Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012339.D
Acq On : 12 Sep 2019 10:15
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 12:59:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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9/13/2019 10:12:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	245429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	86465	42.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.52%			
35) Dibromofluoromethane	5.48	113	70353	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.44%			
50) Toluene-d8	8.71	98	264223	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.76%			
62) 4-Bromofluorobenzene	11.13	95	110897	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	49553	42.372	ug/l	99
3) Chloromethane	1.31	50	47520	45.078	ug/l	98
4) Vinyl Chloride	1.40	62	47132	45.092	ug/l	99
5) Bromomethane	1.63	94	25396	60.964	ug/l	98
6) Chloroethane	1.71	64	32193	46.060	ug/l	99
7) Trichlorofluoromethane	1.92	101	86873	45.924	ug/l	100
8) Diethyl Ether	2.17	74	29878	46.287	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54690	42.896	ug/l	99
10) Methyl Iodide	2.50	142	47084	38.802	ug/l	99
11) Tert butyl alcohol	3.03	59	42328	195.083	ug/l	97
12) 1,1-Dichloroethene	2.36	96	44547	41.156	ug/l	96
13) Acrolein	2.28	56	33263	314.643	ug/l	100
14) Allyl chloride	2.72	41	102286	46.351	ug/l	99
15) Acrylonitrile	3.12	53	91796	230.054	ug/l	97
16) Acetone	2.43	43	118318	247.141	ug/l	97
17) Carbon Disulfide	2.56	76	100187	44.078	ug/l	98
18) Methyl Acetate	2.76	43	44505	44.228	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	199555	46.685	ug/l	98
20) Methylene Chloride	2.84	84	69490	46.331	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	60165	46.590	ug/l	98
22) Diisopropyl ether	3.84	45	235888	46.740	ug/l	91
23) Vinyl Acetate	3.80	43	743355	240.069	ug/l	99
24) 1,1-Dichloroethane	3.68	63	126365	46.745	ug/l	98
25) 2-Butanone	4.65	43	146203	238.891	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121591	47.908	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	79069	47.426	ug/l	98
28) Bromochloromethane	5.00	49	55681	43.918	ug/l	100
29) Tetrahydrofuran	5.11	42	78060	236.399	ug/l	99
30) Chloroform	5.19	83	141535	46.430	ug/l	100
31) Cyclohexane	5.56	56	85655	45.614	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	121631	46.468	ug/l	99
36) 1,1-Dichloropropene	5.78	75	87361	48.816	ug/l	99
37) Ethyl Acetate	4.82	43	55254	49.947	ug/l	99
38) Carbon Tetrachloride	5.77	117	98581	46.951	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.45	83	94387	48.060	ug/l		97
40) Benzene	6.13	78	263103	48.576	ug/l		99
41) Methacrylonitrile	5.02	41	33531	49.166	ug/l		98
42) 1,2-Dichloroethane	6.18	62	101934	47.617	ug/l		99
43) Isopropyl Acetate	6.43	43	110528	47.389	ug/l		99
44) Trichloroethene	7.20	130	72787	49.657	ug/l		98
45) 1,2-Dichloropropane	7.50	63	73086	48.749	ug/l		98
46) Dibromomethane	7.65	93	40637	49.595	ug/l		98
47) Bromodichloromethane	7.89	83	108298	48.432	ug/l		98
48) Methyl methacrylate	7.76	41	53112	47.575	ug/l		99
49) 1,4-Dioxane	7.73	88	13589	902.065	ug/l		96
51) 4-Methyl-2-Pentanone	8.64	43	291234	236.593	ug/l		100
52) Toluene	8.78	92	175414	49.032	ug/l		100
53) t-1,3-Dichloropropene	9.03	75	106362	47.657	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	119660	48.351	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	61900	48.762	ug/l		99
56) Ethyl methacrylate	9.17	69	83087	48.341	ug/l		99
57) 1,3-Dichloropropane	9.37	76	106448	49.097	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.30	63	206133	233.996	ug/l		99
59) 2-Hexanone	9.48	43	218361	255.128	ug/l		99
60) Dibromochloromethane	9.57	129	72749	49.090	ug/l		98
61) 1,2-Dibromoethane	9.67	107	57958	49.048	ug/l		97
64) Tetrachloroethene	9.33	164	58084	48.710	ug/l		98
65) Chlorobenzene	10.14	112	199468	48.417	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.21	131	77234	49.731	ug/l		100
67) Ethyl Benzene	10.25	91	360018	49.133	ug/l		98
68) m/p-Xylenes	10.35	106	268558	99.566	ug/l		100
69) o-Xylene	10.70	106	129116	48.865	ug/l		99
70) Styrene	10.71	104	229746	49.027	ug/l		99
71) Bromoform	10.85	173	38365	47.639	ug/l	#	99
73) Isopropylbenzene	11.01	105	359959	48.780	ug/l		100
74) N-amyl acetate	10.89	43	100958	46.013	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76867	48.502	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	67233m	46.690	ug/l		
77) Bromobenzene	11.25	156	85487	50.317	ug/l		95
78) n-propylbenzene	11.35	91	431809	48.457	ug/l		100
79) 2-Chlorotoluene	11.42	91	261568	47.377	ug/l		100
80) 1,3,5-Trimethylbenzene	11.50	105	322488	48.596	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	21655	45.059	ug/l		95
82) 4-Chlorotoluene	11.51	91	320789	48.348	ug/l		99
83) tert-Butylbenzene	11.76	119	322342	50.024	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	330913	48.237	ug/l		98
85) sec-Butylbenzene	11.94	105	375125	48.790	ug/l		99
86) p-Isopropyltoluene	12.06	119	350579	49.349	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	168636	48.726	ug/l		100
88) 1,4-Dichlorobenzene	12.09	146	169062	48.309	ug/l		100
89) n-Butylbenzene	12.39	91	340622	48.920	ug/l		99
90) Hexachloroethane	12.59	117	61561	47.046	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	154893	48.382	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13905	42.985	ug/l		93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	105472	47.705	ug/l	100
94) Hexachlorobutadiene	13.78	225	52691	47.906	ug/l	97
95) Naphthalene	13.83	128	217819	45.909	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89593	45.800	ug/l	97

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

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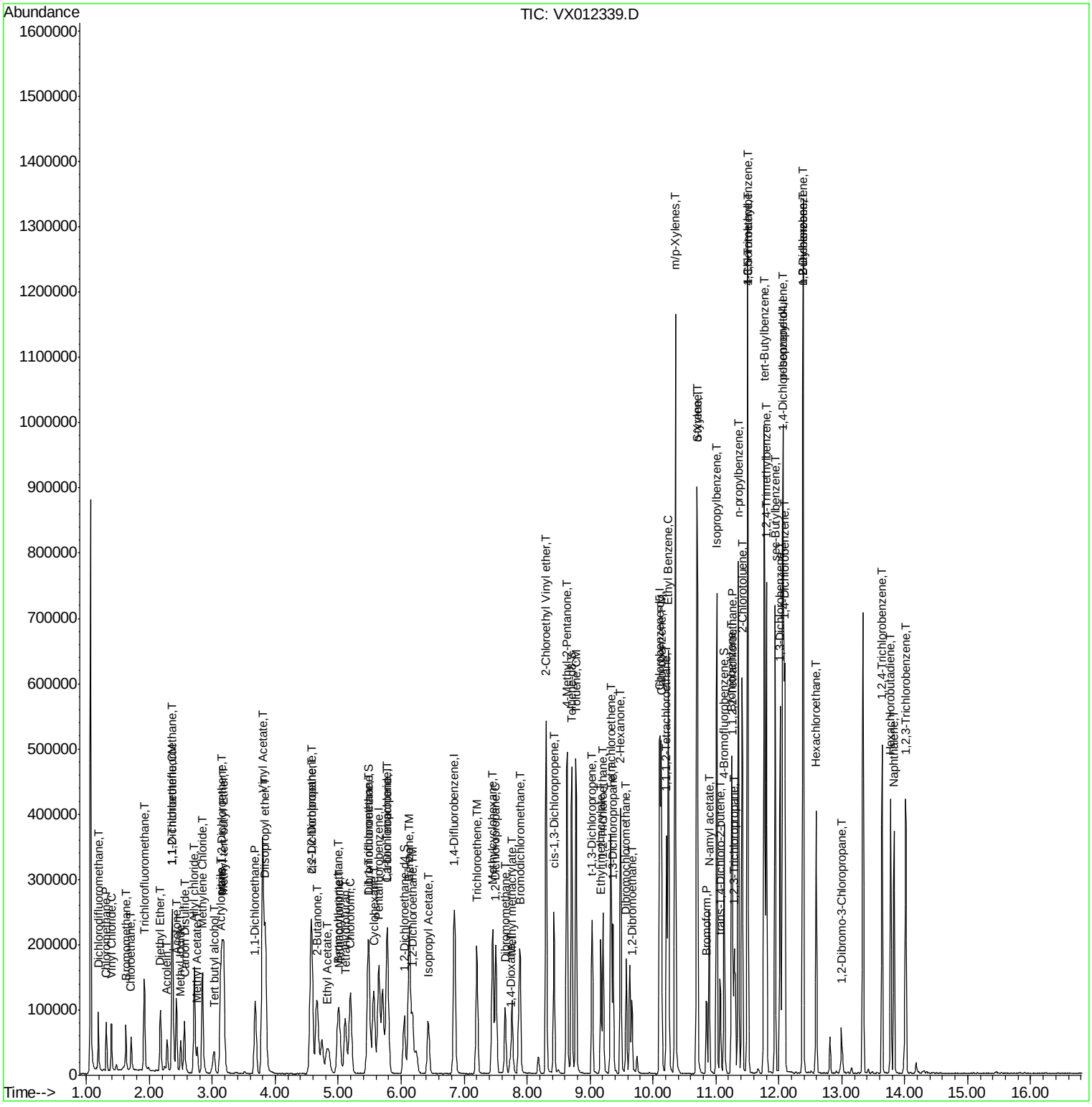
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