Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101920\
Data File : VX018959.D
Acq On : 19 Oct 2020 17:59
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
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10/20/2020 4:52:05 PM

Quant Time: Oct 19 18:30:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	114630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	192860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	174452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	91229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137693	87.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 175.66%			
35) Dibromofluoromethane	5.46	113	125169	97.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 195.28%			
50) Toluene-d8	8.70	98	483191	100.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 200.50%			
62) 4-Bromofluorobenzene	11.12	95	167439	89.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 179.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	102265	77.028	ug/l	98
3) Chloromethane	1.31	50	101135	71.346	ug/l	98
4) Vinyl Chloride	1.39	62	142042	96.281	ug/l	99
5) Bromomethane	1.62	94	94283	114.522	ug/l	99
6) Chloroethane	1.70	64	103473	123.136	ug/l	98
7) Trichlorofluoromethane	1.91	101	240380	114.786	ug/l	99
8) Diethyl Ether	2.17	74	93447	126.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	126908	111.319	ug/l	99
10) Methyl Iodide	2.49	142	139082	130.994	ug/l	97
11) Tert butyl alcohol	3.03	59	152367	480.598	ug/l	100
12) 1,1-Dichloroethene	2.35	96	137029	115.189	ug/l	99
13) Acrolein	2.27	56	104412	707.459	ug/l	100
14) Allyl chloride	2.70	41	157994	80.773	ug/l	99
15) Acrylonitrile	3.12	53	294271	425.227	ug/l	99
16) Acetone	2.42	43	246150	399.886	ug/l	99
17) Carbon Disulfide	2.54	76	302195	89.070	ug/l	99
18) Methyl Acetate	2.75	43	127104	85.826	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	369977	96.372	ug/l	100
20) Methylene Chloride	2.83	84	123303	87.952	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	133532	105.693	ug/l	94
22) Diisopropyl ether	3.83	45	314608	81.317	ug/l	98
23) Vinyl Acetate	3.79	43	1538190	442.202	ug/l	97
24) 1,1-Dichloroethane	3.67	63	216165	95.310	ug/l	99
25) 2-Butanone	4.64	43	424565	421.765	ug/l	99
26) 2,2-Dichloropropane	4.55	77	202676	106.766	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	153979	105.003	ug/l	98
28) Bromochloromethane	4.98	49	91894	85.182	ug/l	90
29) Tetrahydrofuran	5.09	42	250097	395.873	ug/l	97
30) Chloroform	5.18	83	239123	100.829	ug/l	100
31) Cyclohexane	5.54	56	174393	92.163	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	219694	100.941	ug/l	98
36) 1,1-Dichloropropene	5.77	75	180273	101.488	ug/l	98
37) Ethyl Acetate	4.79	43	169060	83.942	ug/l	98
38) Carbon Tetrachloride	5.75	117	194257	98.041	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	202583	104.423	ug/l		96
40) Benzene	6.11	78	536752	102.331	ug/l		100
41) Methacrylonitrile	5.01	41	87273	79.346	ug/l		98
42) 1,2-Dichloroethane	6.16	62	178504	90.285	ug/l		99
43) Isopropyl Acetate	6.41	43	276870	85.123	ug/l		98
44) Trichloroethene	7.19	130	153232	104.556	ug/l		91
45) 1,2-Dichloropropane	7.49	63	129903	93.769	ug/l		98
46) Dibromomethane	7.63	93	96602	98.186	ug/l		94
47) Bromodichloromethane	7.87	83	193969	99.006	ug/l		99
48) Methyl methacrylate	7.74	41	128446	80.115	ug/l		98
49) 1,4-Dioxane	7.71	88	62342	2080.621	ug/l		97
51) 4-Methyl-2-Pentanone	8.62	43	816971	409.485	ug/l		99
52) Toluene	8.77	92	352682	105.453	ug/l		99
53) t-1,3-Dichloropropene	9.02	75	217522	99.452	ug/l		98
54) cis-1,3-Dichloropropene	8.42	75	232295	100.486	ug/l		97
55) 1,1,2-Trichloroethane	9.20	97	139510	99.033	ug/l		96
56) Ethyl methacrylate	9.16	69	209270	99.769	ug/l		98
57) 1,3-Dichloropropane	9.35	76	225841	97.309	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.29	63	549886	566.143	ug/l		98
59) 2-Hexanone	9.48	43	619693	409.539	ug/l		98
60) Dibromochloromethane	9.57	129	164636	100.310	ug/l		99
61) 1,2-Dibromoethane	9.65	107	149597	97.802	ug/l		98
64) Tetrachloroethene	9.32	164	131883	103.931	ug/l		98
65) Chlorobenzene	10.12	112	376848	107.693	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.20	131	144374	105.836	ug/l		99
67) Ethyl Benzene	10.23	91	649637	109.039	ug/l		99
68) m/p-Xylenes	10.34	106	521683	233.522	ug/l		98
69) o-Xylene	10.68	106	249674	114.833	ug/l		98
70) Styrene	10.70	104	421971	114.678	ug/l		99
71) Bromoform	10.84	173	124730	107.679	ug/l	#	97
73) Isopropylbenzene	11.00	105	660254	109.664	ug/l		99
74) N-amyl acetate	10.88	43	227866	83.905	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.25	83	204848	96.687	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	183876m	91.686	ug/l		
77) Bromobenzene	11.24	156	170441	103.388	ug/l		93
78) n-propylbenzene	11.34	91	732008	106.912	ug/l		100
79) 2-Chlorotoluene	11.40	91	421000	100.359	ug/l		98
80) 1,3,5-Trimethylbenzene	11.49	105	552408	111.224	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.06	75	76755	102.055	ug/l		99
82) 4-Chlorotoluene	11.49	91	509264	101.949	ug/l		99
83) tert-Butylbenzene	11.76	119	553477	112.230	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	546354	107.686	ug/l		98
85) sec-Butylbenzene	11.93	105	635649	113.034	ug/l		99
86) p-Isopropyltoluene	12.05	119	605512	117.766	ug/l		99
87) 1,3-Dichlorobenzene	12.01	146	308905	105.575	ug/l		96
88) 1,4-Dichlorobenzene	12.08	146	315652	107.108	ug/l		99
89) n-Butylbenzene	12.37	91	535270	113.556	ug/l		99
90) Hexachloroethane	12.58	117	100678	102.110	ug/l		98
91) 1,2-Dichlorobenzene	12.38	146	295392	106.885	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48227	92.046	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	208285	113.005	ug/l	98
94) Hexachlorobutadiene	13.76	225	82032	111.381	ug/l	92
95) Naphthalene	13.82	128	715164	117.125	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	207085	113.482	ug/l	99

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

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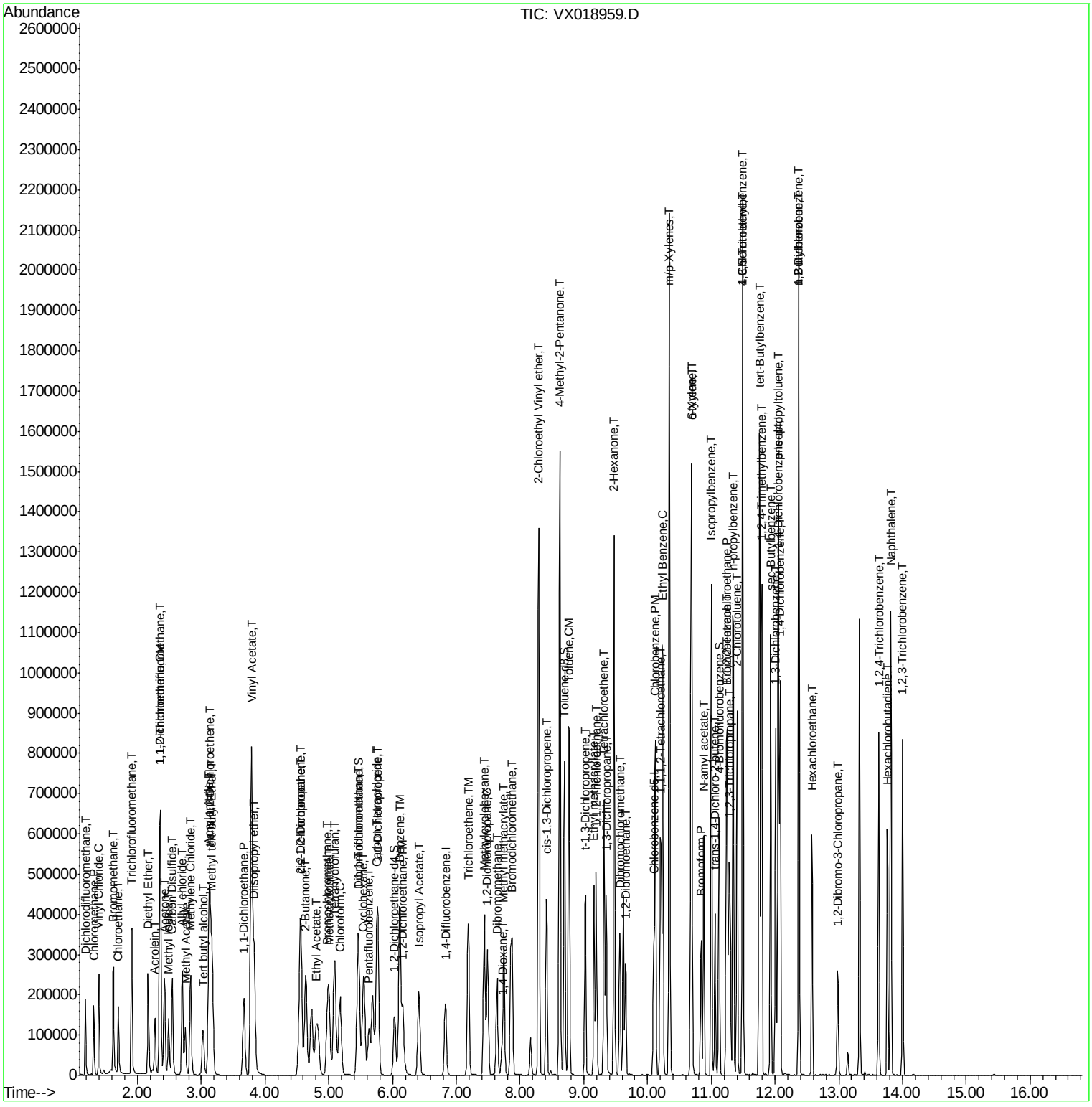
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