Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017144.D
Acq On : 02 Jul 2020 13:38
Operator : JC/SP
Sample : VX0702WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0702WBSD01

Quant Time: Jul 03 01:19:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	41209	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	209043	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	202900	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	89854	28.01	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 93.37%				
60) 4-Bromofluorobenzene	11.12	95	103404	30.56	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 101.87%				
63) Toluene-d8	8.70	98	259494	29.01	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 96.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	41493	20.706	ug/l		98
3) Chloromethane	1.31	50	44178	16.257	ug/l		95
4) Vinyl Chloride	1.39	62	42664	15.395	ug/l		92
5) Bromomethane	1.63	94	29749	14.909	ug/l		100
6) Chloroethane	1.72	64	27044	15.131	ug/l		98
7) Trichlorofluoromethane	1.92	101	73386	16.283	ug/l		98
8) Diethyl Ether	2.17	74	25528	15.567	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41902	17.518	ug/l		90
10) 1,1-Dichloroethene	2.36	96	39518	16.751	ug/l		91
11) Methyl Iodide	2.50	142	52854	16.779	ug/l		98
12) Methyl Acetate	2.75	43	53569	18.002	ug/l		95
13) Acrolein	2.27	56	41028	87.376	ug/l		97
14) Acrylonitrile	3.12	53	123150	87.377	ug/l		99
15) Acetone	2.42	58	31789	87.155	ug/l		88
16) Carbon Disulfide	2.55	76	118925	16.036	ug/l		99
17) Allyl chloride	2.71	41	73478	16.638	ug/l		96
18) Methylene Chloride	2.84	84	50126	17.641	ug/l		96
19) trans-1,2-Dichloroethene	3.14	96	46829	17.520	ug/l		96
20) Diisopropyl ether	3.82	45	152081	17.231	ug/l		98
21) 1,1-Dichloroethane	3.67	63	82843	17.023	ug/l		99
22) cis-1,2-Dichloroethene	4.57	96	52170	17.530	ug/l		96
23) tert-Butyl Alcohol	3.01	59	53329	85.419	ug/l	#	100
24) Methyl tert-Butyl Ether	3.17	73	148716	17.655	ug/l		98
25) Chloroform	5.18	83	87872	17.809	ug/l		98
26) Cyclohexane	5.55	56	68874	16.224	ug/l	#	98
29) 1,1-Dichloropropene	5.77	75	62899	18.470	ug/l		99
30) 2-Butanone	4.64	43	167870	94.573	ug/l	#	96
31) 2,2-Dichloropropane	4.55	77	73049	18.704	ug/l		99
32) 1,1,1-Trichloroethane	5.46	97	80558	19.550	ug/l		97
33) Carbon Tetrachloride	5.76	117	72606	19.869	ug/l		96
34) Benzene	6.12	78	188431	19.003	ug/l		97
35) Methacrylonitrile	5.01	41	36425	18.594	ug/l		92
36) 1,2-Dichloroethane	6.17	62	72549	19.104	ug/l		99
37) Trichloroethene	7.19	130	55821	20.631	ug/l		83
38) Methylcyclohexane	7.44	83	66497	17.147	ug/l		96
39) 1,2-Dichloropropane	7.49	63	48274	18.687	ug/l		92
40) Dibromomethane	7.64	93	34816	19.555	ug/l		92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017144.D
Acq On : 02 Jul 2020 13:38
Operator : JC/SP
Sample : VX0702WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0702WBSD01

Quant Time: Jul 03 01:19:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Bromodichloromethane	7.88	83	69876	18.953 ug/l #	94
42) Vinyl Acetate	3.79	43	658238	92.022 ug/l	99
43) Ethyl Acetate	4.79	43	67936	18.477 ug/l	97
44) Isopropyl Acetate	6.42	43	108237	17.860 ug/l	99
45) 1,4-Dioxane	7.71	88	23712	387.828 ug/l	96
46) Methyl methacrylate	7.74	41	51968	18.529 ug/l	94
47) n-amyl Acetate	10.88	43	92029	17.180 ug/l	97
48) t-1,3-Dichloropropene	9.02	75	74628	18.307 ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	81445	19.011 ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	51309	20.649 ug/l	96
51) Ethyl methacrylate	9.16	69	68285	17.907 ug/l	97
52) 1,3-Dichloropropane	9.35	76	82130	19.252 ug/l	96
53) Dibromochloromethane	9.57	129	59239	20.742 ug/l	100
54) 1,2-Dibromoethane	9.65	107	54501	20.670 ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	189625	94.496 ug/l	97
56) Bromoform	10.84	173	44816	22.106 ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	339960	90.960 ug/l	97
59) 2-Hexanone	9.47	43	252986	90.698 ug/l	98
61) Tetrachloroethene	9.32	164	53362	20.622 ug/l	94
62) Toluene	8.76	91	204776	18.452 ug/l	100
64) Chlorobenzene	10.12	112	132272	19.025 ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	53058	20.271 ug/l	98
66) Ethyl Benzene	10.24	91	220162	17.890 ug/l	97
67) m/p-Xylenes	10.34	106	172267	37.106 ug/l	99
68) o-Xylene	10.68	106	81266	18.223 ug/l	98
69) Styrene	10.70	104	141643	18.550 ug/l	97
70) Isopropylbenzene	11.00	105	223935	18.514 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	71399	19.221 ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	71341m	19.999 ug/l	
73) Bromobenzene	11.24	156	63384	20.764 ug/l	94
74) n-propylbenzene	11.34	91	251769	17.531 ug/l	98
75) 2-Chlorotoluene	11.40	91	155666	18.588 ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	188410	18.557 ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	24856	17.193 ug/l	90
78) 4-Chlorotoluene	11.49	91	181968	18.352 ug/l	100
79) tert-butylbenzene	11.76	119	179325	18.438 ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	184045	18.057 ug/l	97
81) sec-Butylbenzene	11.93	105	207554	17.626 ug/l	99
82) p-Isopropyltoluene	12.05	119	195234	18.362 ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	108316	19.800 ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	109411	19.906 ug/l	98
85) n-Butylbenzene	12.37	91	161237	16.383 ug/l	98
86) Hexachloroethane	12.58	117	37406	17.977 ug/l	86
87) 1,2-Dichlorobenzene	12.38	146	101495	19.822 ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	16026	18.962 ug/l	90
89) 1,2,4-Trichlorobenzene	13.63	180	68922	19.951 ug/l	98
90) Hexachlorobutadiene	13.77	225	28522	21.704 ug/l	98
91) Naphthalene	13.82	128	215255	19.010 ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	68253	20.246 ug/l	98

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017144.D
Acq On : 02 Jul 2020 13:38
Operator : JC/SP
Sample : VX0702WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

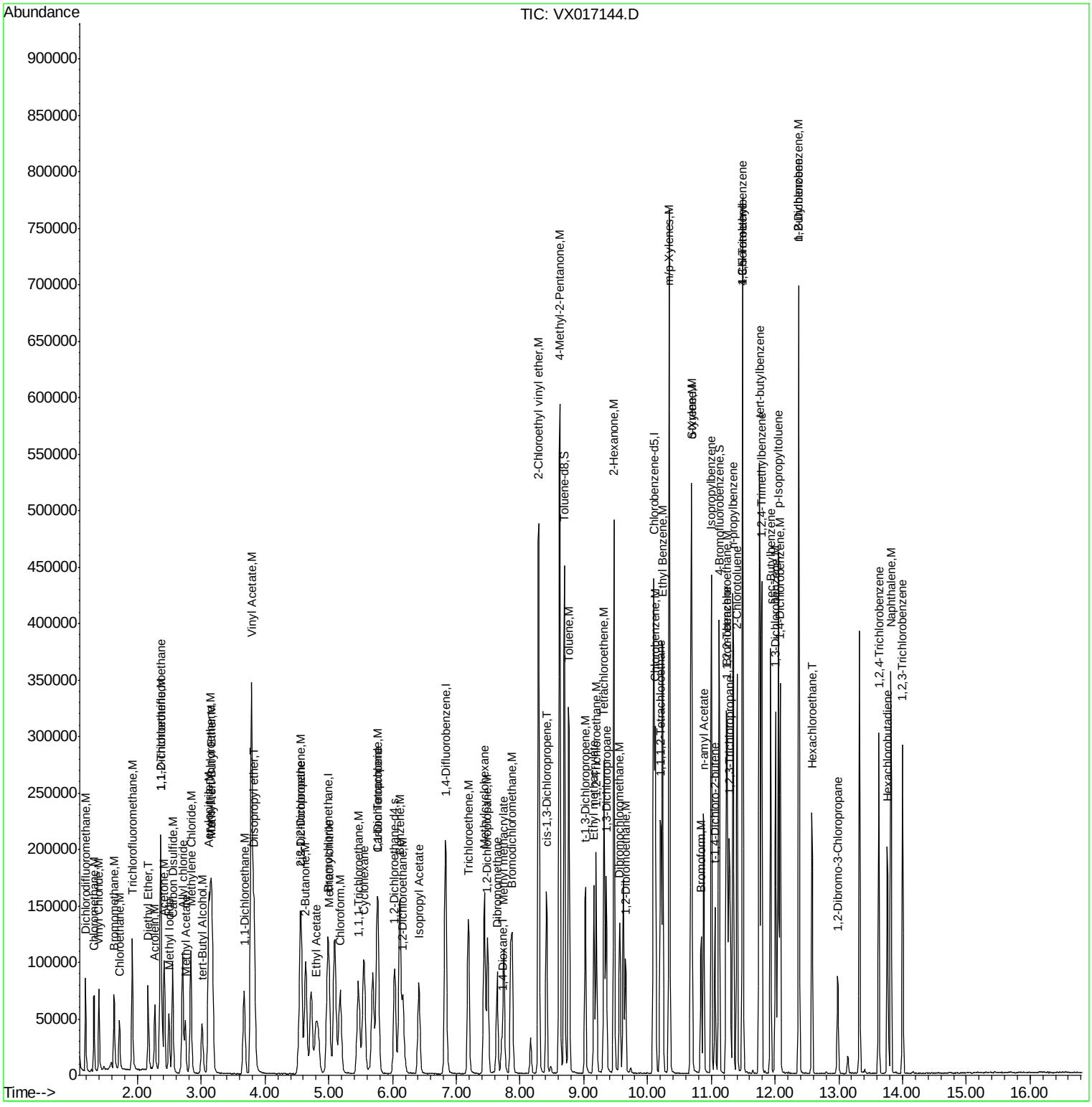
Instrument : MSVOA_X
ClientSampleId : VX0702WBSD01

Quant Time: Jul 03 01:19:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017144.D
Acq On : 02 Jul 2020 13:38
Operator : JC/SP
Sample : VX0702WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0702WBSD01

Quant Time: Jul 03 01:19:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration