Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121218\
Data File : VX006440.D
Acq On : 12 Dec 2018 13:06
Operator : JC/MD
Sample : VX1212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1212WBS01

Manual Integrations APPROVED
MMDadoda
12/13/2018 11:05:03 AM

Quant Time: Dec 13 06:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	580882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	814472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	420613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	309980	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.54%			
35) Dibromofluoromethane	5.51	113	286556	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.20%			
50) Toluene-d8	8.71	98	1052411	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
62) 4-Bromofluorobenzene	11.13	95	402573	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	119139	20.947	ug/l	100
3) Chloromethane	1.33	50	124687	21.333	ug/l	96
4) Vinyl Chloride	1.41	62	137325	21.830	ug/l	99
5) Bromomethane	1.64	94	117966	27.059	ug/l	98
6) Chloroethane	1.72	64	87494	22.685	ug/l	97
7) Trichlorofluoromethane	1.93	101	211411	21.894	ug/l	99
8) Diethyl Ether	2.19	74	80916	22.142	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120257	21.902	ug/l	97
10) Methyl Iodide	2.51	142	182247	22.025	ug/l	99
11) Tert butyl alcohol	3.07	59	166738	102.818	ug/l	98
12) 1,1-Dichloroethene	2.37	96	116369	22.139	ug/l	91
13) Acrolein	2.29	56	100083	112.915	ug/l	96
14) Allyl chloride	2.73	41	198354	19.104	ug/l	97
15) Acrylonitrile	3.15	53	351304	103.811	ug/l	100
16) Acetone	2.45	43	308889	110.997	ug/l	95
17) Carbon Disulfide	2.57	76	313040	19.328	ug/l	99
18) Methyl Acetate	2.78	43	187318	20.128	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	395394	21.087	ug/l	96
20) Methylene Chloride	2.86	84	129898	21.933	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	121542	21.699	ug/l	92
22) Diisopropyl ether	3.87	45	355623	21.928	ug/l	98
23) Vinyl Acetate	3.82	43	1462010	105.694	ug/l	99
24) 1,1-Dichloroethane	3.70	63	211425	22.808	ug/l	98
25) 2-Butanone	4.70	43	438433	110.416	ug/l	98
26) 2,2-Dichloropropane	4.58	77	174301	20.374	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139188	22.277	ug/l	98
28) Bromochloromethane	5.02	49	82519	20.380	ug/l	95
29) Tetrahydrofuran	5.15	42	293242	106.261	ug/l	97
30) Chloroform	5.21	83	218419	22.422	ug/l	100
31) Cyclohexane	5.58	56	187175	21.849	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	196617	21.213	ug/l	100
36) 1,1-Dichloropropene	5.80	75	162110	21.575	ug/l	99
37) Ethyl Acetate	4.85	43	166827	19.826	ug/l	96
38) Carbon Tetrachloride	5.78	117	168554	19.069	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	212037	21.740	ug/l		95
40) Benzene	6.15	78	491943	21.860	ug/l		99
41) Methacrylonitrile	5.06	41	90292	19.501	ug/l		96
42) 1,2-Dichloroethane	6.20	62	162276	22.033	ug/l		100
43) Isopropyl Acetate	6.46	43	271222	19.333	ug/l		99
44) Trichloroethene	7.21	130	145909	21.402	ug/l		95
45) 1,2-Dichloropropane	7.52	63	120652	21.095	ug/l		97
46) Dibromomethane	7.66	93	87463	21.174	ug/l		96
47) Bromodichloromethane	7.90	83	151603	18.952	ug/l		98
48) Methyl methacrylate	7.77	41	131944	19.332	ug/l		95
49) 1,4-Dioxane	7.75	88	72865	433.169	ug/l		98
51) 4-Methyl-2-Pentanone	8.65	43	843884	103.328	ug/l		97
52) Toluene	8.79	92	325843	22.008	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	168870	18.051	ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	187059	19.256	ug/l		100
55) 1,1,2-Trichloroethane	9.21	97	133431	22.184	ug/l		99
56) Ethyl methacrylate	9.18	69	194082	20.640	ug/l		97
57) 1,3-Dichloropropane	9.37	76	208634	21.936	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	444960	93.251	ug/l		98
59) 2-Hexanone	9.49	43	647813	103.822	ug/l		98
60) Dibromochloromethane	9.59	129	135864	18.318	ug/l		99
61) 1,2-Dibromoethane	9.67	107	143724	21.370	ug/l		100
64) Tetrachloroethene	9.34	164	134684	21.958	ug/l		97
65) Chlorobenzene	10.14	112	374923	21.685	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.22	131	133419	19.861	ug/l		99
67) Ethyl Benzene	10.25	91	621603	21.617	ug/l		99
68) m/p-Xylenes	10.36	106	497483	43.189	ug/l		99
69) o-Xylene	10.70	106	246607	21.674	ug/l		100
70) Styrene	10.71	104	392088	21.307	ug/l		98
71) Bromoform	10.86	173	100442	15.839	ug/l	#	100
73) Isopropylbenzene	11.02	105	644483	22.188	ug/l		100
74) N-amyl acetate	10.90	43	242619	19.397	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.27	83	197080	21.208	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	186826m	23.012	ug/l		
77) Bromobenzene	11.26	156	178108	22.095	ug/l		99
78) n-propylbenzene	11.36	91	702339	21.752	ug/l		99
79) 2-Chlorotoluene	11.42	91	422754	22.029	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	536017	22.179	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	55468	16.033	ug/l		86
82) 4-Chlorotoluene	11.51	91	486198	21.790	ug/l		99
83) tert-Butylbenzene	11.77	119	559536	21.699	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	549887	22.035	ug/l		99
85) sec-Butylbenzene	11.94	105	643203	21.926	ug/l		98
86) p-Isopropyltoluene	12.06	119	577270	21.853	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	311163	21.694	ug/l		100
88) 1,4-Dichlorobenzene	12.10	146	309576	21.264	ug/l		98
89) n-Butylbenzene	12.39	91	470879	20.892	ug/l		100
90) Hexachloroethane	12.60	117	95056	17.656	ug/l		96
91) 1,2-Dichlorobenzene	12.39	146	311176	21.859	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43127	18.104	ug/l		90

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211711	20.385	ug/l	99
94) Hexachlorobutadiene	13.78	225	96086	20.920	ug/l	98
95) Naphthalene	13.83	128	677751	20.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214014	20.805	ug/l	97

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

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Instrument :
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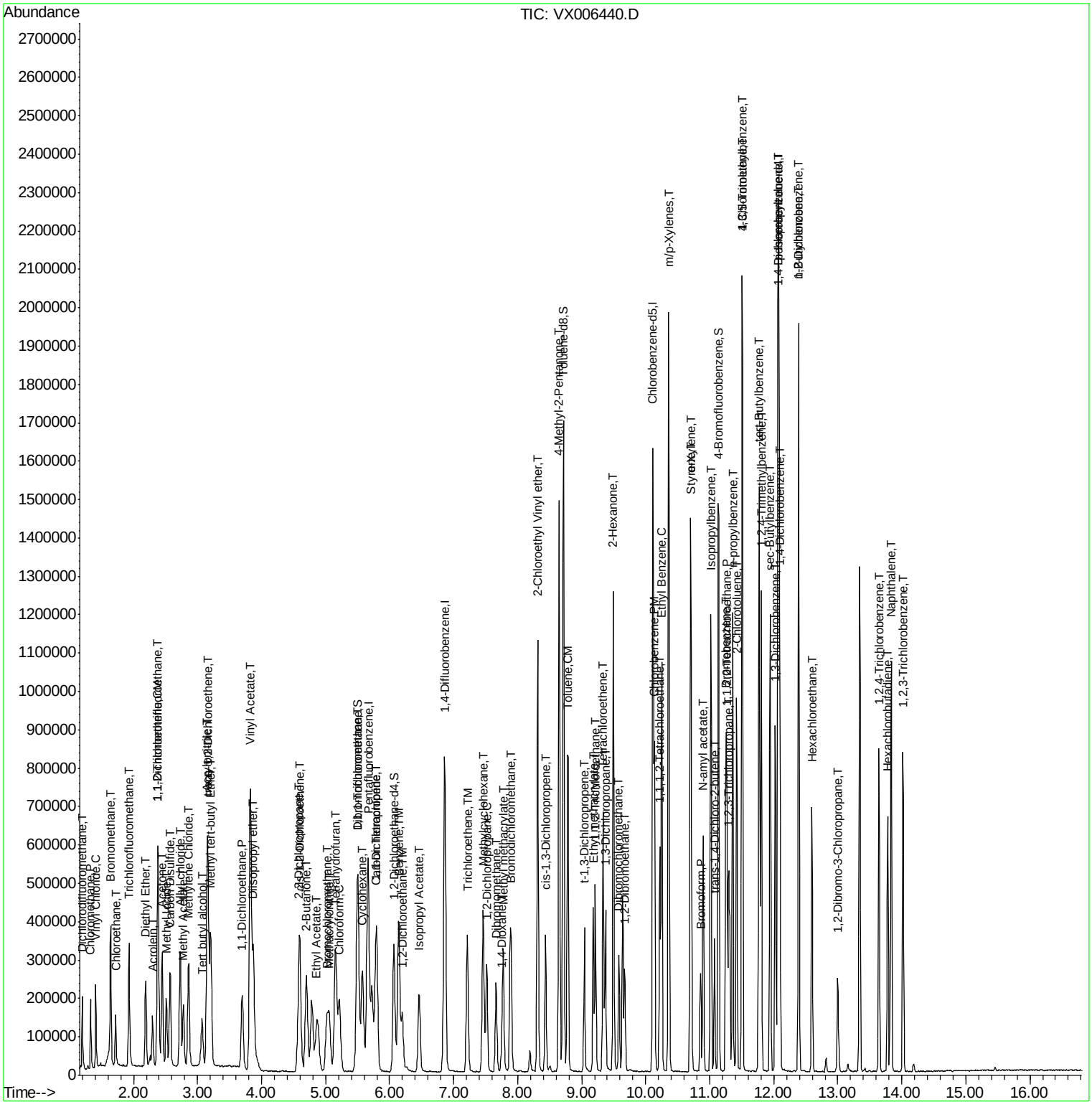
ClientSampleId :
VX1212WBS01

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