Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011320\
Data File : VU036436.D
Acq On : 13 Jan 2020 11:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05060

Quant Time: Jan 14 16:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 13 10:10:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	475999	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	458067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	220519	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	192098	51.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.58%			
7) Chloroethane-d5	1.93	69	165684	52.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.92%			
11) 1,1-Dichloroethene-d2	2.59	63	347371	54.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.96%			
21) 2-Butanone-d5	4.67	46	298952	108.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.24%			
24) Chloroform-d	5.11	84	363499	56.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.30%			
26) 1,2-Dichloroethane-d4	5.74	65	244687	57.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.02%			
32) Benzene-d6	5.77	84	705506	55.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.64%			
36) 1,2-Dichloropropane-d6	6.73	67	229252	53.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.20%			
41) Toluene-d8	7.93	98	653594	53.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.78%			
43) trans-1,3-Dichloropropene-	8.21	79	124360	53.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.18%			
47) 2-Hexanone-d5	8.67	63	238229	108.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.00%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	353545	54.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	237916	51.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	187463	49.309	ug/L	99
3) Chloromethane	1.54	50	166790	48.217	ug/L	100
5) Vinyl chloride	1.62	62	175794	43.785	ug/L	95
6) Bromomethane	1.87	94	105943	54.602	ug/L	93
8) Chloroethane	1.95	64	107244	44.395	ug/L	99
9) Trichlorofluoromethane	2.16	101	270830	47.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	157542	56.381	ug/L	99
12) 1,1-Dichloroethene	2.60	96	140260	50.921	ug/L	81
13) Acetone	2.66	43	242990	84.819	ug/L	98
14) Carbon disulfide	2.82	76	361536	42.415	ug/L	100
15) Methyl Acetate	2.98	43	203537	52.835	ug/L	97
16) Methylene chloride	3.08	84	174054	51.621	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	154477	51.948	ug/L	98
18) Methyl tert-butyl Ether	3.41	73	576498	53.367	ug/L	100
19) 1,1-Dichloroethane	3.91	63	313061	52.521	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	188467	52.397	ug/L #	93
22) 2-Butanone	4.75	43	323698	95.647	ug/L	98

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05060

Quant Time: Jan 14 16:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 13 10:10:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	91285	52.868	ug/L		95
25) Chloroform	5.13	83	340598	53.628	ug/L		98
27) 1,2-Dichloroethane	5.83	62	260070	52.973	ug/L		97
29) Cyclohexane	5.43	56	270489	50.964	ug/L		99
30) 1,1,1-Trichloroethane	5.36	97	297996	53.079	ug/L		99
31) Carbon tetrachloride	5.56	117	255617	52.525	ug/L		99
33) Benzene	5.81	78	693715	51.555	ug/L		100
34) Trichloroethene	6.58	95	184138	53.081	ug/L		97
35) Methylcyclohexane	6.80	83	285032	51.477	ug/L		99
37) 1,2-Dichloropropane	6.83	63	190350	52.241	ug/L	#	95
38) Bromodichloromethane	7.14	83	271421	52.802	ug/L		96
39) cis-1,3-Dichloropropene	7.64	75	303832	49.810	ug/L		100
40) 4-Methyl-2-pentanone	7.83	43	598982	96.739	ug/L		99
42) Toluene	8.00	91	759855	51.282	ug/L		99
44) trans-1,3-Dichloropropene	8.24	75	297503	52.353	ug/L		98
45) 1,1,2-Trichloroethane	8.43	97	185058	54.439	ug/L		97
46) Tetrachloroethene	8.58	164	128361	51.427	ug/L		97
48) 2-Hexanone	8.72	43	457264	95.979	ug/L		95
49) Dibromochloromethane	8.84	129	214546	51.418	ug/L		97
50) 1,2-Dibromoethane	8.95	107	206833	52.464	ug/L		94
51) Chlorobenzene	9.47	112	493493	52.767	ug/L		99
52) Ethylbenzene	9.60	91	873754	51.811	ug/L		99
53) m,p-Xylene	9.72	106	330430	52.820	ug/L		98
54) o-xylene	10.12	106	323759	51.580	ug/L		100
55) Styrene	10.14	104	543276	51.189	ug/L		100
56) Isopropylbenzene	10.51	105	869620	53.155	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.81	83	336041	52.298	ug/L		100
59) 1,2,3-Trichloropropane	10.85	75	265228	51.880	ug/L		98
61) Bromoform	10.32	173	157529	48.071	ug/L		98
62) 1,3-Dichlorobenzene	11.77	146	365087	51.232	ug/L		95
63) 1,4-Dichlorobenzene	11.86	146	370937	52.475	ug/L		99
65) 1,2-Dichlorobenzene	12.23	146	358989	50.280	ug/L		93
66) 1,2-Dibromo-3-chloropropan	13.02	75	76088	45.669	ug/L		96
67) 1,3,5-Trichlorobenzene	13.24	180	236906	50.064	ug/L		99
68) 1,2,4-trichlorobenzene	13.86	180	170545	47.555	ug/L		98
69) Naphthalene	14.10	128	550008	44.632	ug/L		99
70) 1,2,3-Trichlorobenzene	14.35	180	172492	45.799	ug/L		98

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

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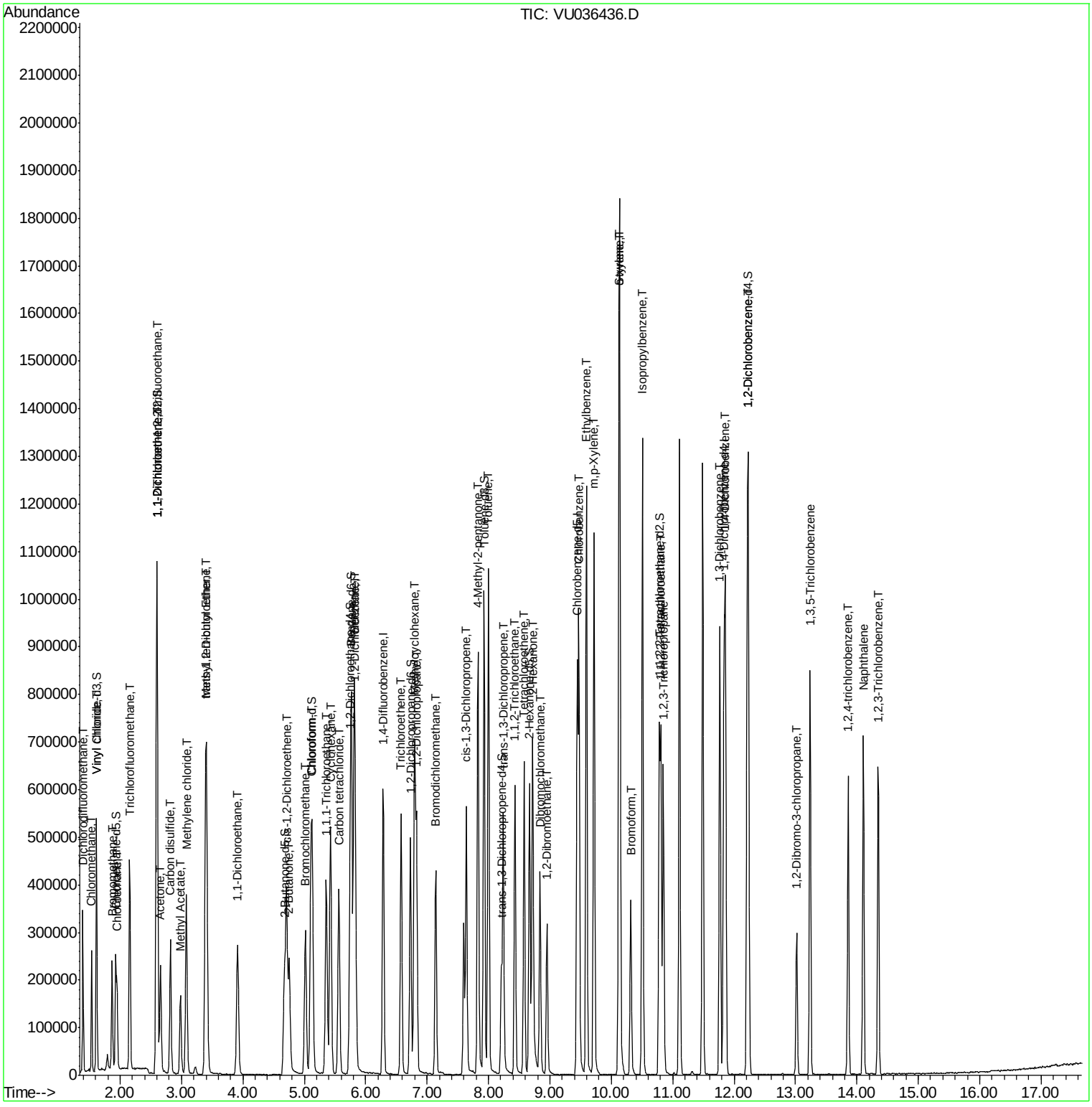
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05060

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