Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081220\
Data File : VN062855.D
Acq On : 12 Aug 2020 14:06
Operator : JC/MD
Sample : VN0812WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Manual Integrations APPROVED
MMDadoda
8/13/2020 10:57:09 AM

Quant Time: Aug 13 05:54:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	145846	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	226039	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	217199	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105542	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	114325	47.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.80%				
35) Dibromofluoromethane	7.55	113	76742	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
50) Toluene-d8	10.06	98	284695	47.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.32%				
62) 4-Bromofluorobenzene	12.38	95	106154	46.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	36554	17.503	ug/l		98
3) Chloromethane	2.03	50	30923	15.691	ug/l		97
4) Vinyl Chloride	2.16	62	31031	16.787	ug/l		96
5) Bromomethane	2.51	94	26603m	21.741	ug/l		
6) Chloroethane	2.66	64	25073	20.618	ug/l		95
7) Trichlorofluoromethane	2.98	101	61859	18.767	ug/l		100
8) Diethyl Ether	3.37	74	16203	17.172	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	24571	17.919	ug/l		96
10) Methyl Iodide	3.91	142	28260	17.689	ug/l		99
11) Tert butyl alcohol	4.74	59	34467	87.193	ug/l	#	88
12) 1,1-Dichloroethene	3.69	96	21818	16.789	ug/l		93
13) Acrolein	3.57	56	14578	60.910	ug/l		99
14) Allyl chloride	4.27	41	38523	15.087	ug/l		99
15) Acrylonitrile	4.93	53	79380	86.580	ug/l		99
16) Acetone	3.78	43	71624	82.186	ug/l		100
17) Carbon Disulfide	4.00	76	56824	15.473	ug/l		100
18) Methyl Acetate	4.28	43	38524	17.966	ug/l		100
19) Methyl tert-butyl Ether	4.99	73	101850	18.025	ug/l		97
20) Methylene Chloride	4.50	84	29994	18.325	ug/l		96
21) trans-1,2-Dichloroethene	4.99	96	23620	16.184	ug/l		96
22) Diisopropyl ether	5.90	45	94014	17.295	ug/l		92
23) Vinyl Acetate	5.84	43	325451	78.715	ug/l		96
24) 1,1-Dichloroethane	5.80	63	54673	17.163	ug/l		98
25) 2-Butanone	6.79	43	103942	84.212	ug/l		97
26) 2,2-Dichloropropane	6.78	77	46162	15.721	ug/l		99
27) cis-1,2-Dichloroethene	6.78	96	30255	17.281	ug/l		92
28) Bromochloromethane	7.15	49	26443	17.200	ug/l		94
29) Tetrahydrofuran	7.17	42	68102	84.928	ug/l		96
30) Chloroform	7.33	83	58822	17.375	ug/l		97
31) Cyclohexane	7.62	56	45981	15.725	ug/l		90
32) 1,1,1-Trichloroethane	7.53	97	51874	17.138	ug/l		97
36) 1,1-Dichloropropene	7.75	75	37480	17.029	ug/l		98
37) Ethyl Acetate	6.88	43	39548	17.201	ug/l	#	93
38) Carbon Tetrachloride	7.74	117	44378	17.048	ug/l		95

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.05	83	44196	16.686 ug/l		98
40) Benzene	8.00	78	113934	17.348 ug/l		99
41) Methacrylonitrile	7.12	41	15760	15.191 ug/l	#	6
42) 1,2-Dichloroethane	8.08	62	50934	18.221 ug/l		100
43) Isopropyl Acetate	8.13	43	65350	17.041 ug/l		97
44) Trichloroethene	8.80	130	28386	17.740 ug/l		95
45) 1,2-Dichloropropane	9.08	63	31816	17.899 ug/l		92
46) Dibromomethane	9.18	93	21937	18.835 ug/l		99
47) Bromodichloromethane	9.37	83	48147	18.406 ug/l		98
48) Methyl methacrylate	9.17	41	31143	16.511 ug/l		94
49) 1,4-Dioxane	9.17	88	12997	371.865 ug/l		96
51) 4-Methyl-2-Pentanone	9.95	43	221106	89.112 ug/l		99
52) Toluene	10.13	92	71157	17.548 ug/l		97
53) t-1,3-Dichloropropene	10.35	75	50668	17.609 ug/l		97
54) cis-1,3-Dichloropropene	9.81	75	53227	18.425 ug/l		96
55) 1,1,2-Trichloroethane	10.53	97	32207	18.596 ug/l		95
56) Ethyl methacrylate	10.40	69	46214	17.728 ug/l		97
57) 1,3-Dichloropropane	10.68	76	52571	17.865 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.67	63	56766	77.038 ug/l		98
59) 2-Hexanone	10.72	43	160958	86.965 ug/l		97
60) Dibromochloromethane	10.88	129	37888	19.170 ug/l		98
61) 1,2-Dibromoethane	10.98	107	32411	18.965 ug/l		96
64) Tetrachloroethene	10.60	164	24691	17.619 ug/l		94
65) Chlorobenzene	11.41	112	79149	17.433 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.48	131	33565	18.409 ug/l		97
67) Ethyl Benzene	11.48	91	139292	17.144 ug/l		100
68) m/p-Xylenes	11.60	106	105337	35.716 ug/l		96
69) o-Xylene	11.92	106	50350	18.217 ug/l		97
70) Styrene	11.94	104	87181	17.945 ug/l		98
71) Bromoform	12.10	173	26840	17.992 ug/l	#	98
73) Isopropylbenzene	12.23	105	137040	17.244 ug/l		98
74) N-amyl acetate	12.05	43	54945	17.060 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	49190	17.583 ug/l		99
76) 1,2,3-Trichloropropane	12.53	75	49866m	17.519 ug/l		
77) Bromobenzene	12.50	156	34868	17.658 ug/l		94
78) n-propylbenzene	12.57	91	158437	16.983 ug/l		98
79) 2-Chlorotoluene	12.65	91	102805	17.573 ug/l		98
80) 1,3,5-Trimethylbenzene	12.71	105	124005	17.986 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.28	75	15452	16.572 ug/l		97
82) 4-Chlorotoluene	12.75	91	104693	17.366 ug/l		98
83) tert-Butylbenzene	12.97	119	101225	17.351 ug/l		99
84) 1,2,4-Trimethylbenzene	13.02	105	118542	17.972 ug/l		97
85) sec-Butylbenzene	13.15	105	134199	17.517 ug/l		99
86) p-Isopropyltoluene	13.26	119	119686	17.600 ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	60070	17.028 ug/l		98
88) 1,4-Dichlorobenzene	13.34	146	61550	17.396 ug/l		98
89) n-Butylbenzene	13.59	91	92878	16.149 ug/l		99
90) Hexachloroethane	13.85	117	24608	16.788 ug/l		99
91) 1,2-Dichlorobenzene	13.63	146	60520	18.299 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10250	17.066 ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	24342	16.116 ug/l	98
94) Hexachlorobutadiene	14.98	225	19866	18.097 ug/l	99
95) Naphthalene	15.11	128	63996	15.920 ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	25631	16.579 ug/l	96

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

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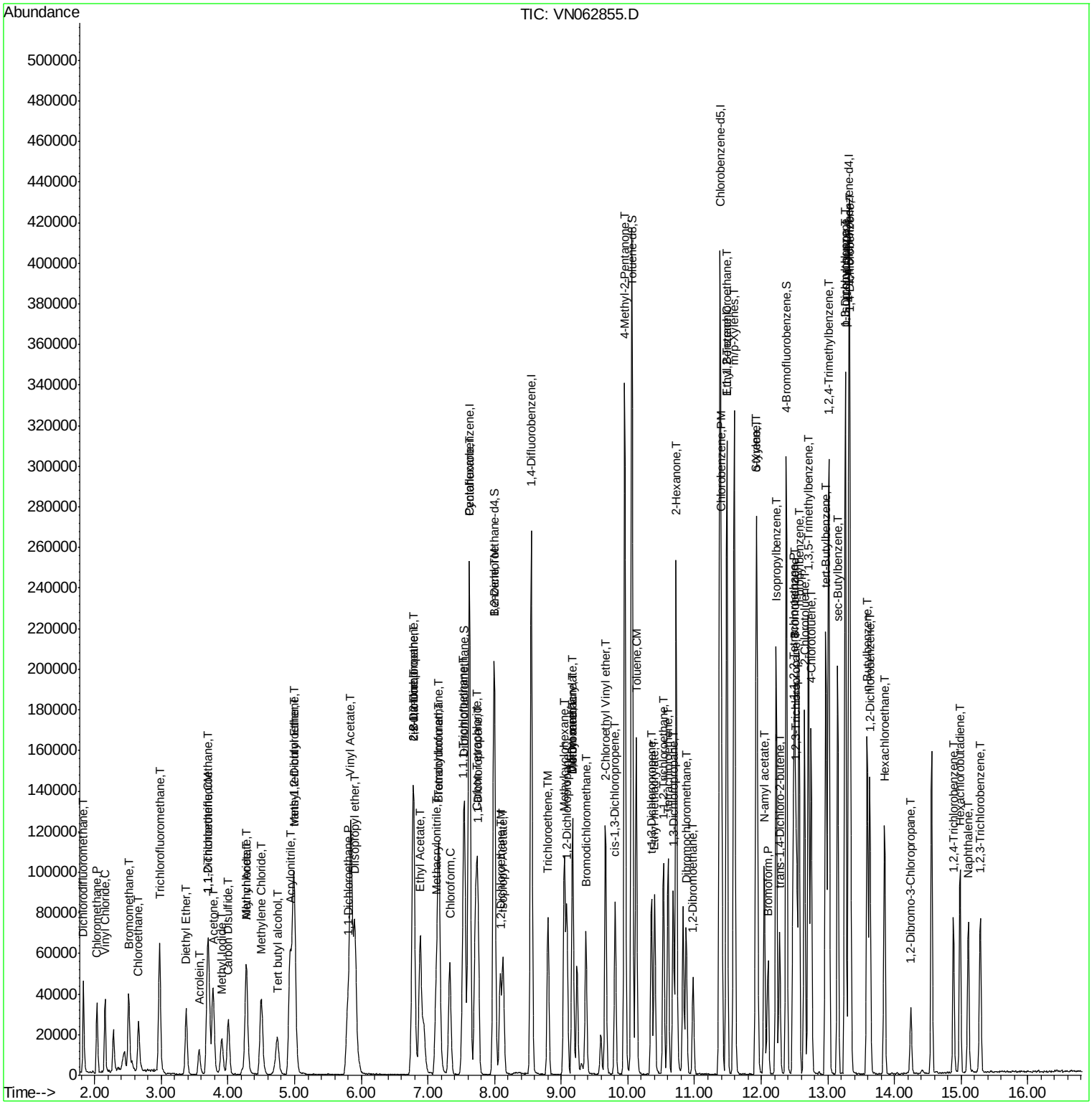
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