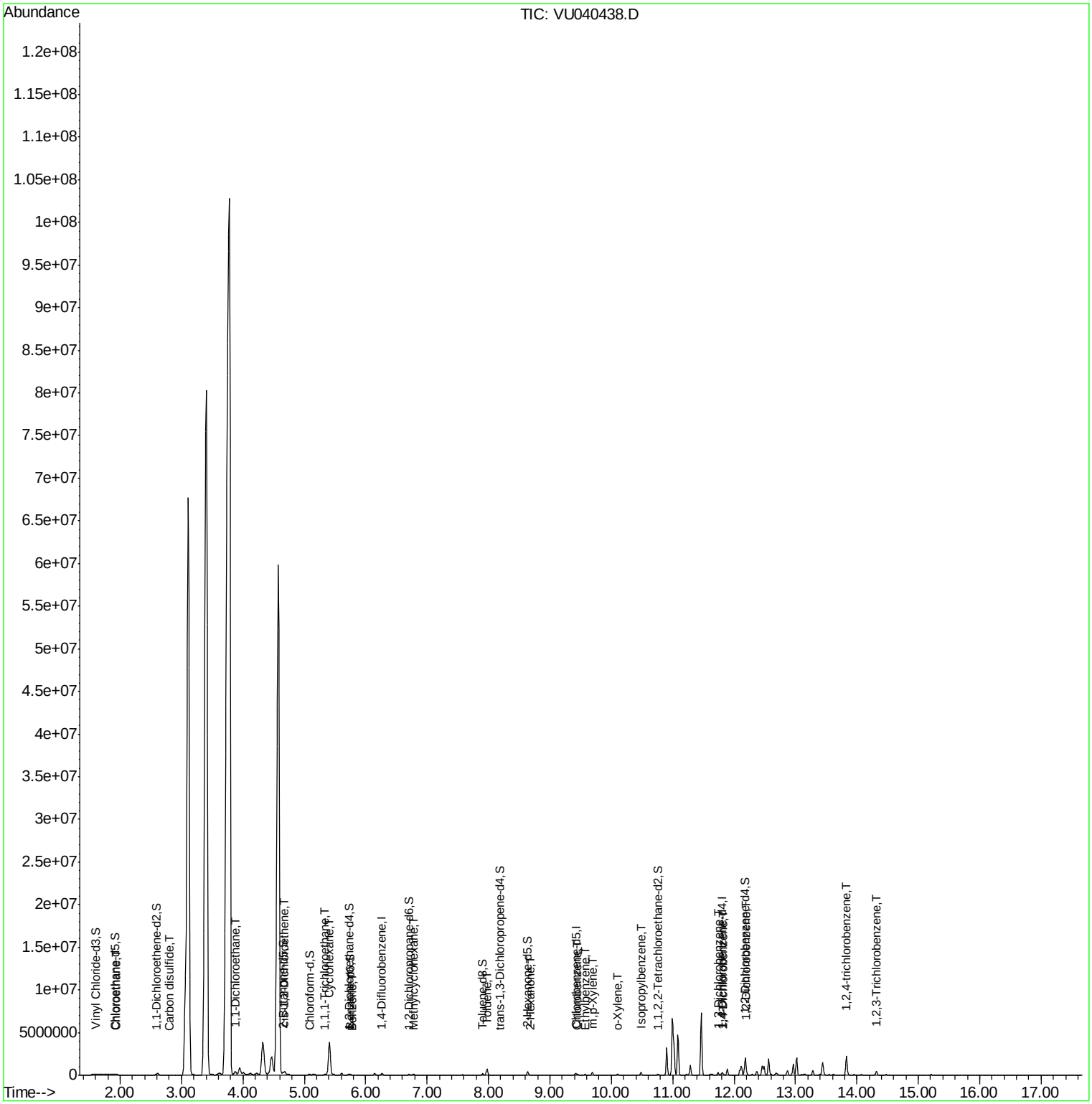
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