Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021519\
Data File : VU029491.D
Acq On : 15 Feb 2019 11:58
Operator : JC/SP
Sample : VSTD20045
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20045

Quant Time: Feb 15 22:31:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 15 22:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458867	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277951	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	696855	194.98	ug/L	0.00
7) Chloroethane-d5	1.66	69	620384	218.23	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.26	63	1178479	187.23	ug/L	0.00
21) 2-Butanone-d5	4.17	46	904439	370.23	ug/L	0.00
24) Chloroform-d	4.64	84	1172307	206.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	723507	206.31	ug/L	0.00
32) Benzene-d6	5.34	84	2446224	189.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	733419	170.29	ug/L	0.00
41) Toluene-d8	7.56	98	2617348	219.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	427318	216.34	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	901843	433.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1361262	220.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	1241163	219.36	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	619926	172.096	ug/L	100
3) Chloromethane	1.32	50	542547	118.028	ug/L	98
5) Vinyl chloride	1.40	62	767381	177.756	ug/L	100
6) Bromomethane	1.60	94	434690	234.153	ug/L	99
8) Chloroethane	1.68	64	507866	201.855	ug/L	99
9) Trichlorofluoromethane	1.87	101	1193796	247.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	570094	188.230	ug/L	98
12) 1,1-Dichloroethene	2.28	96	534194	178.996	ug/L	90
13) Acetone	2.32	43	784275	312.822	ug/L	99
14) Carbon disulfide	2.47	76	1589321	162.335	ug/L	100
15) Methyl Acetate	2.61	43	566952	148.180	ug/L	99
16) Methylene chloride	2.69	84	577786	165.854	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	573515	185.437	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1797286	188.754	ug/L	99
19) 1,1-Dichloroethane	3.44	63	983476	167.217	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	677977	193.211	ug/L	96
22) 2-Butanone	4.26	43	1021746	337.397	ug/L	99
23) Bromochloromethane	4.54	128	362403	209.613	ug/L	98
25) Chloroform	4.67	83	1087550	189.031	ug/L	100
27) 1,2-Dichloroethane	5.40	62	886363	205.552	ug/L	99
29) Cyclohexane	4.99	56	935965	158.721	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	1000586	201.573	ug/L	99
31) Carbon tetrachloride	5.13	117	917821	223.899	ug/L	99
33) Benzene	5.39	78	2481984	172.879	ug/L	100
34) Trichloroethene	6.18	95	673155	189.791	ug/L	99
35) Methylcyclohexane	6.41	83	1099536	188.211	ug/L	99
37) 1,2-Dichloropropane	6.43	63	649512	163.307	ug/L	99
38) Bromodichloromethane	6.75	83	884058	194.592	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	1110862	191.161	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1944202	362.033	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.63	91	3066858	205.773 ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	1086837	209.183 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	697066	196.905 ug/L	98
46) Tetrachloroethene	8.22	164	643342	224.562 ug/L	100
48) 2-Hexanone	8.36	43	1727847	389.653 ug/L	99
49) Dibromochloromethane	8.48	129	893245	244.108 ug/L	99
50) 1,2-Dibromoethane	8.58	107	784183	211.154 ug/L	99
51) Chlorobenzene	9.12	112	2098473	218.694 ug/L	99
52) Ethylbenzene	9.25	91	3577800	220.553 ug/L	100
53) m,p-Xylene	9.37	106	1448718	239.092 ug/L	98
54) o-xylene	9.78	106	1484925	243.670 ug/L	99
55) Styrene	9.79	104	2654366	257.895 ug/L	98
56) Isopropylbenzene	10.16	105	3918497	251.614 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	1301211	203.968 ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	970211	198.021 ug/L	100
61) Bromoform	9.95	173	824135	236.811 ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	1858392	210.685 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1876662	207.061 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1901298	207.707 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	310840	198.707 ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	1448466	222.032 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	1313873	238.138 ug/L	100
69) Naphthalene	13.74	128	4201713	223.465 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	1331469	225.308 ug/L	100

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

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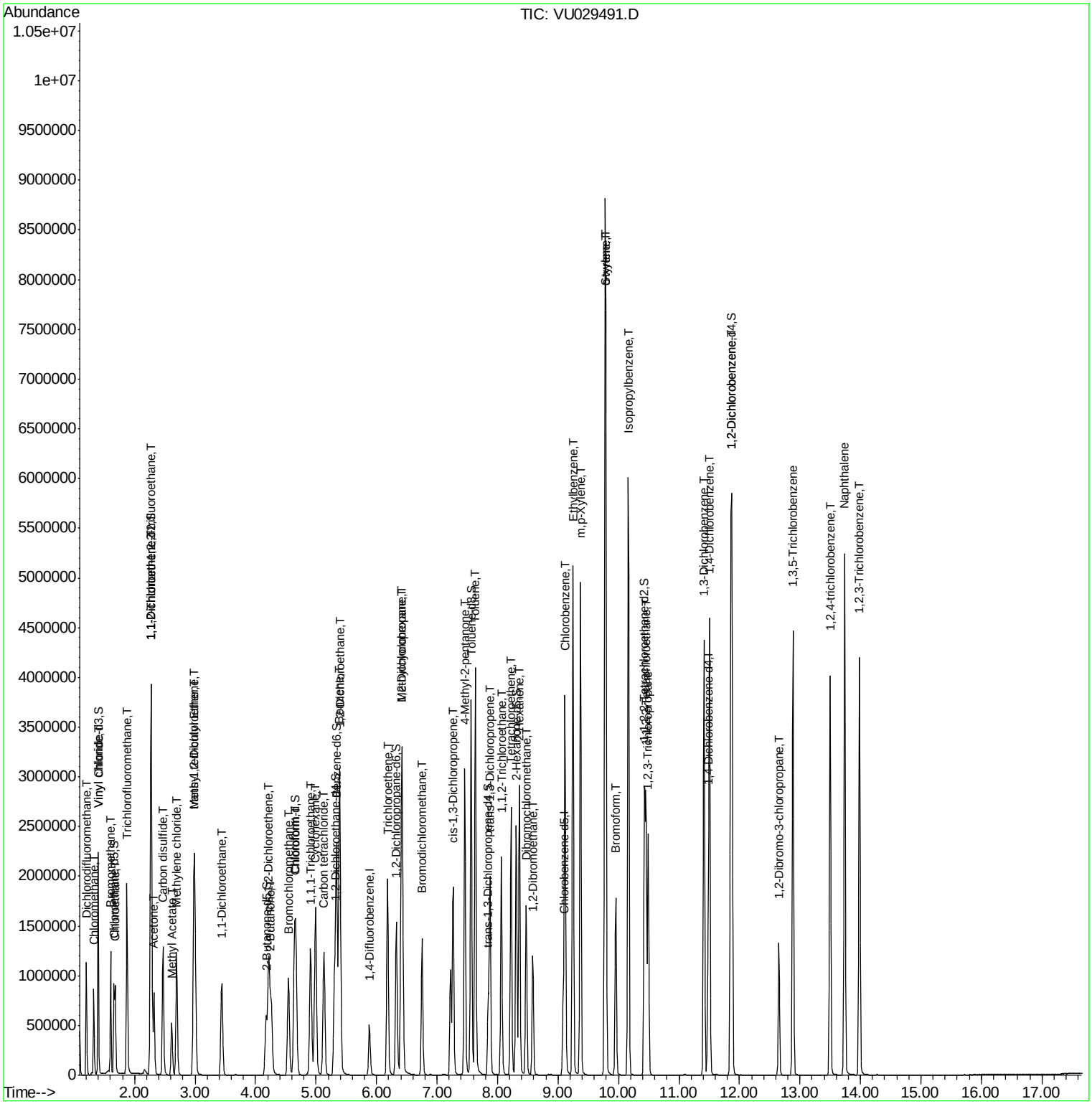
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