Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062519\
Data File : VN056471.D
Acq On : 25 Jun 2019 9:06
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
6/26/2019 9:28:13 AM

Quant Time: Jun 26 04:00:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	397515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	592913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	209471	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.10%			
35) Dibromofluoromethane	7.59	113	186210	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.68%			
50) Toluene-d8	10.09	98	700329	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
62) 4-Bromofluorobenzene	12.40	95	238530	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	160001	47.535	ug/l	99
3) Chloromethane	2.06	50	201135	43.886	ug/l	100
4) Vinyl Chloride	2.18	62	205436	46.410	ug/l	99
5) Bromomethane	2.55	94	129937	50.071	ug/l	100
6) Chloroethane	2.69	64	119723	46.703	ug/l	100
7) Trichlorofluoromethane	3.00	101	273086	47.692	ug/l	99
8) Diethyl Ether	3.41	74	116325	48.002	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	177335	48.564	ug/l	99
10) Methyl Iodide	3.95	142	244668	49.575	ug/l	100
11) Tert butyl alcohol	4.79	59	181217	244.217	ug/l	100
12) 1,1-Dichloroethene	3.73	96	166641	47.455	ug/l	98
13) Acrolein	3.60	56	144871	231.646	ug/l	100
14) Allyl chloride	4.32	41	290111	49.630	ug/l	99
15) Acrylonitrile	4.99	53	522874	254.709	ug/l	100
16) Acetone	3.82	43	588264	266.506	ug/l	100
17) Carbon Disulfide	4.05	76	362387	45.372	ug/l	100
18) Methyl Acetate	4.32	43	223256	51.670	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	581108	50.011	ug/l	99
20) Methylene Chloride	4.55	84	198360	47.628	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	177882	46.984	ug/l	98
22) Diisopropyl ether	5.95	45	607682	49.500	ug/l	97
23) Vinyl Acetate	5.89	43	2599124	268.428	ug/l	99
24) 1,1-Dichloroethane	5.84	63	343532	48.749	ug/l	99
25) 2-Butanone	6.84	43	769812	263.508	ug/l	99
26) 2,2-Dichloropropane	6.82	77	261412	53.336	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	215495	48.651	ug/l	99
28) Bromochloromethane	7.19	49	165053	47.352	ug/l	98
29) Tetrahydrofuran	7.21	42	462172	258.880	ug/l	99
30) Chloroform	7.37	83	339653	48.845	ug/l	100
31) Cyclohexane	7.65	56	307649	45.221	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	280424	50.877	ug/l	99
36) 1,1-Dichloropropene	7.79	75	254988	48.860	ug/l	100
37) Ethyl Acetate	6.93	43	275944	53.805	ug/l	98
38) Carbon Tetrachloride	7.77	117	236110	51.737	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	317408	49.291	ug/l		100
40) Benzene	8.04	78	783648	48.817	ug/l		98
41) Methacrylonitrile	7.17	41	137062	60.521	ug/l		85
42) 1,2-Dichloroethane	8.12	62	257261	48.561	ug/l		99
43) Isopropyl Acetate	8.16	43	438356	55.430	ug/l		99
44) Trichloroethene	8.83	130	213379	49.345	ug/l		99
45) 1,2-Dichloropropane	9.12	63	214204	49.895	ug/l		98
46) Dibromomethane	9.21	93	136789	50.928	ug/l		99
47) Bromodichloromethane	9.40	83	255876	53.714	ug/l		99
48) Methyl methacrylate	9.20	41	206434	52.091	ug/l		99
49) 1,4-Dioxane	9.20	88	62723	762.681	ug/l		92
51) 4-Methyl-2-Pentanone	9.98	43	1368859	268.180	ug/l		100
52) Toluene	10.16	92	482045	49.117	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	277317	49.984	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	318487	55.519	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	201995	51.204	ug/l		98
56) Ethyl methacrylate	10.43	69	309762	53.730	ug/l		99
57) 1,3-Dichloropropane	10.71	76	334854	50.527	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	495599	239.286	ug/l		100
59) 2-Hexanone	10.75	43	1003519	267.502	ug/l		99
60) Dibromochloromethane	10.90	129	205717	50.699	ug/l		98
61) 1,2-Dibromoethane	11.00	107	211196	52.417	ug/l		99
64) Tetrachloroethene	10.63	164	197131	47.890	ug/l		99
65) Chlorobenzene	11.43	112	516375	49.440	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195370	55.346	ug/l		99
67) Ethyl Benzene	11.51	91	921535	50.250	ug/l		99
68) m/p-Xylenes	11.62	106	685545	102.003	ug/l		99
69) o-Xylene	11.95	106	336362	50.587	ug/l		99
70) Styrene	11.96	104	561262	52.809	ug/l		99
71) Bromoform	12.13	173	144802	50.795	ug/l	#	100
73) Isopropylbenzene	12.25	105	905805	55.275	ug/l		100
74) N-amyl acetate	12.07	43	345647	49.523	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	286054	56.495	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	228073m	50.156	ug/l		
77) Bromobenzene	12.53	156	229888	46.882	ug/l		97
78) n-propylbenzene	12.59	91	985672	49.080	ug/l		100
79) 2-Chlorotoluene	12.67	91	590958	53.859	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	740491	53.826	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	77034	60.210	ug/l		93
82) 4-Chlorotoluene	12.77	91	571402	48.188	ug/l		100
83) tert-Butylbenzene	12.99	119	659705	55.139	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	714188	48.376	ug/l		100
85) sec-Butylbenzene	13.17	105	865260	49.019	ug/l		100
86) p-Isopropyltoluene	13.29	119	755953	49.902	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	371758	50.027	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	358965	49.877	ug/l		100
89) n-Butylbenzene	13.61	91	582532	50.797	ug/l		100
90) Hexachloroethane	13.87	117	125869	53.295	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	367121	49.794	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44402	54.720	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	159624	42.520	ug/l	100
94) Hexachlorobutadiene	15.01	225	140725	56.569	ug/l	99
95) Naphthalene	15.13	128	417952	42.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	175173	44.567	ug/l	99

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

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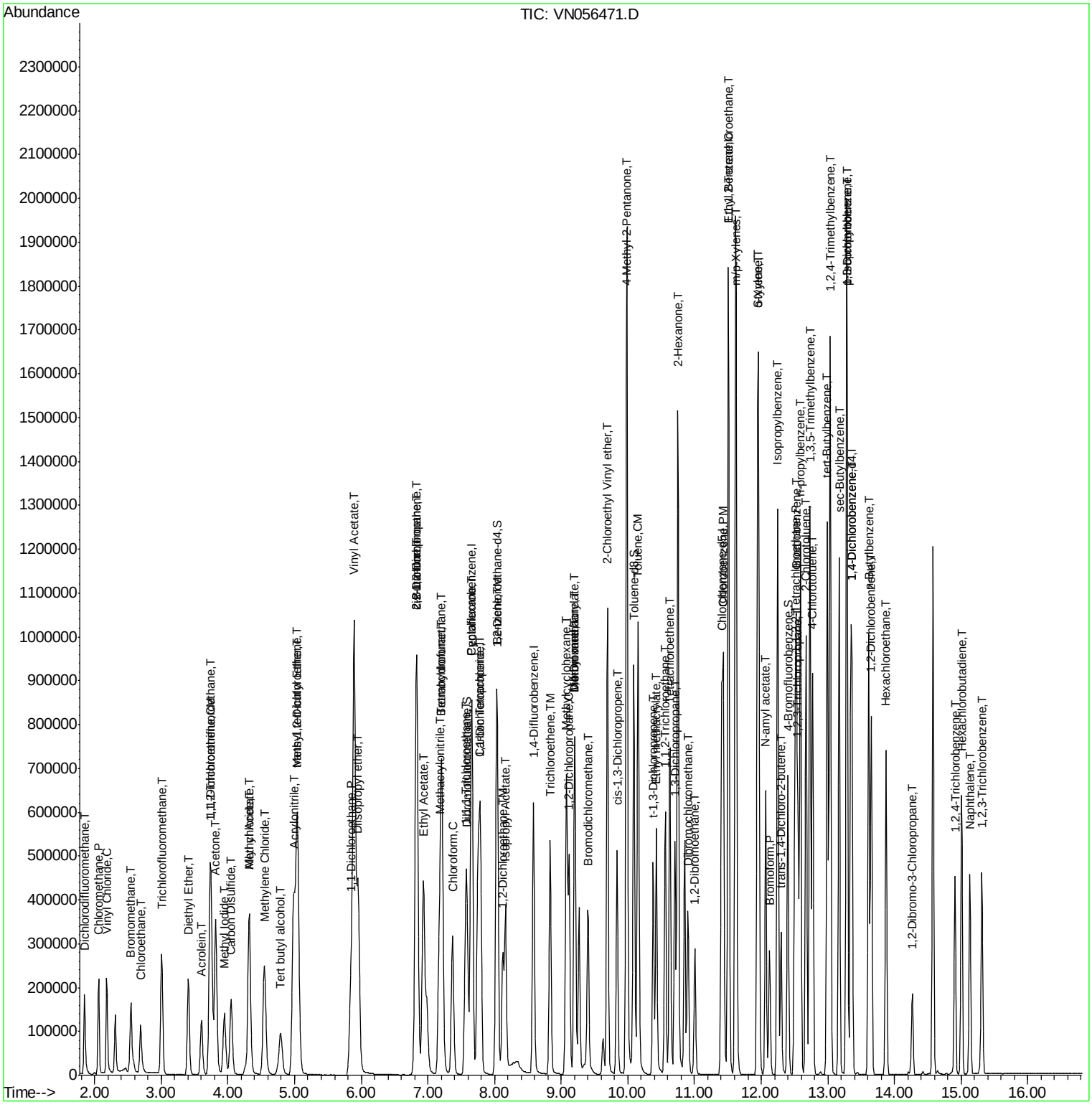
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