Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031619\
Data File : VX008138.D
Acq On : 16 Mar 2019 14:01
Operator : JC/SP
Sample : VX0316WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0316WBSD01

Manual Integrations APPROVED
MMDadoda
3/18/2019 10:36:59 AM

Quant Time: Mar 18 01:34:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	118752	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.14%			
35) Dibromofluoromethane	5.50	113	111546	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
50) Toluene-d8	8.71	98	409539	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.40%			
62) 4-Bromofluorobenzene	11.13	95	144508	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	37521	17.549	ug/l	98
3) Chloromethane	1.33	50	34935	13.877	ug/l	99
4) Vinyl Chloride	1.41	62	36609	15.240	ug/l	97
5) Bromomethane	1.64	94	23928	19.555	ug/l	100
6) Chloroethane	1.73	64	22228	16.729	ug/l	97
7) Trichlorofluoromethane	1.93	101	50657	17.571	ug/l	99
8) Diethyl Ether	2.19	74	26664	18.606	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40512	18.801	ug/l	93
10) Methyl Iodide	2.51	142	62551	20.780	ug/l	97
11) Tert butyl alcohol	3.07	59	49044	94.213	ug/l	99
12) 1,1-Dichloroethene	2.38	96	38973	19.137	ug/l	91
13) Acrolein	2.30	56	32494	67.766	ug/l	97
14) Allyl chloride	2.73	41	65231	17.585	ug/l	95
15) Acrylonitrile	3.15	53	116279	91.604	ug/l	100
16) Acetone	2.45	43	101652	79.912	ug/l	97
17) Carbon Disulfide	2.57	76	108549	18.563	ug/l	100
18) Methyl Acetate	2.78	43	56172	20.431	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	129427	18.797	ug/l	96
20) Methylene Chloride	2.86	84	42770	18.826	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	42143	19.206	ug/l	87
22) Diisopropyl ether	3.87	45	132182	17.931	ug/l	92
23) Vinyl Acetate	3.82	43	567350	90.494	ug/l	95
24) 1,1-Dichloroethane	3.70	63	74877	18.529	ug/l	99
25) 2-Butanone	4.70	43	166953	85.506	ug/l	94
26) 2,2-Dichloropropane	4.59	77	55715	18.047	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	48496	18.593	ug/l	95
28) Bromochloromethane	5.03	49	31491	16.500	ug/l	84
29) Tetrahydrofuran	5.15	42	106673	87.518	ug/l	92
30) Chloroform	5.21	83	76674	18.732	ug/l	98
31) Cyclohexane	5.57	56	68712	17.835	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	66340	19.241	ug/l	97
36) 1,1-Dichloropropene	5.80	75	56942	18.628	ug/l	97
37) Ethyl Acetate	4.85	43	60432	18.394	ug/l	96
38) Carbon Tetrachloride	5.78	117	57397	19.507	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	71358	18.263	ug/l		97
40) Benzene	6.14	78	175730	18.765	ug/l		100
41) Methacrylonitrile	5.06	41	33732	17.635	ug/l		94
42) 1,2-Dichloroethane	6.20	62	57487	19.190	ug/l		98
43) Isopropyl Acetate	6.46	43	94138	17.792	ug/l		97
44) Trichloroethene	7.21	130	51973	19.230	ug/l		99
45) 1,2-Dichloropropane	7.51	63	45243	18.313	ug/l		99
46) Dibromomethane	7.66	93	29785	19.235	ug/l		93
47) Bromodichloromethane	7.90	83	54979	18.669	ug/l		99
48) Methyl methacrylate	7.77	41	48775	17.651	ug/l		92
49) 1,4-Dioxane	7.75	88	22236	373.092	ug/l		95
51) 4-Methyl-2-Pentanone	8.65	43	310976	89.179	ug/l		96
52) Toluene	8.78	92	112379	18.879	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	59425	18.408	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	66711	18.594	ug/l		97
55) 1,1,2-Trichloroethane	9.21	97	46496	19.183	ug/l		97
56) Ethyl methacrylate	9.18	69	66064	18.452	ug/l		93
57) 1,3-Dichloropropane	9.37	76	74452	18.561	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	190517	90.451	ug/l		95
59) 2-Hexanone	9.49	43	235088	86.203	ug/l		95
60) Dibromochloromethane	9.58	129	47642	19.071	ug/l		99
61) 1,2-Dibromoethane	9.67	107	49247	19.391	ug/l		100
64) Tetrachloroethene	9.34	164	52321	19.475	ug/l		97
65) Chlorobenzene	10.14	112	126474	19.221	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46488	19.908	ug/l		100
67) Ethyl Benzene	10.25	91	203970	18.728	ug/l		99
68) m/p-Xylenes	10.36	106	161069	38.649	ug/l		98
69) o-Xylene	10.69	106	77810	19.153	ug/l		98
70) Styrene	10.71	104	128321	19.281	ug/l		99
71) Bromoform	10.85	173	36983	19.137	ug/l	#	97
73) Isopropylbenzene	11.02	105	209608	19.655	ug/l		100
74) N-amyl acetate	10.90	43	77556	17.240	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.27	83	66623	19.066	ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	64359m	22.256	ug/l		
77) Bromobenzene	11.26	156	57428	19.729	ug/l		94
78) n-propylbenzene	11.36	91	225235	19.251	ug/l		99
79) 2-Chlorotoluene	11.42	91	137172	19.197	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	172997	19.686	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	18520	18.225	ug/l		97
82) 4-Chlorotoluene	11.51	91	155619	19.016	ug/l		98
83) tert-Butylbenzene	11.77	119	173257	19.674	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	178439	19.685	ug/l		99
85) sec-Butylbenzene	11.94	105	203876	19.431	ug/l		100
86) p-Isopropyltoluene	12.06	119	187114	19.719	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	100102	19.322	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	101094	19.217	ug/l		99
89) n-Butylbenzene	12.38	91	146254	18.420	ug/l		99
90) Hexachloroethane	12.60	117	28605	18.835	ug/l		94
91) 1,2-Dichlorobenzene	12.39	146	100945	19.639	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13747	19.459	ug/l		92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69817	19.176	ug/l	99
94) Hexachlorobutadiene	13.78	225	39301	19.868	ug/l	100
95) Naphthalene	13.83	128	201653	19.697	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	69946	19.515	ug/l	99

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

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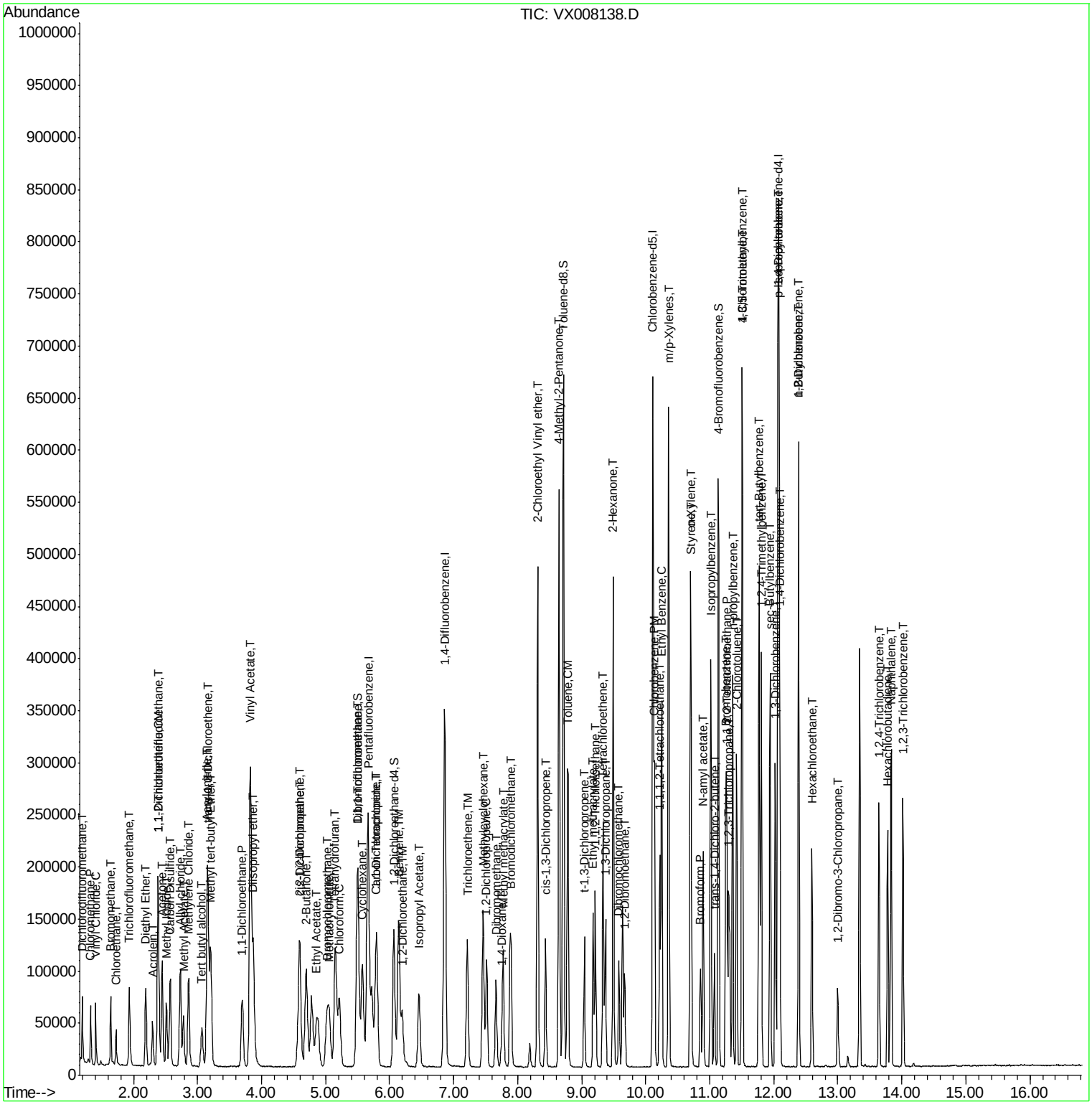
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