Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091019\
Data File : VN057859.D
Acq On : 10 Sep 2019 13:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 65 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
9/13/2019 5:16:31 AM

Quant Time: Sep 10 14:51:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	318223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	526865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	513492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	332234	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
35) Dibromofluoromethane	7.57	113	237180	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.54%			
50) Toluene-d8	10.09	98	987090	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.56%			
62) 4-Bromofluorobenzene	12.40	95	357360	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	216299	49.149	ug/l	100
3) Chloromethane	2.03	50	204787	45.656	ug/l	97
4) Vinyl Chloride	2.16	62	221285	46.614	ug/l	100
5) Bromomethane	2.53	94	115308	44.019	ug/l	97
6) Chloroethane	2.68	64	141805	46.877	ug/l	97
7) Trichlorofluoromethane	2.99	101	271842	45.503	ug/l	98
8) Diethyl Ether	3.39	74	117511	47.161	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	176328	46.788	ug/l	99
10) Methyl Iodide	3.93	142	170280	40.603	ug/l	99
11) Tert butyl alcohol	4.77	59	203732	261.163	ug/l	99
12) 1,1-Dichloroethene	3.71	96	154761	45.672	ug/l	100
13) Acrolein	3.58	56	142015	214.580	ug/l	100
14) Allyl chloride	4.30	41	285299	43.023	ug/l	99
15) Acrylonitrile	4.96	53	532631	248.410	ug/l	99
16) Acetone	3.80	43	454651	215.178	ug/l	99
17) Carbon Disulfide	4.03	76	233313	44.258	ug/l	98
18) Methyl Acetate	4.30	43	297563	52.819	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	698777	49.553	ug/l	100
20) Methylene Chloride	4.53	84	211954	52.762	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	167257	45.661	ug/l	97
22) Diisopropyl ether	5.93	45	785792	50.530	ug/l	100
23) Vinyl Acetate	5.87	43	2760757	250.498	ug/l	100
24) 1,1-Dichloroethane	5.82	63	417898	49.170	ug/l	99
25) 2-Butanone	6.82	43	741751	242.551	ug/l	98
26) 2,2-Dichloropropane	6.81	77	159190	23.668	ug/l	93
27) cis-1,2-Dichloroethene	6.81	96	236000	48.076	ug/l	95
28) Bromochloromethane	7.18	49	209385	49.313	ug/l	97
29) Tetrahydrofuran	7.19	42	472860	250.931	ug/l	99
30) Chloroform	7.36	83	436639	49.135	ug/l	99
31) Cyclohexane	7.64	56	290623	50.187	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	341470	48.450	ug/l	99
36) 1,1-Dichloropropene	7.78	75	278191	45.529	ug/l	99
37) Ethyl Acetate	6.91	43	299659	47.467	ug/l	100
38) Carbon Tetrachloride	7.76	117	271829	48.727	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	285794	44.494	ug/l		97
40) Benzene	8.03	78	883549	48.030	ug/l		99
41) Methacrylonitrile	7.16	41	141588m	49.408	ug/l		
42) 1,2-Dichloroethane	8.11	62	357045	48.530	ug/l		100
43) Isopropyl Acetate	8.15	43	548087	51.626	ug/l	#	91
44) Trichloroethene	8.83	130	215427	47.746	ug/l		96
45) 1,2-Dichloropropane	9.11	63	265642	49.626	ug/l		100
46) Dibromomethane	9.20	93	162777	50.323	ug/l		99
47) Bromodichloromethane	9.40	83	332017	51.402	ug/l		96
48) Methyl methacrylate	9.19	41	262435	48.731	ug/l		99
49) 1,4-Dioxane	9.19	88	90796	996.980	ug/l		99
51) 4-Methyl-2-Pentanone	9.98	43	1671205	266.010	ug/l		100
52) Toluene	10.15	92	567359	48.968	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	319543	46.978	ug/l		98
54) cis-1,3-Dichloropropene	9.83	75	349310	46.514	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	244466	49.811	ug/l		98
56) Ethyl methacrylate	10.43	69	377479	51.075	ug/l		100
57) 1,3-Dichloropropane	10.71	76	423066	50.019	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	893039	256.549	ug/l		100
59) 2-Hexanone	10.75	43	1220305	259.145	ug/l		99
60) Dibromochloromethane	10.90	129	236865	51.974	ug/l		99
61) 1,2-Dibromoethane	11.00	107	232284	50.062	ug/l		99
64) Tetrachloroethene	10.63	164	186747	49.256	ug/l		98
65) Chlorobenzene	11.43	112	642053	47.777	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	230000	49.324	ug/l		99
67) Ethyl Benzene	11.51	91	1166273	49.520	ug/l		99
68) m/p-Xylenes	11.62	106	855756	99.196	ug/l		99
69) o-Xylene	11.95	106	426505	49.730	ug/l		99
70) Styrene	11.96	104	750576	50.853	ug/l		99
71) Bromoform	12.13	173	148215	50.981	ug/l	#	99
73) Isopropylbenzene	12.25	105	1185594	48.976	ug/l		100
74) N-amyl acetate	12.07	43	514622	48.848	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	378725	46.465	ug/l		98
76) 1,2,3-Trichloropropane	12.56	75	327486m	46.404	ug/l		
77) Bromobenzene	12.53	156	275237	45.603	ug/l		98
78) n-propylbenzene	12.59	91	1382074	49.719	ug/l		100
79) 2-Chlorotoluene	12.68	91	827398	47.094	ug/l		99
80) 1,3,5-Trimethylbenzene	12.74	105	1020453	49.890	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	75987	37.890	ug/l		93
82) 4-Chlorotoluene	12.78	91	866540	48.028	ug/l		100
83) tert-Butylbenzene	13.00	119	882517	48.539	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1031404	49.614	ug/l		100
85) sec-Butylbenzene	13.17	105	1192205	49.472	ug/l		100
86) p-Isopropyltoluene	13.29	119	1083224	51.015	ug/l		99
87) 1,3-Dichlorobenzene	13.29	146	531472	47.975	ug/l		99
88) 1,4-Dichlorobenzene	13.37	146	525913	46.769	ug/l		99
89) n-Butylbenzene	13.62	91	992865	49.515	ug/l		99
90) Hexachloroethane	13.88	117	161624	51.182	ug/l		97
91) 1,2-Dichlorobenzene	13.66	146	527077	47.624	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69269	51.461	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	321654	44.464	ug/l	98
94) Hexachlorobutadiene	15.01	225	139982	45.649	ug/l	99
95) Naphthalene	15.13	128	941485	51.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	313102	49.587	ug/l	97

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

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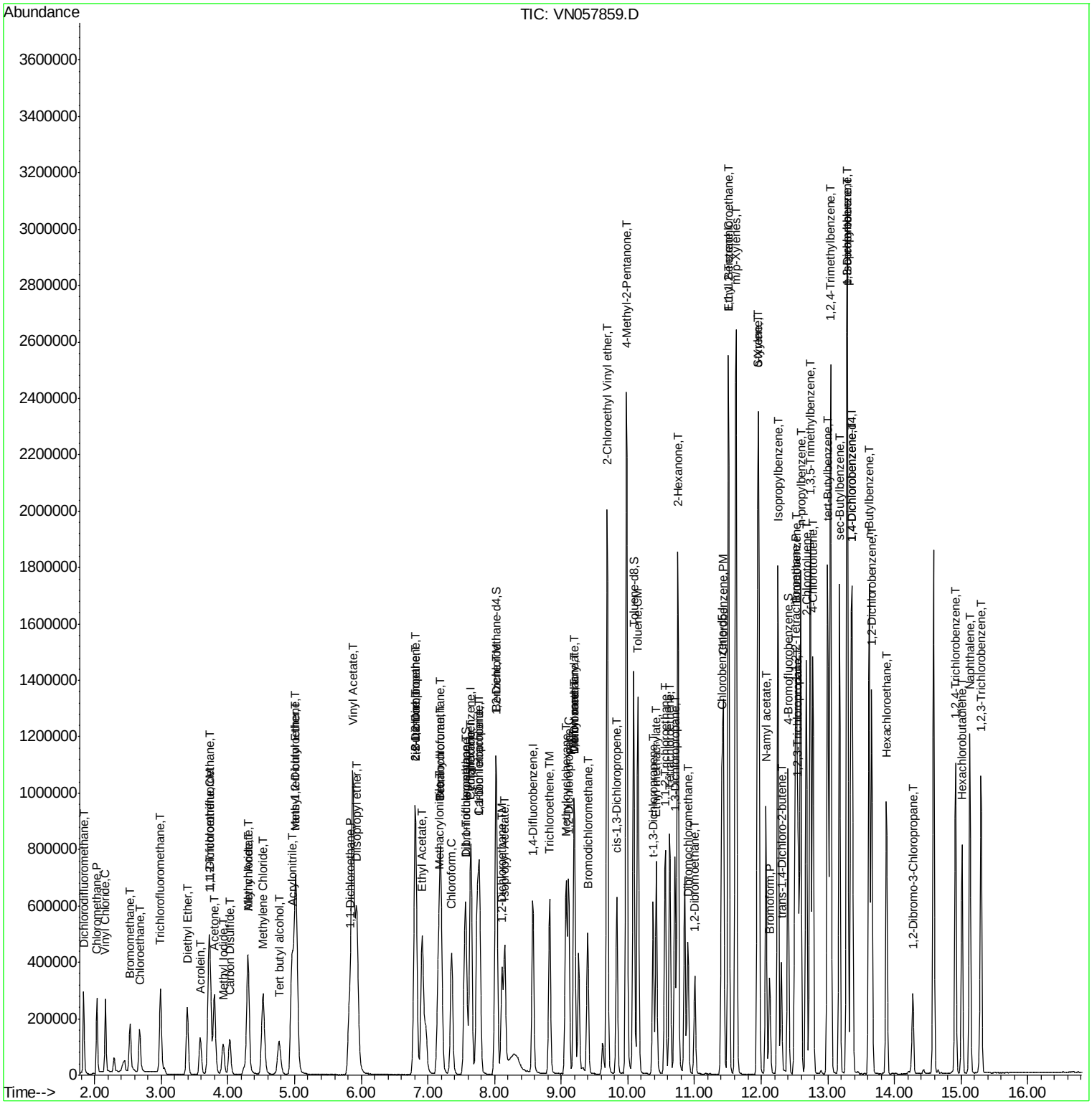
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