Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083019\
Data File : VW012386.D
Acq On : 31 Aug 2019 08:05
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
9/3/2019 2:39:59 AM

Quant Time: Aug 31 11:25:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	274318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108948	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.08%			
35) Dibromofluoromethane	7.88	113	84517	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
50) Toluene-d8	10.32	98	328385	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.92%			
62) 4-Bromofluorobenzene	12.62	95	117077	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	49018	48.676	ug/l	98
3) Chloromethane	2.21	50	88228	56.550	ug/l	97
4) Vinyl Chloride	2.36	62	101278	53.037	ug/l	99
5) Bromomethane	2.72	94	50176m	51.883	ug/l	
6) Chloroethane	2.89	64	59684	55.405	ug/l	97
7) Trichlorofluoromethane	3.25	101	47576	49.617	ug/l	98
8) Diethyl Ether	3.68	74	51623	56.720	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	84777	52.015	ug/l	98
10) Methyl Iodide	4.26	142	124432	56.425	ug/l	99
11) Tert butyl alcohol	5.17	59	38931	332.743	ug/l	100
12) 1,1-Dichloroethene	4.04	96	86533	52.749	ug/l	95
13) Acrolein	3.89	56	23480	213.194	ug/l	100
14) Allyl chloride	4.66	41	192322	54.838	ug/l	99
15) Acrylonitrile	5.36	53	144518	320.353	ug/l	100
16) Acetone	4.12	43	129803	261.186	ug/l	99
17) Carbon Disulfide	4.37	76	249803	50.386	ug/l	99
18) Methyl Acetate	4.66	43	85824	69.724	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	163339	61.570	ug/l	100
20) Methylene Chloride	4.91	84	106608	56.744	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	96160	54.663	ug/l	99
22) Diisopropyl ether	6.31	45	386507	59.456	ug/l	98
23) Vinyl Acetate	6.25	43	1146961	286.696	ug/l	100
24) 1,1-Dichloroethane	6.21	63	201386	56.897	ug/l	100
25) 2-Butanone	7.17	43	200105	296.306	ug/l	100
26) 2,2-Dichloropropane	7.17	77	92084	45.964	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	106352	56.585	ug/l	99
28) Bromochloromethane	7.51	49	92284	59.820	ug/l	98
29) Tetrahydrofuran	7.52	42	134061	330.876	ug/l	100
30) Chloroform	7.67	83	187418	57.876	ug/l	98
31) Cyclohexane	7.95	56	164940	47.100	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	144201	56.290	ug/l	100
36) 1,1-Dichloropropene	8.08	75	143879	50.755	ug/l	100
37) Ethyl Acetate	7.25	43	90371	58.176	ug/l	100
38) Carbon Tetrachloride	8.07	117	128253	52.272	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	150806	47.354	ug/l		99
40) Benzene	8.32	78	412442	53.284	ug/l		99
41) Methacrylonitrile	7.48	41	56929	62.354	ug/l		96
42) 1,2-Dichloroethane	8.40	62	142376	58.689	ug/l		99
43) Isopropyl Acetate	8.42	43	168049	58.403	ug/l		100
44) Trichloroethene	9.09	130	98695	52.450	ug/l		95
45) 1,2-Dichloropropane	9.37	63	113812	54.633	ug/l		98
46) Dibromomethane	9.46	93	53448	57.664	ug/l		100
47) Bromodichloromethane	9.64	83	139131	56.401	ug/l		99
48) Methyl methacrylate	9.43	41	83587	61.035	ug/l		96
49) 1,4-Dioxane	9.45	88	18124	1277.286	ug/l		96
51) 4-Methyl-2-Pentanone	10.21	43	452957	309.496	ug/l		99
52) Toluene	10.38	92	253635	54.544	ug/l		99
53) t-1,3-Dichloropropene	10.60	75	138233	55.012	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	160709	52.969	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	75533	57.597	ug/l		97
56) Ethyl methacrylate	10.65	69	112368	58.873	ug/l		98
57) 1,3-Dichloropropane	10.93	76	142041	57.316	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	305636	312.014	ug/l		100
59) 2-Hexanone	10.97	43	307568	297.011	ug/l		99
60) Dibromochloromethane	11.13	129	85135	58.284	ug/l		99
61) 1,2-Dibromoethane	11.23	107	70916	58.045	ug/l		99
64) Tetrachloroethene	10.86	164	92463	58.983	ug/l		99
65) Chlorobenzene	11.66	112	252466	53.027	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	91661	55.186	ug/l		99
67) Ethyl Benzene	11.73	91	489354	53.356	ug/l		100
68) m/p-Xylenes	11.84	106	353551	107.018	ug/l		99
69) o-Xylene	12.16	106	165002	53.964	ug/l		98
70) Styrene	12.18	104	292279	55.225	ug/l		99
71) Bromoform	12.35	173	48617	58.749	ug/l	#	100
73) Isopropylbenzene	12.46	105	460484	50.832	ug/l		99
74) N-amyl acetate	12.27	43	154035	56.280	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	90525	54.508	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	61955m	52.618	ug/l		
77) Bromobenzene	12.74	156	102712	52.409	ug/l		99
78) n-propylbenzene	12.80	91	560659	50.697	ug/l		99
79) 2-Chlorotoluene	12.89	91	325653	51.866	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	397469	52.509	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	27126	50.512	ug/l		98
82) 4-Chlorotoluene	12.99	91	340960	51.863	ug/l		99
83) tert-Butylbenzene	13.21	119	334468	52.162	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	398618	52.423	ug/l		99
85) sec-Butylbenzene	13.38	105	464838	50.600	ug/l		99
86) p-Isopropyltoluene	13.50	119	423207	51.585	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	200511	52.308	ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	200702	52.731	ug/l		100
89) n-Butylbenzene	13.82	91	414289	50.781	ug/l		100
90) Hexachloroethane	14.09	117	74645	51.859	ug/l		94
91) 1,2-Dichlorobenzene	13.87	146	181106	53.856	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16567	59.172	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	126852	54.586 ug/l	99
94) Hexachlorobutadiene	15.24	225	82986	54.081 ug/l	98
95) Naphthalene	15.36	128	245929	53.591 ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	114410	56.428 ug/l	98

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

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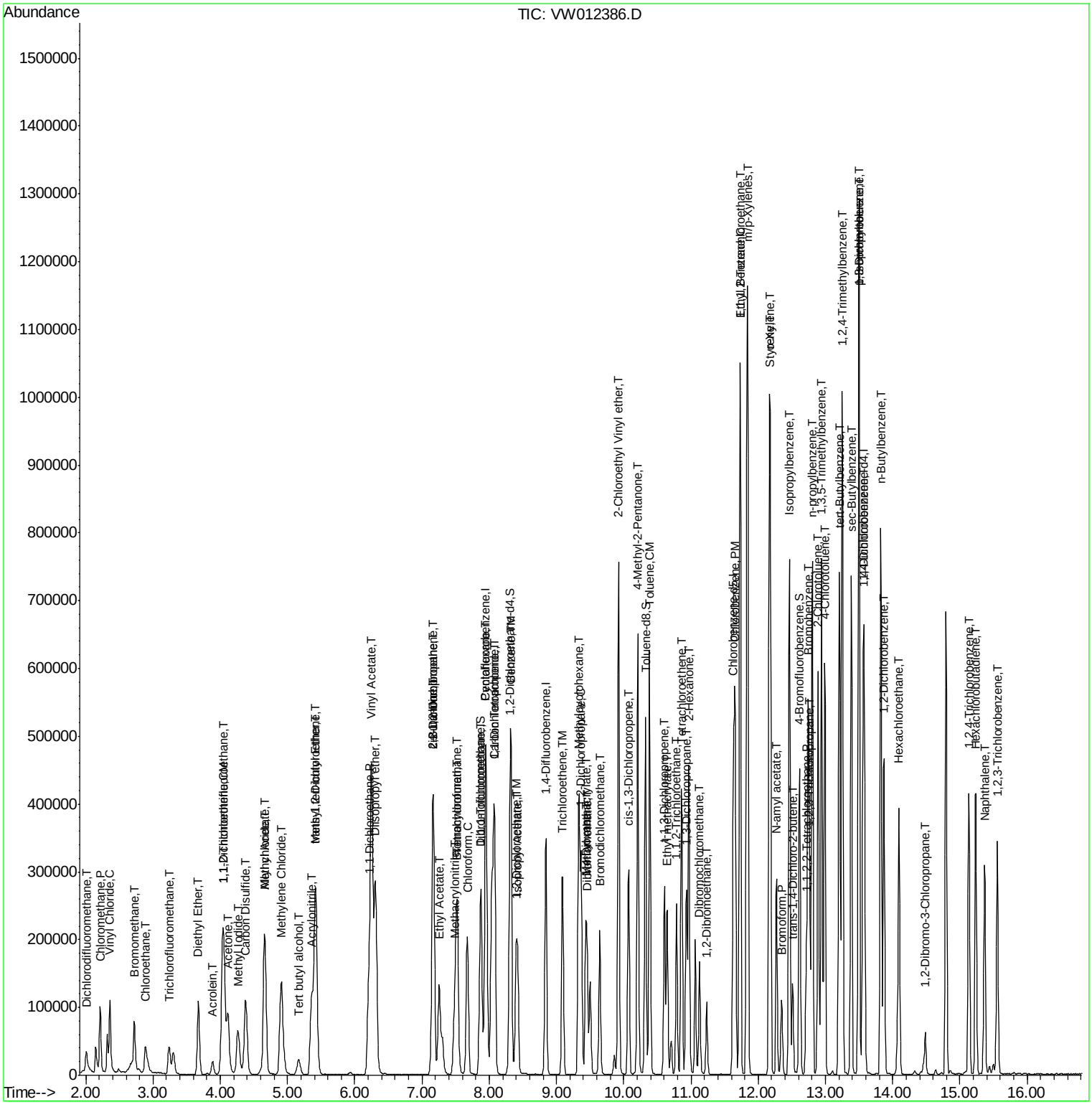
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