Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
Data File : VN050000.D
Acq On : 23 Jul 2018 9:01
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
sam
7/24/2018 5:46:24 PM

Quant Time: Jul 24 04:56:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	496758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	450929	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.34%			
35) Dibromofluoromethane	7.59	113	407815	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
50) Toluene-d8	10.09	98	1488321	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
62) 4-Bromofluorobenzene	12.40	95	520793	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	569276	90.85	ug/l	97
3) Chloromethane	2.06	50	552911	58.24	ug/l	100
4) Vinyl Chloride	2.18	62	577049	56.99	ug/l	100
5) Bromomethane	2.56	94	321662	57.09	ug/l	99
6) Chloroethane	2.70	64	333295	50.40	ug/l	100
7) Trichlorofluoromethane	3.01	101	746074	53.60	ug/l	98
8) Diethyl Ether	3.41	74	252435	51.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	454882	53.00	ug/l	100
10) Methyl Iodide	3.95	142	582202	50.56	ug/l	98
11) Tert butyl alcohol	4.81	59	154983	227.58	ug/l	100
12) 1,1-Dichloroethene	3.73	96	402821	53.43	ug/l	99
13) Acrolein	3.61	56	50775	115.71	ug/l	98
14) Allyl chloride	4.32	41	643701	54.15	ug/l	98
15) Acrylonitrile	4.99	53	735265	245.50	ug/l	99
16) Acetone	3.82	43	610785	246.79	ug/l	100
17) Carbon Disulfide	4.05	76	1269662	56.28	ug/l	100
18) Methyl Acetate	4.33	43	412837	53.14	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1100696	53.05	ug/l	100
20) Methylene Chloride	4.55	84	455964	48.45	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	438597	54.78	ug/l	99
22) Diisopropyl ether	5.96	45	1339982	55.25	ug/l	97
23) Vinyl Acetate	5.90	43	4622317	271.61	ug/l	100
24) 1,1-Dichloroethane	5.85	63	798048	51.25	ug/l	100
25) 2-Butanone	6.84	43	917004	259.25	ug/l	99
26) 2,2-Dichloropropane	6.83	77	684797	56.52	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	475883	54.17	ug/l	99
28) Bromochloromethane	7.20	49	316461	45.00	ug/l	99
29) Tetrahydrofuran	7.22	42	574038	257.62	ug/l	99
30) Chloroform	7.37	83	804845	50.35	ug/l	99
31) Cyclohexane	7.65	56	722209	56.99	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	700759	50.72	ug/l	99
36) 1,1-Dichloropropene	7.79	75	631714	58.21	ug/l	100
37) Ethyl Acetate	6.93	43	382655	51.35	ug/l	99
38) Carbon Tetrachloride	7.77	117	632805	54.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	698383	62.30	ug/l		100
40) Benzene	8.04	78	1852126	56.00	ug/l		100
41) Methacrylonitrile	7.17	41	191059	51.15	ug/l		90
42) 1,2-Dichloroethane	8.13	62	588816	53.75	ug/l		99
43) Isopropyl Acetate	8.17	43	699337	53.72	ug/l		98
44) Trichloroethene	8.84	130	484926	55.92	ug/l		98
45) 1,2-Dichloropropane	9.12	63	479019	53.69	ug/l		99
46) Dibromomethane	9.21	93	292506	52.86	ug/l		99
47) Bromodichloromethane	9.40	83	620174	54.19	ug/l		99
48) Methyl methacrylate	9.20	41	362487	55.51	ug/l		99
49) 1,4-Dioxane	9.20	88	93288	1006.98	ug/l		96
51) 4-Methyl-2-Pentanone	9.99	43	1954869	268.62	ug/l		100
52) Toluene	10.16	92	1148995	58.24	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	638330	56.41	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	726921	58.13	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	414608	50.87	ug/l		99
56) Ethyl methacrylate	10.43	69	527867	48.31	ug/l		99
57) 1,3-Dichloropropane	10.71	76	701827	54.68	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	1231564	239.74	ug/l		99
59) 2-Hexanone	10.75	43	1390352	284.43	ug/l		99
60) Dibromochloromethane	10.90	129	477163	53.39	ug/l		99
61) 1,2-Dibromoethane	11.01	107	409953	53.83	ug/l		98
64) Tetrachloroethene	10.63	164	470109	57.85	ug/l		99
65) Chlorobenzene	11.43	112	1241542	54.64	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	463119	52.62	ug/l		99
67) Ethyl Benzene	11.51	91	2162277	58.66	ug/l		99
68) m/p-Xylenes	11.62	106	1674594	120.01	ug/l		99
69) o-Xylene	11.95	106	793582	59.21	ug/l		98
70) Styrene	11.97	104	1298532	59.82	ug/l		100
71) Bromoform	12.13	173	337361	53.58	ug/l	#	99
73) Isopropylbenzene	12.25	105	2136938	56.63	ug/l		100
74) N-amyl acetate	12.07	43	596248	51.91	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	524334	46.38	ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	414524m	44.48	ug/l		
77) Bromobenzene	12.53	156	538725	51.70	ug/l		98
78) n-propylbenzene	12.59	91	2500717	58.29	ug/l		100
79) 2-Chlorotoluene	12.68	91	1458116	55.35	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1773526	58.64	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	153903	51.64	ug/l		99
82) 4-Chlorotoluene	12.77	91	1500252	56.77	ug/l		100
83) tert-Butylbenzene	12.99	119	1504382	56.64	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1825910	59.60	ug/l		100
85) sec-Butylbenzene	13.17	105	2058365	58.64	ug/l		100
86) p-Isopropyltoluene	13.29	119	1816243	60.70	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	979055	53.93	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	952539	52.33	ug/l		99
89) n-Butylbenzene	13.62	91	1533387	62.07	ug/l		100
90) Hexachloroethane	13.88	117	329592	49.08	ug/l		100
91) 1,2-Dichlorobenzene	13.65	146	939855	52.65	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	81613	46.72	ug/l		99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	496959	50.46	ug/l	99
94) Hexachlorobutadiene	15.01	225	305810	52.28	ug/l	99
95) Naphthalene	15.14	128	1045247	44.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	485846	56.73	ug/l	100

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

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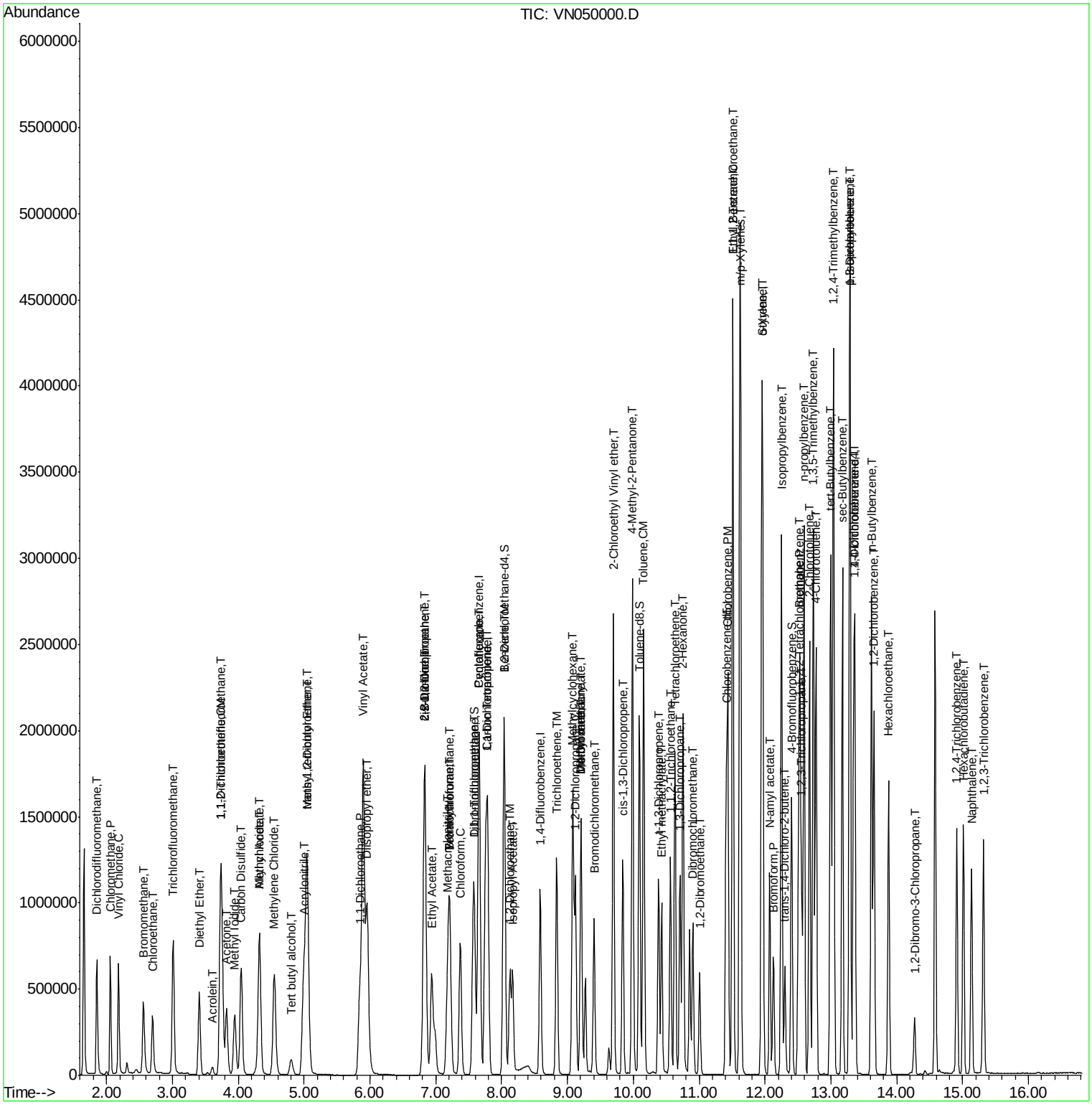
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