Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007734.D
Acq On : 22 Sep 2018 14:49
Operator : SY/MD
Sample : VSTD10066
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD10066

Quant Time: Sep 24 02:13:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:11:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197969	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116980	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	106751	108.31	ug/L	0.00
7) Chloroethane-d5	1.58	69	97576	106.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	250453	102.25	ug/L	0.00
21) 2-Butanone-d5	3.95	46	149180	211.04	ug/L	0.00
24) Chloroform-d	4.41	84	232906	114.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	149876	106.72	ug/L	0.00
32) Benzene-d6	5.11	84	449302	104.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	131537	104.13	ug/L	0.00
41) Toluene-d8	7.36	98	473160	106.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	72179	115.28	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	124921	211.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	216011	102.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	233588	101.69	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	133906	94.381	ug/L	99
3) Chloromethane	1.25	50	108332	97.503	ug/L	100
5) Vinyl chloride	1.33	62	125605	98.868	ug/L	99
6) Bromomethane	1.53	94	97872	130.678	ug/L	97
8) Chloroethane	1.60	64	80660	88.861	ug/L	100
9) Trichlorofluoromethane	1.77	101	256415	95.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	143667	93.868	ug/L	98
12) 1,1-Dichloroethene	2.14	96	126723	93.942	ug/L	92
13) Acetone	2.19	43	139150	201.503	ug/L	99
14) Carbon disulfide	2.32	76	333225	100.861	ug/L	100
15) Methyl Acetate	2.46	43	129280	96.585	ug/L	99
16) Methylene chloride	2.54	84	138847	93.306	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	141101	95.889	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	428591	95.185	ug/L	100
19) 1,1-Dichloroethane	3.23	63	183561	96.062	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	130201	96.863	ug/L	100
22) 2-Butanone	4.04	43	159931	198.682	ug/L	100
23) Bromochloromethane	4.31	128	72801	98.975	ug/L	99
25) Chloroform	4.43	83	220774	91.524	ug/L	98
27) 1,2-Dichloroethane	5.19	62	176020	97.077	ug/L	100
29) Cyclohexane	4.73	56	166278	94.872	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	205367	95.735	ug/L	100
31) Carbon tetrachloride	4.88	117	193255	101.055	ug/L	100
33) Benzene	5.15	78	459529	96.207	ug/L	100
34) Trichloroethene	5.96	95	132600	96.550	ug/L	98
35) Methylcyclohexane	6.18	83	209684	98.858	ug/L	99
37) 1,2-Dichloropropane	6.23	63	113222	94.235	ug/L	99
38) Bromodichloromethane	6.56	83	164639	101.050	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	196254	105.253	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	309227	192.604	ug/L	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	548036	98.195	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	192952	109.267	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	128833	95.931	ug/L	98
46) Tetrachloroethene	8.02	164	135284	95.974	ug/L	100
48) 2-Hexanone	8.19	43	248615	197.970	ug/L	96
49) Dibromochloromethane	8.30	129	160352	105.644	ug/L	100
50) 1,2-Dibromoethane	8.40	107	147209	99.848	ug/L	100
51) Chlorobenzene	8.93	112	389187	96.833	ug/L	99
52) Ethylbenzene	9.06	91	630752	98.880	ug/L	99
53) m,p-Xylene	9.19	106	253579	100.055	ug/L	98
54) o-xylene	9.59	106	246995	98.178	ug/L	99
55) Styrene	9.61	104	432907	101.565	ug/L	99
56) Isopropylbenzene	9.98	105	677935	101.183	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	214262	94.751	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	166555	93.896	ug/L	100
61) Bromoform	9.78	173	128718	105.019	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	351722	95.237	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	364418	96.745	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	357405	92.978	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	46873	103.302	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	302459	103.168	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	272843	112.237	ug/L	100
69) Naphthalene	13.56	128	754297	120.266	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	276782	110.378	ug/L	99

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

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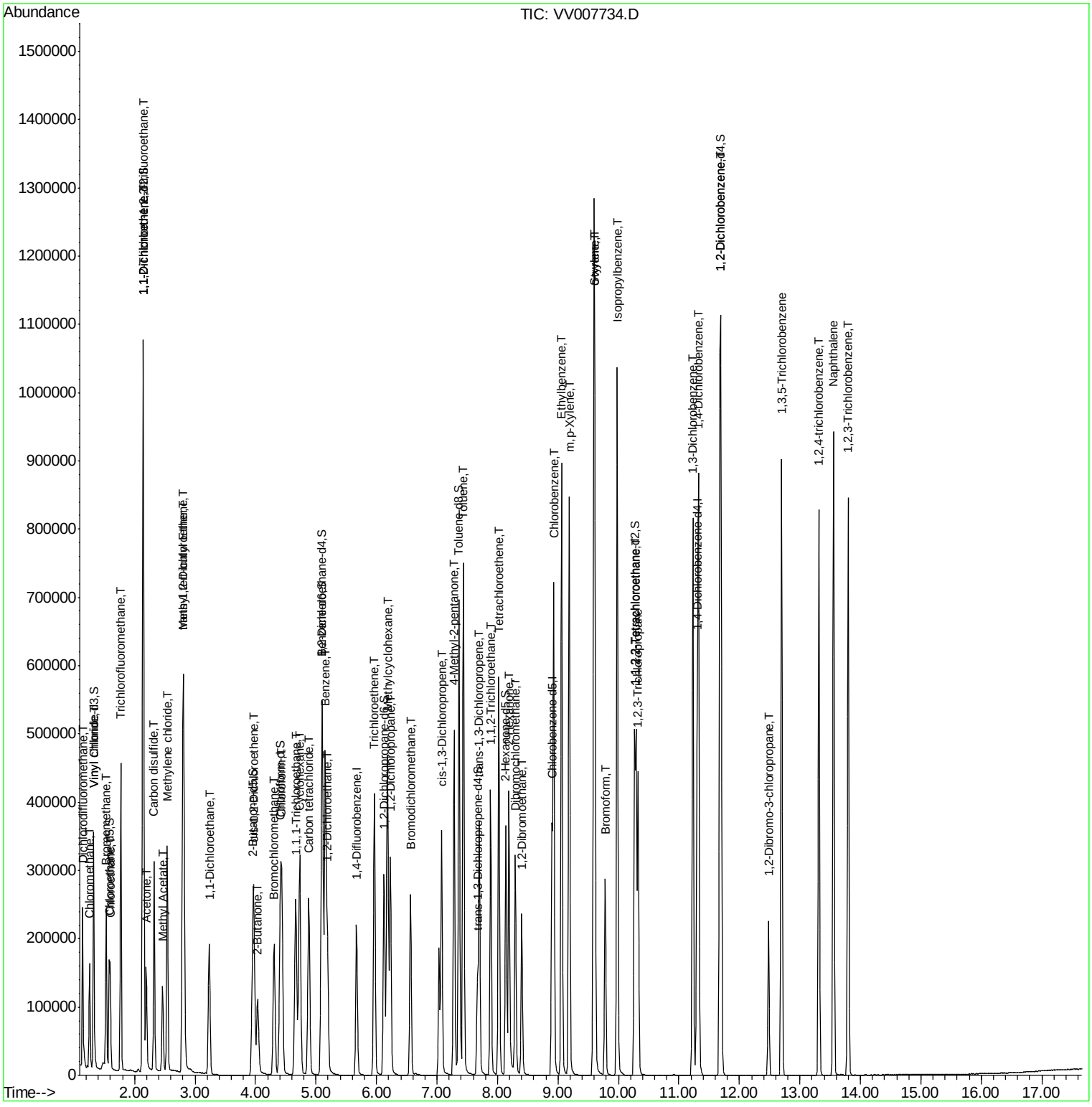
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